

**Estruturação de Projeto de Concessão
para Ampliação, Modernização,
Manutenção, Operação e Gestão do
Sistema de Iluminação Pública do
Município de Alagoinhas/BA**

Diagnóstico Técnico Operacional

ALAGOINHAS



CONSÓRCIO VITAL

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GLOSSÁRIO

ABCIP	Associação Brasileira das Concessionárias Privadas de Serviços de Iluminação Pública
ABNT	Associação Brasileira de Normas Técnicas
ANEEL	Agência Nacional de Energia Elétrica
BA	Estado da Bahia
COIP/SESEP	Coordenação de Iluminação Pública
CTB	Código Brasileiro de Trânsito
E _{med.min}	Índice de Iluminância Média Mínima
FEP	Fundo de Apoio à Estruturação de Projetos de Concessões e PPP
GWh	Gigawatts Hora
IBGE	Instituto Brasileiro de Geografia e Estatística
IP	Iluminação Pública
kWh	Quilowatts Hora
MV	Multivapor Metálico
NBR	Norma Brasileira
PDM	Plano Diretor Municipal
PMA	Prefeitura Municipal de Alagoinhas
PPP	Parceria Público-Privado
SECET/PMA	Secretaria Municipal de Cultura, Esporte e Turismo
SEDEA/PMA	Secretaria de Desenvolvimento Econômico e Meio Ambiente
SESEP/PMA	Secretaria Municipal de Serviços Públicos
SIGLA	Significado
U	Índice de Unifomidade
VS	Vapor de Sódio
W	Medida de Potência (Watts)

1 APRESENTAÇÃO

A CAIXA, com recursos do Fundo de Apoio à Estruturação e ao Desenvolvimento de projetos de Concessão e de Parcerias Público-Privadas da União, dos Estados, do Distrito Federal e dos Municípios (FEP), está apoiando a estruturação de soluções viáveis sob o ponto de vista ambiental, social e econômico-financeiro relacionados aos serviços públicos urbanos, como Saneamento, Mobilidade Urbana e Iluminação Pública (IP).

Segundo estudo da Associação Brasileira das Concessionárias Privadas de Serviços de Iluminação Pública (ABCIP), em 2020 o número de cidades que recorreram à parceria com a iniciativa privada para projetos de iluminação pública saltou de 17 para 51. Já o número de projetos em andamento subiu de 287 para 422 em relação a 2019.

O mesmo estudo evidencia que as concessões de iluminação pública, além de contribuírem para a redução do consumo de energia, ajudam na desoneração do orçamento público e promovem a melhoria da qualidade de vida da população.

Hoje, com investimentos já contratados na ordem de R\$ 18 bilhões, prevê-se que, nos próximos dois anos, o número de brasileiros que vivem em cidades que optaram pela concessão de IP e que vão se beneficiar socialmente disso alcance os 70 milhões.

A qualidade da iluminação pública está associada a diversas externalidades positivas para o cidadão, como: aumento da segurança pública, maior circulação de pessoas na rua à noite e mais produtividade nas atividades comerciais.

Trata-se, portanto, de um setor que representa uma oportunidade excepcional para investidores, por combinar sustentabilidade ambiental e impactos sociais positivos com um modelo de negócios atrativo e seguro.

Nesse sentido, o Consórcio Vital - formado pela Elemental Desenvolvimento Imobiliário, Ambiental Engenharia e Consultoria e Dutra e Santos Sociedade de Advogados – assinou o contrato CAIXA Nº 6828/2021 para desenvolver os serviços técnicos especializados de consultoria necessários à estruturação de projeto de concessão para ampliação, modernização, manutenção, operação e gestão do sistema de iluminação pública para o município de Alagoinhas-BA.

Em conformidade com o Termo de Referência, esses estudos constarão de quatro etapas, a saber:

- Etapa 1 – Planejamento, Diagnóstico e Estudos;
- Etapa 2 – Estruturação do Contrato;
- Etapa 3 - Validação Externa;
- Etapa 4 – Licitação da Concessão e Contratação.

Na Etapa 1 – Planejamento, Diagnóstico e Estudos, Subetapa 1.3 – Técnico Operacional, encontra-se o Bloco 1.3.1 – Situação Técnico-Operacional com o objetivo de qualificar a infraestrutura atual instalada, as características e necessidades do Ente Público, as características do modelo atual de gestão, operação e manutenção do Parque de Iluminação Pública bem como os níveis de serviço atuais.

O presente documento é o Relatório do Diagnóstico da Situação Técnico Operacional do Parque de Iluminação Pública, que segundo o Termo de Referência, inclui, dentre outros aspectos:

- Inventário da infraestrutura existente bem como sua situação patrimonial;
- Análise da confiabilidade das informações disponibilizadas pelo Ente Público;
- Inventário de classificação viária das vias do Ente Público;
- Distribuição dos pontos/tipos de iluminação de acordo com a classificação viária e demais elementos (praças, parques e outros);
- Iluminação de Destaque;
- Identificação de áreas com deficiência de cobertura;
- Mapeamento e avaliação acerca dos projetos de expansão e modernização em andamento ou em fase de contratação e seu impacto;
- Análise do modelo atual de operação e manutenção do Parque de Iluminação Pública;

2 OBJETIVOS DO RELATÓRIO

Este Relatório de Diagnóstico da Situação Técnico Operacional da Iluminação Pública de Alagoinhas tem como objetivo apresentar as características do Parque de Iluminação Pública do município em relação as condições atuais encontradas através de vistoria de campo e análise de dados documentais fornecidos pela Prefeitura para o levantamento do inventário de toda infraestrutura do Parque.

Este produto está particionado nos seguintes grandes temas:

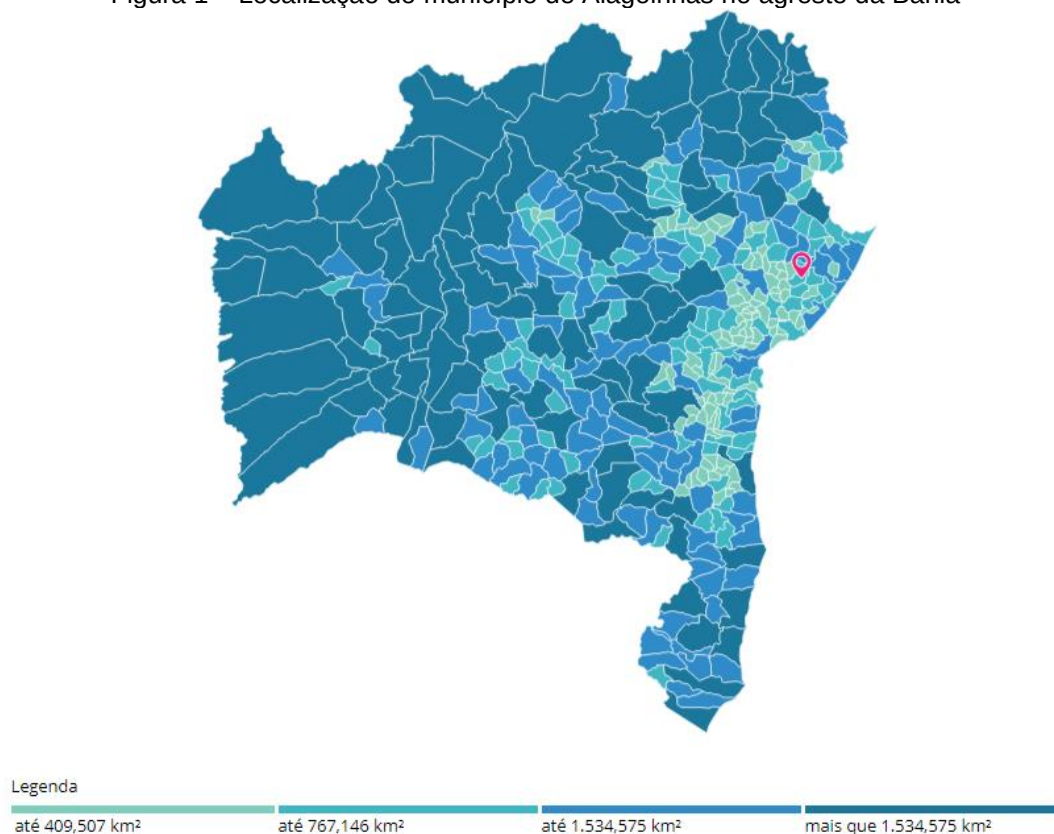
- Diagnóstico Técnico da Rede de IP;
- Análise dos cadastros de Iluminação Pública disponíveis, histórico do consumo de energia, qualidade do parque de IP;
- Análise das informações sobre classificação viária disponível no município;
- Mapeamento da operação e manutenção atual do parque de IP;
- Análise do histórico de expansão do parque de IP, projeções futuras, demanda reprimida e projetos de modernização realizadas ou em andamento;
- Levantamento de todas as despesas com os serviços de Iluminação Pública;
- Análise da arrecadação da COSIP (modelo atual, comparativo com despesas).
- Análise Institucional da Operação Atual, identificação da estrutura organizacional do município voltada para os serviços de Iluminação Pública e o modelo de governança existente.
- Barreiras Regulatórias o Análise dos contratos vigentes junto à Distribuidora de Energia Elétrica do Estado;
- Análise do contrato do operador atual do parque de IP.

As informações contidas nesse Relatório servirão de subsídio para a elaboração de um cenário futuro do Parque de IP de Alagoinhas, sendo descrito nesse documento as principais premissas que deverão ser seguidas para elaboração dos próximos relatórios desse projeto.

3 CONTEXTUALIZAÇÃO DO MUNICÍPIO

Localizado no agreste, mesorregião nordeste do estado da Bahia (Figura 1), Alagoinhas possui uma área de 707,835 km², com população estimada para o ano de 2021 de 153.023 habitantes (IBGE,2022). Seus limites municipais se dão ao norte com o município de Inhambupe, ao sul com o município de Catu, a Leste com o município de Araçás, a oeste com o município de Aramari, a nordeste com o município de Entre Rios e a sudoeste com o município de Teodoro Sampaio. O município é cortado pela BR-101, que segue em direção ao Estado de Sergipe.

Figura 1 – Localização do município de Alagoinhas no agreste da Bahia



Fonte: IBGE Cidades

Alagoinhas possui 3 distritos, sendo eles a sede (Alagoinhas), Boa União e Riacho da Guia. Sua sede, onde se situa a área urbana do município, destacada na Figura 2 em verde, se subdivide nos bairros: Alagoinhas Velha, Barreiro, Catu, Centro, Dois de Julho, Jardim Petrolar, Juracy Magalhães, Kennedy, Mangalô, Santa Isabel, Santa Terezinha, Silva Jardim e Teresópolis.

Figura 2 – Representação da área urbana do município de Alagoinhas



Fonte: Elaboração Consórcio Vital com base do IBGE

A economia de Alagoinhas é dividida nos 3 setores da economia. No primeiro setor se destaca pela produção agrícola de frutas e na produção de areia, argila e pedras, utilizadas no segundo setor no polo de cerâmica, que conta com grandes indústrias do ramo. Ainda no segundo setor, devido sua água ser considerada uma das melhores do mundo, a cidade sedia grandes indústrias do ramo de bebidas, como o Grupo Petrópolis, Brasil Kirin, Latapack Ball, Indústria São Miguel, Central de Embalagens, Braserv Petróleo, Simonassi e Brespel, de acordo com a PMA, esse polo de bebidas vem atraindo investimentos em novas plantas e ampliações nos últimos dois anos, mesmo com a pandemia.

Devido ao seu grande destaque nos pontos que se referem ao segundo setor, o município vem crescendo continuamente no terceiro setor, principalmente em seu parque hoteleiro.

Como pontos turísticos, se destacam o Totem de Alagoinhas, situado na praça Kennedy, a igreja Inacabada de Santo Antônio, no bairro de Alagoinhas Velha (Figura 3), a antiga Estação de São Francisco que é uma construção no estilo inglês com suas grandes instalações e o Coreto na Praça JJ Seabra (Figura 4). Outros pontos de

destaque no município são o letreiro na praça Conselheiro Ruy Barbosa (Figura 5) e o Estádio Municipal Antônio de Figueiredo Carneiro – Carneirão (Figura 6).

Figura 3 - Igreja Inacabada de Santo Antônio



Figura 4 – Coreto – Square Bar



Figura 5 – Letreiro na praça Conselheiro Ruy Barbosa



Figura 6 - Estádio Municipal Antônio de Figueiredo Carneiro – Carneirão



4 CARACTERIZAÇÃO DO PARQUE DE ILUMINAÇÃO PÚBLICA

4.1 Inventário da Infraestrutura Existente e da Situação Patrimonial

4.1.1 Base de Dados de Cadastro de Iluminação Pública

Para análise das informações acerca do cadastro de Iluminação Pública do município, conforme dados apresentados nos tópicos a seguir, foram utilizadas as bases fornecidas pela concessionária Coelba, como apresentado a seguir.

Referência: Cadastro de pontos de IP (recebido em 21/02/2022)

Formato: kmz

Quantidade de Pontos de IP: 17.819

Informações disponíveis: Latitude, Longitude, Tipo de Lâmpada e Potência.

As análises apresentadas nos próximos tópicos tiveram como base o cadastro de IP disponibilizado pela concessionária e um trabalho de verificação *in loco*, de forma amostral, com visita em diversos pontos selecionados aleatoriamente, em linha com a definição da Norma NBR 5426.

4.1.2 Análise do Cadastro Georreferenciado de Iluminação Pública

Conforme mencionado anteriormente, as informações contidas no cadastro fornecido são relativas à:

- Localização dos pontos de Iluminação;
- Tipo e Potência de Lâmpadas.

A distribuição dos pontos se encontra na Tabela 1, dividida pelos parâmetros apresentados.

As nomenclaturas utilizadas nos tipos de lâmpadas dividem-se da seguinte forma:

- | | |
|-----------------------------|---------------------|
| • VM: Vapor mercúrio; | • FL: Fluorescente |
| • MV: Multivapor; | • HL: Halógena; |
| • MT: Metálico; | • IN: Incandescente |
| • MVM: Multivapor Metálico; | • LD: LED |

Tabela 1 - Distribuição dos Pontos do Cadastro de Iluminação Pública

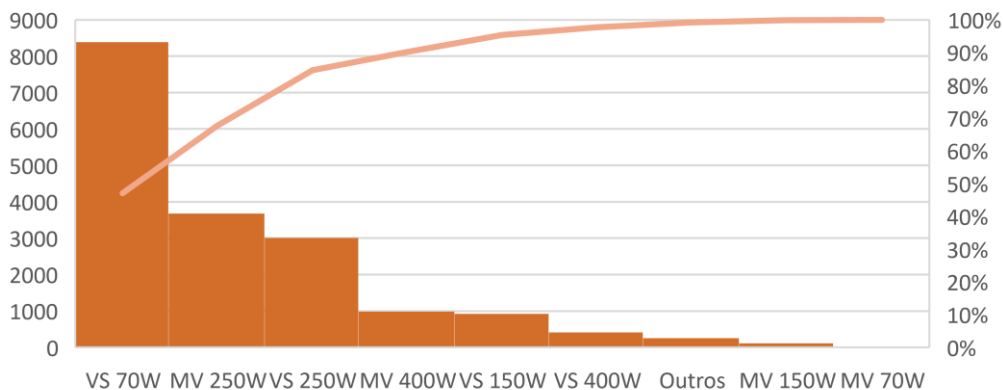
Tipo	Potência (W)	Quantidade	%
FL	30	25	-
	45	8	-
	85	16	-
HL	300	3	-
	500	3	-
IN	100	3	-
LD	100	13	-
	12	29	-
	15	15	-
	150	1	-
	24	10	-
	30	1	-
	50	41	-
MT	160	14	-
	250	10	-
	500	15	-
MV	1000	1	-
	150	115	1%
	250	3.679	21%
	400	987	6%
	70	31	-
VM	125	5	-
	250	38	-
	400	8	-
	80	1	-
VS	100	2	-
	1000	1	-
	150	929	5%
	250	3.014	17%
	400	416	2%
	70	8.385	47%
Total Geral		17.819	100%

Fonte: Cadastro Distribuidora Coelba, 2022

Segundo o cadastro apresentado, cerca de 99 % do parque é composto por tipos de lâmpadas Vapor de Sódio (VS) e Multivapor Metálico (MV). As lâmpadas VS 70W,

MV e VS 250W, demonstrado em curva comparativa no Gráfico 1, representam aproximadamente 90% do parque.

Gráfico 1 - Distribuição do Cadastro por tipo de lâmpada



A qualidade dos dados foi verificada por amostragem em levantamento de campo, e está detalhada no item 4.1.3 deste relatório.

O Anexo 1 apresenta o cadastro fornecido pela Coelba.

4.1.3 Planilha Não Georreferenciada de Iluminação Pública

Foi disponibilizado pela PMA, em 28/06/2022, uma planilha onde consta um quantitativo de pontos de IP maior (19.711 pontos) que o do cadastro georreferenciado, utilizado pela Distribuidora Coelba para emissão das faturas de energia.

A planilha foi justificada pela Coelba como base de cobrança para o consumo estimado do parque de IP. A Tabela 2 demonstra os quantitativos apresentados.

Tabela 2 – Cadastro Coelba			
Tipo	Potência (W)	Quantidade	%
FL	30	26	-
	45	11	-
	85	18	-
HL	300	3	-
	500	3	-
IN	70	13	-
	100	3	-
LD	12	29	-
	15	15	-
	16	9	-
	20	2	-
	24	10	-

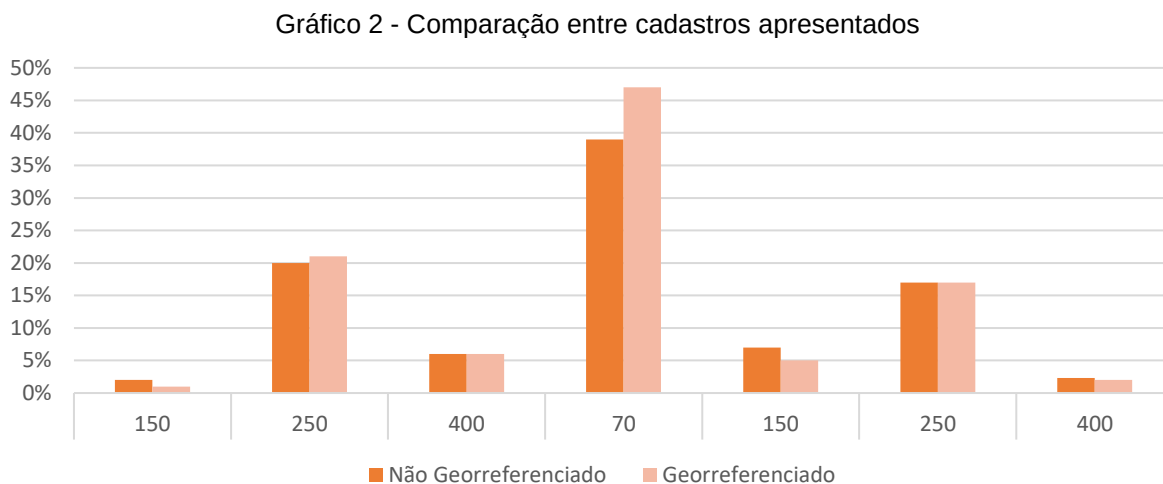
	30	103	1%
	40	623	3%
	50	134	1%
	70	6	-
	100	70	-
	120	322	2%
	150	84	-
	160	77	-
	170	11	-
	200	50	-
	250	1	-
	500	8	-
MVM	160	14	-
	250	20	-
	500	16	-
MV	70	38	-
	150	354	2%
	250	3794	20%
	400	1212	6%
	1000	1	-
VM	80	1	-
	125	5	-
	150	2	-
VS	70	7656	39%
	100	5	-
	150	1303	7%
	250	3232	17%
	400	427	2%
	1000	1	-
-	Total Geral	19.711	100%

A diferença observada de 1.892 pontos a mais na planilha da PMA, sugere que provavelmente tal levantamento é mais atual do que o cadastro georreferenciado apresentado no item 4.1.2.

Entretanto é importante ressaltar que para efeito de verificação de cadastro, de conhecimento do SIP em campo e de subsídios para o Projeto de Engenharia, essa diferença não é considerada significativa ao desenvolvimento dos trabalhos, visto que, não se altera o tamanho do lote a ponto de alterar o quantitativo amostral (item 4.2.1.1).

No item 7.2.1, os quantitativos apresentados são verificados em relação ao consumo médio de energia elétrica em IP.

O Gráfico 2 demonstra o comparativo entre as potências contidas nos dois cadastros, apresentando pouca variação de porcentagens entre si.



4.2 Metodologia do Levantamento Amostral em Campo

As inspeções de qualidade do Cadastro de IP nas vias do município ocorreram a partir de uma avaliação amostral definida nas normas: ABNT NBR 5426 – Planos de Amostragem e procedimentos na inspeção por atributos e ABNT NBR 5427 – Guia de utilização da norma NBR 5426, conforme solicitado no Termo de Referência (Contrato nº 6828/2021 CAIXA).

Essas normas orientam quanto ao estabelecimento de planos de amostragem e procedimentos para inspeção por atributos e possibilitam avaliar qualitativamente todo o parque de iluminação pública

4.2.1 Levantamento Amostral com base na ABNT NBR 5426

As amostras de coleta foram divididas em dois grupos de informações:

- **Grupo 1:** Iluminância: com o objetivo de verificar o atendimento das vias à Norma NBR 5101 no que se refere aos parâmetros iluminância média e uniformidade (iluminância mínima/ iluminância média);
- **Grupo 2:** Parâmetros das vias (largura da via, espaçamento entre postes etc.) e de montagem (altura luminária, comprimento braço etc.) com o principal objetivo de validar as informações contidas no cadastro de

Iluminação Pública (potência e tecnologia, principalmente) e coletar informações necessárias para realização dos projetos luminotécnicos.

4.2.1.1 Determinação da Amostra

A partir das orientações da norma ABNT NBR 5427 e aplicando-as na NBR 5426, a amostra foi definida da seguinte forma:

- Codificação de amostragem a partir do tamanho do lote (em vermelho) pela tabela 1 da NBR 5426/1989 (Figura 7): 19.819 de pontos de luz, considerando:
 - ✓ Para determinação do número mínimo da amostra, foi aplicado o nível de inspeção I para o Grupo 1 (em azul) e o nível de inspeção II para o Grupo 2 (em laranja).

Figura 7 – Tabela para determinação de amostragem

Tamanho do lote			Níveis especiais de inspeção				Níveis gerais de inspeção		
			S1	S2	S3	S4	I	II	III
2	a	8	A	A	A	A	A	A	B
9		15	A	A	A	A	A	B	C
16		25	A	A	B	B	B	C	D
26		50	A	B	B	C	C	D	E
51		90	B	B	C	C	C	E	F
91		150	B	B	C	D	D	F	G
151		280	B	C	D	E	E	G	H
281		500	B	C	D	E	F	H	J
501		1200	C	C	E	F	G	J	K
1201		3200	C	D	E	G	H	K	L
3201		10000	C	D	F	G	J	L	M
10001		35000	C	D	F	H	K	M	N
35001		150000	D	E	G	J	L	N	P
150001		500000	D	E	G	J	M	P	Q
Acima de 500001			D	E	H	K	N	Q	R

Fonte: NBR 5426, 1989.

Com a relação entre o tamanho do lote e os devidos níveis de inspeções requeridos, foram fixadas as codificações K para o grupo 1 e M para o grupo 2.

- A partir da tabela 2 da NBR 5426, Plano de Amostragem Simples, com Regime de Inspeção Normal, obteve-se os tamanhos das amostras do Grupo 1 (azul) e Grupo 2 (laranja), considerando um nível de confiança

de 95% (Nível de Qualidade Aceitável preferencial 4,0), conforme a Figura 8 a seguir:

Figura 8 - Plano de Amostragem Simples – Normal

Código de amostras	Tamanho da amostra	NQA																															
		0,010	0,015	0,025	0,040	0,065	0,10	0,15	0,25	0,40	0,65	1,0	1,5	2,5	4,0	6,5	10	15	25	40	65	100	150	250	400	650	1000						
		Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re	Ac Re				
A	2	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓					
B	3	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓					
C	5	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓					
D	8	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓					
E	13	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓					
F	20	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓					
G	32	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓					
H	50	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓					
J	80	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓					
K	125	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓					
L	200	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓					
M	315	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓					
N	500	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓					
P	800	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓					
Q	1250	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓					
R	2000	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓					

Fonte: NBR 5426, 1989.

O dimensionamento das amostras é concluído da seguinte forma:

- Grupo 1: 125 pontos;
- Grupo 2: 315 pontos.

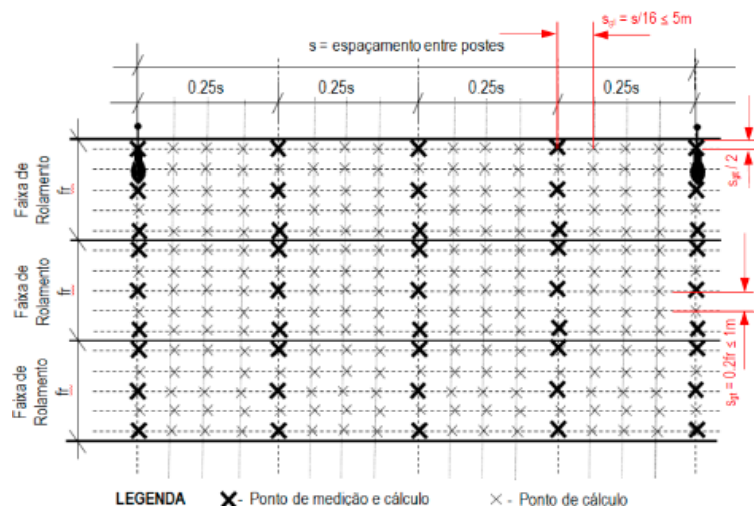
4.2.2 Procedimentos de Campo

Para realizar a verificação do sistema de iluminação pública (SIP) do município de Alagoinhas, foram realizadas inspeções de campo para levantamento dos níveis de iluminância e uniformidade das vias.

A metodologia de verificação dos grupos 1 e 2, seguiu a NBR 5101/2018 e o quantitativo amostral foi determinado através da NBR 5426/1989, conforme descrito no item 4.2.1 anteriormente.

Para o levantamento do grupo 1, de iluminância, o procedimento de coleta de dados ocorreu de acordo com o ilustrado na Figura 9.

Figura 9 – Malha para Verificação Detalhada



Fonte: NBR 5101, 2018.

Os espaçamentos entre os pontos da malha e o quantitativo de pontos de medições foram definidos seguindo recomendação da NBR 5101/2018, e estão resumidos na Tabela 3.

Tabela 3 – Malhas de Medições		
Número de faixas de rolamentos	Quantidade de pontos da grade de cálculo	Quantidade de pontos da grade de medição
1	$17 \times 5 = 85$	15
2	$17 \times 10 = 170$	30
3	$17 \times 15 = 255$	45
4	$17 \times 20 = 340$	60
5	$17 \times 25 = 425$	75

Fonte: NBR 5101, 2018.

As medições de iluminância foram realizadas nos pontos indicados em malha, utilizando-se os Luxímetros modelo ICEL LD-550 (calibrados em 17 de novembro de 2021 com certificados nº 126616/21, 126617/21 e 126618/21).

Figura 10 - Luxímetro ICEL LD-550 utilizado em campo.



4.2.2.1 Planejamento das Medições

O planejamento de medições buscou contemplar todos os tipos de vias do Município. A partir da hierarquização viária apresentada pela PMA, as vias foram divididas em arteriais, coletoras e locais.

O método escolhido de análise levou em consideração os parâmetros da norma NBR 5101 em relação a padrões de estrutura e iluminância das hierarquias viárias.

As principais características estruturais (Grupo 2) observadas foram:

- Dimensões da via;
- Tipo da Via;
- Espaçamento entre centros luminosos;
- Comprimento do braço (projeção horizontal);
- Altura de montagem;
- Tipos e potências de lâmpadas e luminárias, braços e redes;
- Fluxo do trânsito e tráfego pedestres;
- Avaliação do levantamento de acidentes de trânsito nas vias;
- Influência da arborização.

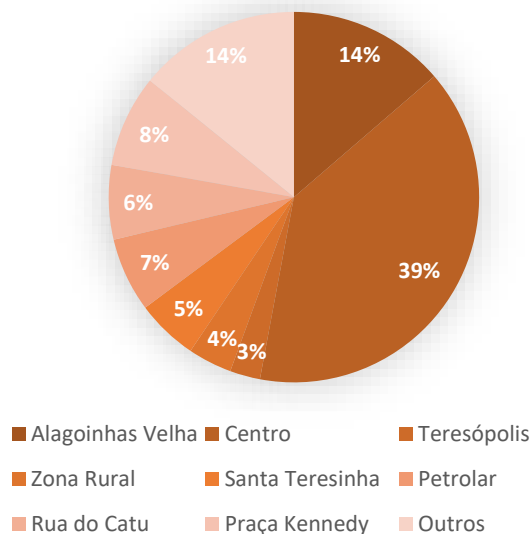
4.2.2.2 Seleção dos Pontos para Levantamento

A partir do Cadastro da Coelba, foi realizada a escolha aleatória da amostra de pontos, considerando as seguintes premissas:

- Foi utilizada a mesma amostra para a verificação dos parâmetros dos grupos 1 e 2: os pontos do grupo 1 estão contidos nos pontos do Grupo 2;

- A amostra foi selecionada apenas dentro dos limites da área urbana da sede e dos distritos do município. Considera-se que a normatização das vias rurais de acordo com a NBR 5101 traria impactos financeiros substanciais ao projeto, sem retorno social compatível pelo baixo fluxo de movimento nas vias.
- O lote cadastral de iluminação pública não é homogêneo. São diferentes tipos e potências de lâmpadas e luminárias, além de outras características estruturais (altura de montagem, comprimento de braço, largura de via etc.) que constituem o parque de IP
- São também distintos os usos, importância e necessidades das vias e locais públicos. Também devem ser destacados os pontos de situações básicas previstas na NBR 5101 (praças, interseções, túneis, pontes etc.).
- Para permitir a correta adoção da seleção aleatória prevista na norma NBR 5426, procedeu-se a uma amostragem estratificada, que envolveu a divisão do cadastro em subgrupos homogêneos para diferentes configurações da IP, conforme previsto no item 4.4 da referida norma. Para tanto, empreendeu-se a divisão do cadastro em subgrupos por tipo de via, que apresenta grande correlação com tipo e potência de lâmpada e atende à necessidade de hierarquizar o futuro projeto de engenharia pela importância que têm para a cidade. Isso porque são os pontos de maiores potências, mais concentrados (impactos financeiros), com maiores fluxos, mais acidentes (Gráfico 3 - Levantamento das Ocorrências de Trânsito Ocorridas em 2021) e mais ocorrências criminais (impactos sociais).
- Amostras aleatórias foram então selecionadas dentro de cada subgrupo nas proporções definidas, conforme apresentado a seguir:
 - Vias arteriais;
 - Vias coletoras da sede do município;
 - Vias locais em diversos bairros.

Gráfico 3 - Levantamento das Ocorrências de Trânsito Ocorridas em 2021



Fonte: Superintendência Municipal de Transporte e Trânsito de Alagoinhas, PMA, 2022

4.2.2.3 Agenda

O levantamento dos pontos foi realizado entre os dias 13/03/2022 e 17/03/2022. Seu detalhamento está apresentado na Tabela 4.

Tabela 4 – Agenda de Endereços Visitados		
Data	Logradouro	Classificação
14/3/22	N/I	Local
14/3/22	Estrada para Tombador	Local
14/3/22	N/I	Local
14/3/22	Rua do Mangalô	Coletora
14/3/22	N/I	Local
14/3/22	Rua São Severino	Local
14/3/22	N/I	Local
14/3/22	Rua Irará	Local
14/3/22	Rua Santo Antônio	Local
14/3/22	N/I	Local
14/3/22	Rua Dona Amália	Coletora
14/3/22	Estrada para Araças	Coletora
14/3/22	N/I	Local
14/3/22	N/I	Local
14/3/22	Travessa Jequié	Local
14/3/22	Av. Ayrton Senna	Coletora
14/3/22	Rua Genésio da Conceição	Local
14/3/22	Av. do Barreiro	Local
14/3/22	Rua da Caixa D'Água	Local
14/3/22	N/I	Local

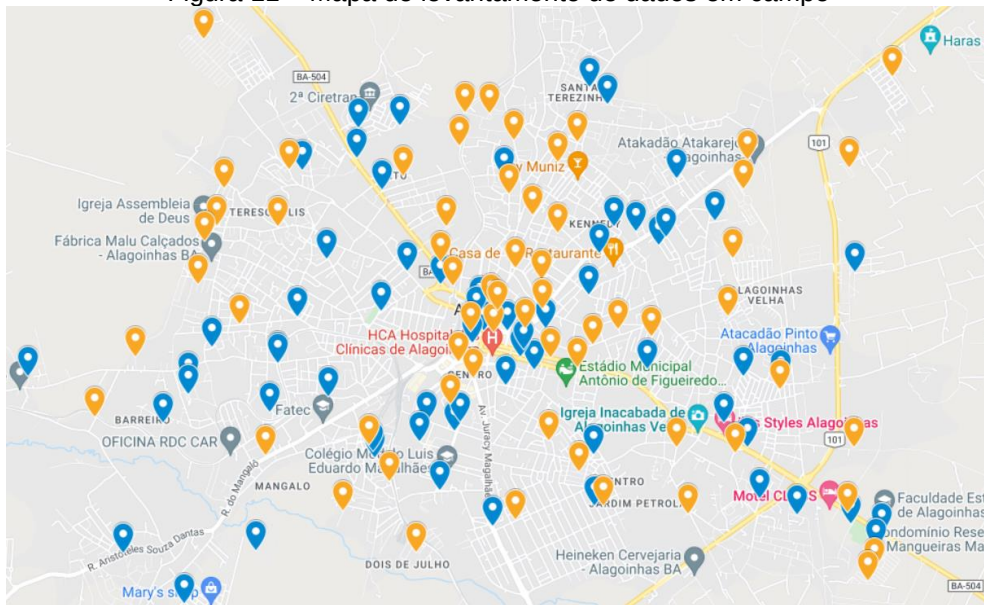
14/3/22	Rua Elvira Dórea	Arterial
14/3/22	Rua Lauro de Freitas	Coletora
14/3/22	Travessa Juazeiro	Local
14/3/22	Rua E	Local
14/3/22	Rua Paulo Afonso	Coletora
14/3/22	1ª Travessa Paulo Afonso	Local
14/3/22	Rua C	Local
14/3/22	Rua A	Local
14/3/22	Rua São Raimundo	Local
14/3/22	Rua 13	Local
14/3/22	Rua José Galdino Maia	Local
14/3/22	Rua Padre Godinho	Local
14/3/22	Rua do Eucalípto	Local
14/3/22	Rua Santo Isidoro	Local
14/3/22	N/I	Local
15/3/22	Estrada Velha da Pedreira	Local
15/3/22	N/I	Local
15/3/22	Rua Pedro Cunho	Local
15/3/22	Rua José H da Cunha	Local
15/3/22	N/I	Local
15/3/22	Travessa Santa Maria	Local
15/3/22	Rua do Sae	Coletora
15/3/22	Rua Dois de Julho	Local
15/3/22	Rua Heitor Fontoura	Local
15/3/22	Rua Carlos Gomes	Local
15/3/22	Praça Dionísio Evilásio	Coletora
15/3/22	3ª Travessa Leovigildo	Local
15/3/22	Av. Rio Branco	Local
15/3/22	N/I	Local
15/3/22	Av Silva	Local
15/3/22	Rua Santa Maria	Local
15/3/22	Rua Santa Teresinha	Local
15/3/22	Rua Mal Floriano Peixoto	Local
15/3/22	Tv Rio Branco	Local
15/3/22	Praça Dionísio Evilásio	Local
15/3/22	Rua São Lourenço	Local
15/3/22	Rua Mal. Floriano Peixoto	Local
15/3/22	Terceira Travessa Rua Bahia	Local
15/3/22	Rua Alagoinhas Velha	Local
15/3/22	Rua Aurea Cravo	Local
15/3/22	Rua Quatorze de Janeiro	Local
15/3/22	2ª Travessa Ayrton Senna	Local
15/3/22	N/I	Local
15/3/22	Rua O	Local
15/3/22	Rua São José	Local
15/3/22	TV Dois de Junho	Local
15/3/22	Rua Severino Vieira	Local
15/3/22	Tv. Quatorze de Janeiro	Local
15/3/22	Rua Atias F. da Silva	Local
15/3/22	Rua Thompson Flores	Local
15/3/22	Travessa Teresópolis	Local

15/3/22	Rua Edgar Bacelar Silva	Local
15/3/22	Rua Manoel Vitorino	Local
15/3/22	Rua Marechal Bitencourt	Coletora
15/3/22	Rua Conselheiro Franco	Arterial
15/3/22	Rua Vinte e Quatro de Maio	Coletora
15/3/22	Rua Dr. Pedro Pondé	Local
15/3/22	Rua Severino Viêira	Local
15/3/22	Travessa Severino Vieira	Local
15/3/22	Rua E Ltm Hermes Carvalho	Local
15/3/22	Rua G	Coletora
15/3/22	Rua Manoel Vitorino	Coletora
15/3/22	Rua A	Local
15/3/22	Rua Parque Imaculada Conceição (ou Tv. Cons. Junqueira? Ver potência)	Coletora
15/3/22	Tv Rio Branco	Local
15/3/22	N/I	Local
16/3/22	Rua Dom Pedro II	Local
16/3/22	Rua Conselheiro Saráiva	Local
16/3/22	Alameda das Águas	Local
16/3/22	Rua Paulo Afonso	Local
16/3/22	N/I	Local
16/3/22	Rua Visconde do Rio Branco	Local
16/3/22	Rua São Mateus	Local
16/3/22	N/I	Local
16/3/22	N/I	Local
16/3/22	Rua Santa Bárbara	Local
16/3/22	Rua B Principal	Local
16/3/22	N/I	Local
16/3/22	Rua Baixa da Candela	Local
16/3/22	Tv. Dr. Dantas Bião	Local
16/3/22	Rua Dr. Dantas Bião	Coletora
16/3/22	Rua São Pedro	Local
16/3/22	Rua Santo Antônio	Local
16/3/22	Praça da Bandeira	Local
16/3/22	Rua Manoel Vitorino	Local
16/3/22	Tv. Paulo Afonso	Local
16/3/22	N/I	Local
16/3/22	Rua T	Coletora
16/3/22	Rua São Francisco de Assis	Local
16/3/22	N/I	Local
16/3/22	Rua Aristóteles Souza Dantas	Coletora
16/3/22	Rua Gilberto Freire	Local
16/3/22	Rua K	Local
16/3/22	BA-504	Coletora
16/3/22	Av. Luís Viana	Local
17/3/22	Tv. João Dantas	Local
17/3/22	Rua Barão de Cotegipe	Local
17/3/22	Rua Conselheiro Saraiva	Local
17/3/22	Av. Joseph Wagner	Coletora

Os anexos 2 e 3 apresentam as tabelas completas, com os resultados encontrados nos grupos 1 e 2

A Figura 11 ilustra os pontos levantados durante o período.

Figura 11 – Mapa de levantamento de dados em campo



Legenda: Em azul as ações de levantamento amostral do grupo 1, em laranja as ações de levantamento amostral do grupo 2

Figura 12 - Levantamento no Distrito de Riacho da Guia



Figura 13 - Levantamento no Distrito de Boa União



O registro apresentado da Figura 14 à Figura 19 foi realizado durante o levantamento de campo e ilustram algumas situações do parque de IP de Alagoas.

Figura 14 - IP na Av. Luis Vianna



Figura 15 - Rua Elvira Dória com pontos paralelos de IP



Figura 16 - Pontos afastados da via na Estrada para Araçás

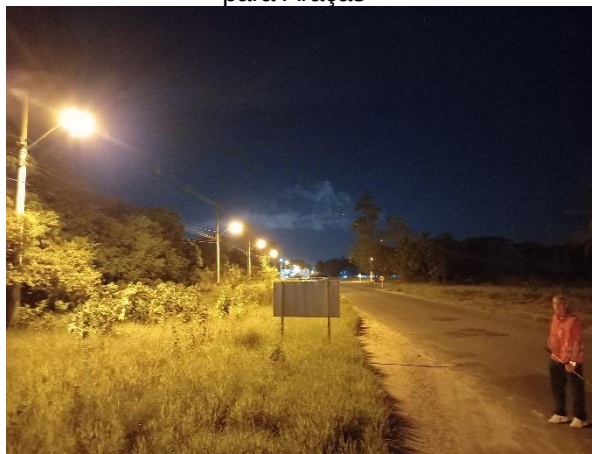


Figura 17 - Vias locais em pavimentação de terra, como na Rua Alfa

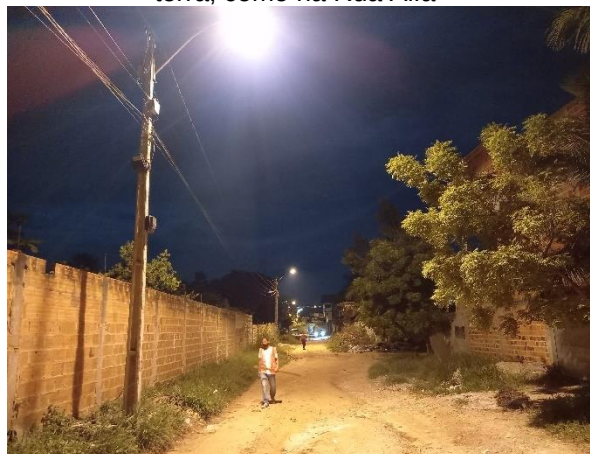


Figura 18 - Acendimento das luminárias em LED na Rua da Praça da Bandeira



Figura 19 - Pontos centrais e duplos na Av. Ayrton Senna



4.3 Inventário de Classificação das Vias

De acordo com a NBR 5101, a distribuição adequada das intensidades luminosas das luminárias é um fator essencial para a eficiência da iluminação viária. Essa

distribuição deverá atender aos níveis de tráfego entre às 18h e 21h e para isso é necessário a qualificação das vias em classe de V1 a V5 para veículos e P1 a P4 para pedestres de acordo com a referida norma e conforme será apresentado a seguir.

4.3.1 Classificações Viárias Municipais

O Plano Diretor Municipal (PDM) de Alagoinhas¹ define a hierarquização viária municipal sendo estas divididas em Arteriais, Coletoras e Locais, conforme o Código Brasileiro de Trânsito (CTB). Entretanto, o PDM vigente foi aprovado em 2004, com definições desatualizadas no que tange às demandas para o Diagnóstico Técnico Operacional.

Para definição do tema, o PDM, juntamente com planilha de arruamento disponibilizada pela Prefeitura, foram subsídios para elaboração de um documento, em formato de planilha, onde estão listadas todas as vias do município, bem como sua classificação segundo o CTB, fluxos de veículos e de pedestres.

Esse documento (planilha) foi entregue para que a PMA colaborasse com as classificações, validando o que foi atribuído por esta consultoria para vias arteriais, coletoras e de pedestres, fluxos de veículos e pedestres, conforme a NBR 5101. Essa foi a metodologia adotada pelo Consórcio Vital para a classificação viária a nível de iluminação pública visto que o município não a possuía.

Como proposta e orientação técnica para o preenchimento da planilha, foi elaborada a classificação hierárquica e classes de iluminação das Vias (Anexo 4), com base nos documentos e normas relatadas, pela experiência da equipe no trabalho de campo e nos estudos relacionados a esse Relatório, como analisado nos itens a seguir.

4.3.2 Classificação de Iluminação para Projeto de IP

De acordo com a NBR 5101/2018, as vias devem classificadas a partir das disposições previstas no Código de Trânsito Brasileiro. Para o projeto de Iluminação

¹ <<https://leismunicipais.com.br/plano-diretor-alagoinhas-ba>> Acessado em 28 de Abril, 2022.

Pública devem ser avaliadas as características da via e se estas contemplam dados de volume de tráfego ou de classificação de velocidade diferente (superior ou inferior) daquelas estabelecidas para cada tipo de via.

A partir dos atributos das vias e a intensidade de tráfego (Tabela 5 e Tabela 6), a norma estabelece as classes de iluminação das vias de trânsito de V1 a V5 (Tabela 7), assim como para vias de pedestres de P1 a P4 (Tabela 8). As normas da ABNT não cobrem critérios para classificação de praças, parques e pontos de ônibus.

Embora a norma ABNT 5101 não registre ou configure vínculo entre as classes de iluminação viária e a via de pedestres, na prática, tanto para projetos como para verificação/inspeção, o que se observa é a adoção dos mesmos índices para os dois “tipos de vias”, o que permite tal associação como orientação geral.

Tabela 5 - Tráfego Motorizado	
Classificação	Volume de tráfego noturno^a de veículos por hora, em ambos os sentidos, em pista única^b.
Leve (L)	150 a 500
Médio (M)	501 a 1.200
Intensa (I)	Acima de 1.200
^a Valor máximo das médias horárias obtidas nos períodos compreendidos entre 18 h e 12 h.	
^b Valores para velocidades regulamentadas por Lei	
NOTA Para vias com tráfego menor do que 150 veículos por hora, consideram-se as exigências mínimas do Grupo Leve (L) e, para vias com tráfego muito intenso, superior a 2400 veículos por hora, consideram-se as exigências máximas do grupo de tráfego intenso (I).	

Fonte: NBR 5101, 2018.

Tabela 6 - Tráfego de Pedestres *	
Classificação	Pedestres cruzando vias com tráfego motorizado
Sem Tráfego (S)	Como nas vias arteriais
Leve (L)	Como nas vias residenciais médias
Médio (M)	Como nas vias comerciais secundárias
Intenso (I)	Como nas vias comerciais principais
* O projetista deve levar em conta esta tabela, para fins de elaboração de projeto	

Fonte: NBR 5101, 2018.

Tabela 7 - Classes de iluminação para cada tipo de via - Veículos	
Descrição da via	Classe de Iluminação
Vias arteriais; vias de alta velocidade de tráfego com separação de pistas; vias de mão dupla, com cruzamentos e travessias de pedestres eventuais em pontos bem definidos; vias rurais de mão dupla com separação por canteiro ou obstáculo	
Volume de tráfego intenso	V1
Volume de tráfego médio	V2
Vias coletoras; vias de tráfego importante; vias radiais e urbanas de interligação entre bairros, com tráfego de pedestres elevado	
Volume de tráfego intenso	V2
Volume de tráfego médio	V3
Volume de tráfego leve	V4
Vias locais; vias de conexão menos importante; vias de acesso residencial	
Volume de tráfego médio	V4
Volume de tráfego leve	V5

Fonte: NBR 5101, 2018

Tabela 8 - Classes de iluminação para cada tipo de via - Pedestres	
Descrição da via	Classe de Iluminação
Vias de uso noturno intenso por pedestres (por exemplo, calçadas, passeios de zonas comerciais)	P1
Vias de grande tráfego noturno de pedestres (por exemplo, passeios de avenidas, praças, áreas de lazer)	P2
Vias de uso noturno moderado por pedestres (por exemplo, passeios, acostamentos)	P3
Vias de pouco uso por pedestres (por exemplo, passeios de bairros residenciais)	P4

Fonte: NBR 5101, 2018.

Definidas as classes de iluminação de cada via, para o atendimento exigido pela NBR 5101 os valores coletados em campo (Grupo 1) devem ter os parâmetros calculados de Iluminância Média Mínima ($E_{med.min}$) assim como de Uniformidade (U) acima dos valores atribuídos na Tabela 9 e na Tabela 10. Desta forma foram calculados os índices de atendimento à norma.

Tabela 9 - Iluminância média mínima e uniformidade para cada classe de iluminação – Veículos

Classe de Iluminação	Iluminância Média Mínima <i>Eméd,min</i> (lux)	Fator de Uniformidade mínimo $U=Emín/Eméd$
V1	30	0,4
V2	20	0,3
V3	15	0,2
V4	10	0,2
V5	5	0,2

Fonte: NBR 5101, 2018.

Tabela 10 - Iluminância média mínima e uniformidade para cada classe de iluminação – Pedestres

Classe de Iluminação	Iluminância Média Mínima <i>Eméd,min</i> (lux)	Fator de Uniformidade mínimo $U=Emín/Eméd$
P1	20	0,3
P2	10	0,25
P3	5	0,2
P4	3	0,2

Fonte: NBR 5101, 2018.

4.3.3 Definição das Classes de Iluminação das Vias do Município

O Plano Municipal de Alagoinhas encontra-se desatualizado (item 4.3.1) onde se estabelece a classificação, de acordo com o CTB, das vias municipais. Também não foram identificados documentos com informações sobre o volume de fluxo de pedestres e veículos por via.

Para consolidação dos dados, o Consórcio Vital em parceria com a PMA, elaborou tabela de fluxos diários de veículos e pedestres das vias municipais, a ser apresentada no Relatório de Estudos de Engenharia. Entretanto, para fins de diagnóstico, a consultoria propôs a classificação das vias (local, coletora e arterial), assim como suas respectivas classes de iluminação, conforme apresentado no Anexo 4.

Tais classificações, adotadas por logradouro têm como premissas, com algumas exceções:

- Vias locais: V5, V4 e P4;
- Vias Coletoras: V4, V3 e P3;
- Vias arteriais: V2 e P2;
- Rodovia BR-101: V1.

Observa-se a não classificação de vias municipais em classe V1. Vias de classe V1 tem características que se encaixam nas rodovias e vias urbanas de alta velocidade. Quando essas rodovias adentram pelas cidades, em nível, mantêm as características de V1 e as tarefas visuais correspondentes a esta classificação, como o caso de trecho da Rodovia BR-101, servindo de via principal de ligação entre bairros e distritos. Por outro lado, a PMA informou que as vias municipais não excedem o limite de 50 km/h, o que fortalece o diagnóstico de não adoção de classificação V1. No caso de Alagoinhas, as vias arteriais e coletoras se ajustam à classificação V2 e V3.

Com relação a pedestres, em áreas comerciais existem calçadas que admitem uma classificação P1 e algumas calçadas de vias principais atingem uma classificação P2.

A Tabela 11 demonstra a distribuição dos quantitativos de classes de iluminação por quantidade de endereços do município.

Tabela 11 – Distribuição de Endereços das Vias por Classe de Iluminação		
Classes de Iluminação	Quantidade de Vias	%
V2	453	2,30%
V3	329	1,67%
V4	742	3,77%
V5	17.202	87,27%
Praças	986	5,00%

Fonte: Prefeitura Municipal de Alagoinhas.

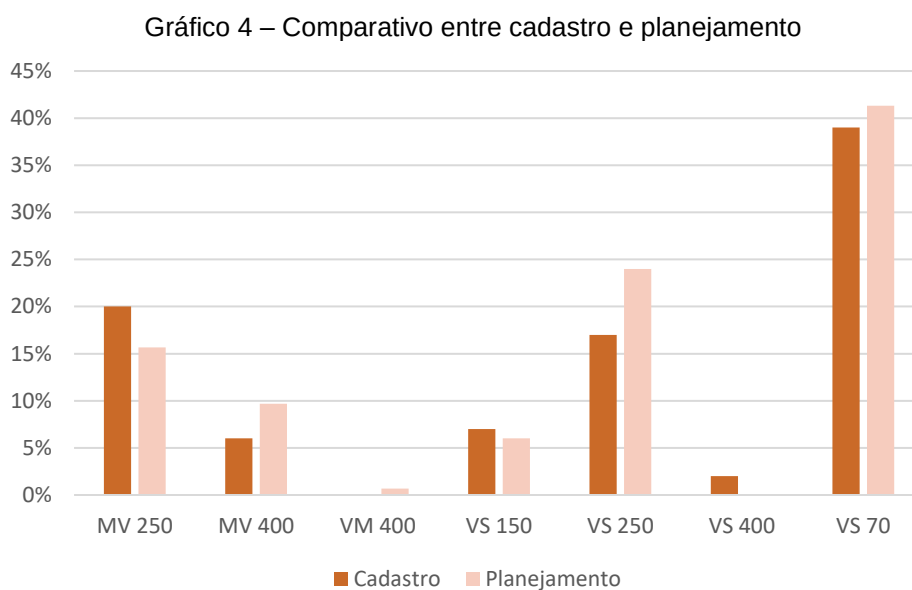
4.3.4 Distribuição das Ações por Classificação Viária e Demais Elementos

A distribuição das ações nas vias do município, seguindo as premissas adotadas no item 4.2.2, obteve como resultado uma visão ampla e diversa das situações envolvendo o parque de IP municipal.

Além dos pontos selecionados, situações básicas destacadas como interseções, passagem em dois níveis, ponte municipal, calçadas, entre outros, foram contempladas nos levantamentos e deverão ser devidamente solucionadas no Projeto de Engenharia. Os resultados referentes à distribuição amostral resultam na Tabela 12.

Tabela 12 - Distribuição dos Pontos Levantados por Classe de Iluminação		
Classificação	Quantidade de Pontos	%
V2	24	8%
V3	26	8%
V4	40	13%
V5	226	71%
Total Geral	316	29%

A distribuição comparativa entre os percentuais do Cadastro apresentado e do planejamento dos pontos é demonstrada pelo Gráfico 4



5 ANÁLISE DA CONFIABILIDADE DAS INFORMAÇÕES DO CADASTRO DE IP

5.1.1 Metodologia Geral

Para verificação da confiabilidade e compreensão da real situação do Sistema de Iluminação Pública do município de Alagoinhas, foram avaliados os seguintes dados:

- Caracterização da rede, a partir do cadastro existente (apresentado pela Coelba com 17.819 pontos), aplicando os parâmetros fixados pela norma ABNT NBR 5101/2012.
- Análises de campo amostrais, conforme norma ABNT NBR 5426, para:
 - ✓ viabilizar o tamanho da amostra necessária para permitir a verificação do cadastro;
 - ✓ medir a parâmetros luminotécnicos (através do uso de luxímetro para verificar os níveis de luminância e uniformidade à norma);
 - ✓ avaliar o estado de conservação dos equipamentos e avaliar aderência das instalações às normas, como altura da luminária, espaçamento entre postes, largura das vias e equipamentos fora do padrão – seja por má conservação, baixo rendimento ou por obsolescência;
- Classificação de vias em Relação ao Código de Trânsito Brasileiro (arterial, coletora ou local);
- Classificação viária e classes de Iluminação (em conjunto com a PMA);
- Qualidade e aderência do cadastro fornecido;
- Análise do modelo operacional de manutenção e implantação, incluindo metodologia, equipamentos e normas internas;
- Parâmetros da rede de distribuição de energia para IP, bem como suas características técnicas, qualidade de fornecimento, avaliação da carga instalada na rede IP e o consumo médio de energia;
- Estimativa da vida útil remanescente para os equipamentos existentes;
- Verificação das áreas de iluminação de destaque: patrimônio histórico e cultural, praças, parques e outras áreas de interesse público;

Com isso, o diagnóstico da situação atual, foi elaborado através de uma avaliação quantitativa e qualitativa do sistema de iluminação, da sua abrangência, deficiências,

inadequações gerais (que permeiam todo ou quase todo o parque) e das inadequações pontuais, permitindo identificar o que precisa ser feito, quais as prioridades e quais as limitações existentes.

Além do cadastro, foram ponderados os planos e interesses da Prefeitura para a cidade, com as seguintes avaliações:

- Avaliação dos projetos de expansão e modernização, demanda reprimida, crescimento orgânico, os quais terão seus percentuais apresentados no projeto luminotécnico, e seus impactos na iluminação pública;
- Avaliação dos interesses da Prefeitura quanto à iluminação pública, incluindo áreas de interesse especial, prioridades e expansões;
- Mapeamento dos pontos e tipos de lâmpadas de Iluminação Pública enviado pela Prefeitura Municipal de Alagoinhas (PMA);
- Planilha de classificação viária e classes de iluminação elaborada em conjunto com a PMA;
- Mapa de Hierarquização Viária do Plano Diretor de Desenvolvimento Municipal de Alagoinhas;
- Mapa de bairros com a localização dos estabelecimentos de serviços do município de Alagoinhas;

Nos Estudos de Engenharia e Afins, serão projetadas e dimensionadas as possíveis soluções, quantificados os custos e analisados os respectivos benefícios.

Para a elaboração de todo o trabalho, será observado a norma ABNT NBR 5101/2018, além das normas cabíveis a cada análise específica.

5.1.2 Nível de Confiança do Cadastro de IP

Após a vistoria, foi possível analisar a aderência dos dados contidos no cadastro georreferenciado pela Distribuidora e coletados em campo, através das medições realizadas (Tabela 13).

Tabela 13 – Aderência do Cadastro	
Dado do Cadastro	%
Potência	63%
Tipo de Lâmpada	65%
Localização Geográfica	100%

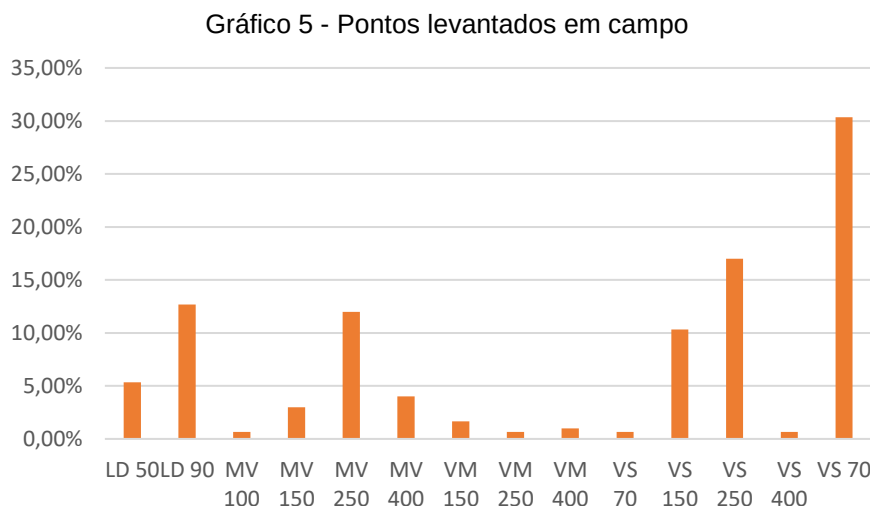
Fonte: Elaboração Consórcio Vital, 2022

Todos os pontos planejados pelo cadastro georreferenciado para o levantamento foram encontrados em campo, resultando em 100% de aderência do cadastro da Coelba.

Em relação às potências e tipo de lâmpada, o cadastro apresentado apresenta aderência abaixo dos 96% determinado pela norma NBR 5426. Os estudos e entrevistas junto à PMA concluem que os seguintes fatores são essenciais para tais números:

- Cadastro georreferenciado elaborado anteriormente a 2018, revelando-se desatualizado à atual realidade do município;
- Modernizações e eventuais modificações nos pontos das vias.

Esclarece-se que, apesar dos números desfavoráveis a aplicação de verificação da NBR 5426, a aderência dos pontos em relação ao tipo e potência não são fatores essenciais para o projeto de engenharia, visto que tecnologias convencionais (VS, MV e VM), assim como os pontos em LED com garantias ultrapassadas serão considerados como pontos a serem substituídos. O Gráfico 5 representa os percentuais de tipo e potências levantados em campo.



5.2 Iluminação Especial

A iluminação Especial será implantada em áreas de interesse que demandam iluminação de destaque, como áreas de patrimônio histórico e cultural, espaços públicos, parques e outros espaços similares, conforme abordado no TR.

A PMA foi entrevistada e o mapeamento das áreas se deu conforme apresentado nos tópicos do presente item.

5.2.1 Mapeamento das Áreas de Interesse

A PMA, por meio de ofício da Secretaria de Cultura, Esporte e Turismo (SECET/PMA), apresentou as áreas de interesse de Iluminação de destaque a seguir:

- Lista de Bens de Valor Histórico e Cultural:
 - Praça Dr. Pedro Dória;
 - Praça Professor Mario Laert;
 - Praça Conselheiro Rui Barbosa;
 - Praça J.J. Seabra;
 - Igreja de Santo Antônio (Inacabada), em Alagoinhas Velha
 - Praça da bandeira;
 - Praça Dr. Graciliano de Freitas;
 - Rua 15 de Novembro;
 - Rua Dois de Julho;
 - Praça da Saudade;
 - Parque de Exposição Miguel Fontes;
 - Cemitério da Kalu.

A Figura 20 e a Figura 21 demonstram alguns exemplos dos pontos mapeados pela PMA.

Figura 20 - Iluminação na Praça JJ Seabra



Figura 21 - Entrada do Estádio Municipal



5.2.2 Critérios de Priorização das Áreas

Conforme estabelecido no Termo de Referência do presente contrato, os projetos a serem desenvolvidos para Iluminação necessitam de classificação para escolha de cinco projetos conceituais.

A decisão da PMA apresentada a seguir, com apoio técnico da CAIXA e da equipe do Consórcio Vital, foi tomada de forma a destacar os principais pontos turísticos e culturais do município, em contato direto com suas respectivas Secretarias.

As premissas para a escolha dos cinco locais foram:

- Áreas de atrativo público/turístico;
- Locais contemplados com monumentos ou construções de interesse arquitetônico, histórico ou social.

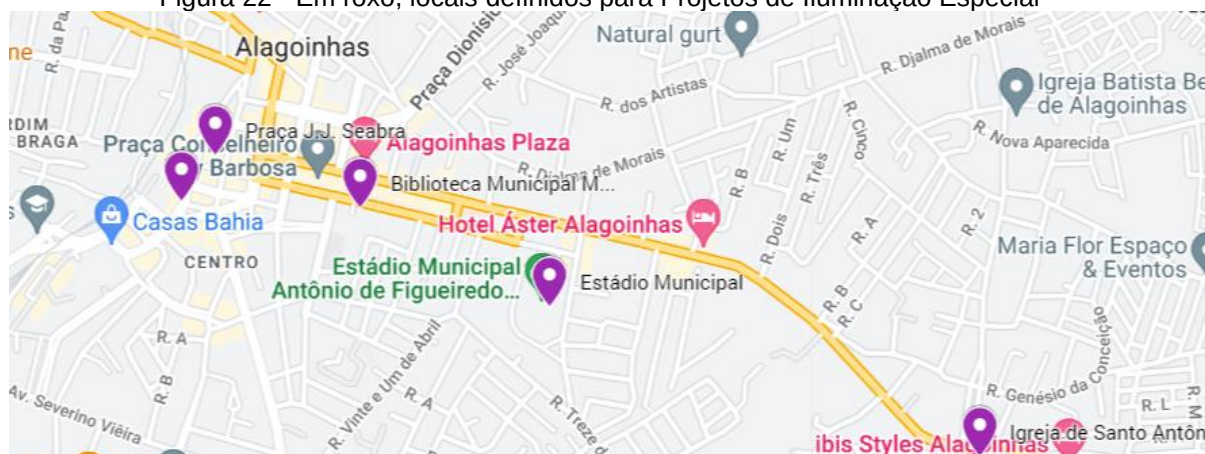
5.2.3 Validação das Áreas de Interesse Final

Foram definidos os seguintes locais para o desenvolvimento dos projetos conceituais de Iluminação de Destaque:

- Biblioteca Municipal Maria Feijó;
- Praça JJ Seabra (conjunto com coreto e arquitetura);
- Igreja de Santo Antônio (Inacabada), em Alagoinhas Velha;
- Entorno do Estádio Municipal Antonio de Figueiredo Carneiro;
- Prédio da Prefeitura Municipal.

Os locais definidos encontram-se mapeados na Figura 22.

Figura 22 - Em roxo, locais definidos para Projetos de Iluminação Especial



5.3 Áreas com Deficiências de Cobertura

As áreas mais isoladas do centro urbano, como áreas de sítios ou de novos loteamentos, são as vias com maiores índices de deficiência de IP no município.

Segundo a PMA, as áreas com maiores deficiências de cobertura de Iluminação Pública são:

- Pirineu;
- Miguel Velho;
- Santa Teresinha.

5.4 Demanda Reprimida

Para mapear as áreas com potencial deficiência de cobertura, utilizou-se o cadastro georreferenciado como base. As vias “vazias” de pontos foram levantadas e plotadas sobre imagens da mancha urbana existente. Para estimativa do quantitativo de pontos foram adotadas as seguintes etapas e premissas:

- Acessos das rodovias à Sede e aos Distritos;
- BR-101 dos trechos urbanos;
- Implantação de postes a cada 35,00 metros;
- Soma das distâncias medidas dos trechos urbanizados “vazios” de pontos do cadastro;
- Divisão da distância dos trechos por 35,00 metros, obtendo-se a estimativa de demanda reprimida local.

A metodologia utilizada é representada na Figura 23, na Figura 24 e na Figura 25.

Figura 23 - Visão global dos trechos mapeados. Em vermelho, trechos urbanizados “vazios”



Figura 24 – Demanda reprimida prevista nos acessos ao Distrito de Riacho da Guia

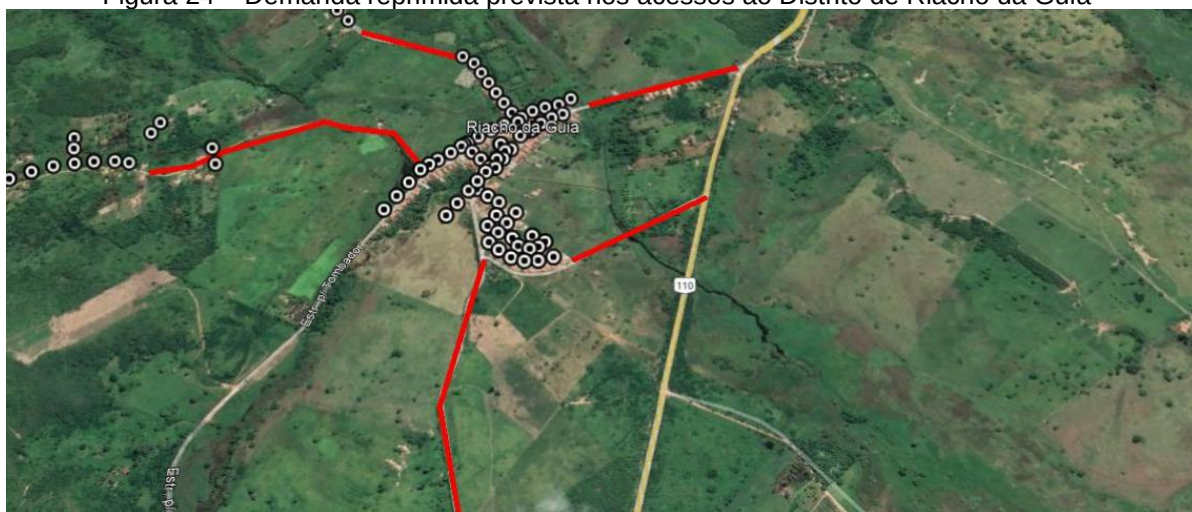


Figura 25 – Demanda reprimida no trecho da BR-101



O resultado das somas dos trechos mapeados está apresentado na Tabela 14.

Tabela 14 – Estimativa de Demanda Reprimida por Via		
Distrito	Somatório dos Trechos (m)	Quantidade Estimada
Sede	12.657	362
BR-101 (Sede)	6.100	175
Boa União	3.540	102
Riacho da Guia	3.544	102
TOTAL	25.841	739

5.5 Mapeamento de Projetos de IP em LED

Durante o período de levantamento de campo foi observado que diversas vias da Sede municipal foram contempladas por iluminação com tecnologia LED. A

quantidade de pontos modernizados expressiva não é atualizada dentro do cadastro da Distribuidora Coelba. Tais luminárias encontram-se em vias principais e locais.

A PMA informou que foram implantados pontos de IP LED com potência de 90 W, apesar de não ser relatado os quantitativos desses. Ainda, foram verificados diversos pontos em LED nas praças, também não atualizados no cadastrado apresentado.

Foi relatado pela PMA que tais modernizações ocorreram a partir do ano de 2019, sendo que tais pontos não terão impacto nos projetos, visto que a garantia desses (estimativa máxima de 5 anos), já haverá vencido. Portanto, o Projeto de Engenharia deverá considerar a substituição de todos esses pontos.

Além da questão das garantias, o futuro Concessionário, ao assumir o Parque, não poderá garantir a eficiência e a eficácia dos pontos atuais em LED, visto que o mais provável é que as luminárias atuais não se enquadrariam no Projeto Executivo a ser elaborado.

As vias com tecnologia LED observadas nos levantamentos de campo estão devidamente identificadas no Anexo 3 do presente Relatório.

5.6 Plano Diretor de Iluminação Pública

Não foi identificado Plano Diretor de Iluminação Pública municipal assim como indicativos de sua elaboração.

5.7 Recursos Federais/Estaduais de Implantação/Modernização

Não foram identificados recursos Federais/Estaduais em relação a projetos de Iluminação Pública no município.

5.8 Existência de Passivos

Não foram identificados passivos operacionais, ambientais ou de qualquer outra ordem que impactem o projeto.

5.9 Existência de Termo de Ajustamento de Conduta (TAC)

Não foi identificada a existência de TAC em relação a IP no município.

6 ANÁLISE DO MODELO ATUAL DE OPERAÇÃO E MANUTENÇÃO

6.1 Gestão, Operação e Manutenção do Parque de IP

A Secretaria Municipal de Serviços Públicos (SESEP/PMA) tem por finalidade controlar e executar as atividades relacionadas à prestação de serviços públicos municipais e à proteção urbanística da cidade. Ela estabelece medidas que disciplinam o exercício comercial e das feiras livres; controla e fiscaliza as atividades em vias e logradouros públicos; autoriza o uso de logradouros públicos para a realização de atividades artísticas, culturais, esportivas e coordena a execução de serviços de apoio a festas populares. A SESEP é a responsável pela administração, manutenção e conservação dos cemitérios municipais e fiscaliza os cemitérios particulares. Ela coordena e fiscaliza os serviços de limpeza urbana e de coleta de lixo; administra e fiscaliza o aterro sanitário e promove a manutenção e conservação das praças, canteiros e áreas verdes públicas.

Submetida à SESEP, a Coordenação de Iluminação Pública (COIP), tem como responsabilidades, nos serviços da zona urbana e rural:

- Todos os serviços pertinentes a iluminação pública;
- Trocas de lâmpadas, braços, reatores e relés;
- Manutenção diária da Iluminação Pública.

6.2 Acordo Operativo com Distribuidora de Energia

Em 06 de Agosto de 2008 a PMA e a Distribuidora Coelba assinaram contrato em que se ajustaram a celebração do “Contrato de Fornecimento de Energia Elétrica e Utilização de Postes Para Iluminação Pública”.

Nesse documento se estabelecem as responsabilidades entre as partes, declarando a Prefeitura com a operação, manutenção, modificações e ampliações do parque, além dos meios de faturamento do consumo da energia elétrica.

Desta forma, a partir da data de celebração, o SIP de Alagoinhas fica sob responsabilidade da PMA, ou seja, houve o acordo de cessão dos bens de IP.

6.3 Serviços de Fornecimento, Instalação de Ativos e Modelo Operacional dos Municípios

6.3.1 Ações da Coordenação de Iluminação Pública (COIP/SESEP)

A COIP realiza fundamentalmente a gestão e fiscalização dos contratos de manutenção, caracterizando o serviço de Iluminação Pública Municipal como terceirizados às empresas contratadas. Hoje todos os serviços, assim como fornecimento de insumos, estão contratados pela Prefeitura.

6.3.2 Contrato Elite Engenharia

Em março de 2022, dois contratos municipais (nº 136/2020 e nº 070/2021), foram substituídos pelo contrato nº 112/2022, tendo como objeto a “Contratação de Empresa Especializada para Prestação de Serviços da Gestão Plena do Parque de Iluminação Pública, com Fornecimento de Material e Mão de Obra Contemplando: Manutenções Preventivas e Corretivas; Projetos de Melhorias, Eficientização Energética e Expansão do Parque de Iluminação Pública; Cadastramento Georreferenciado do Município de Alagoinhas/Bahia”.

No ano de 2021 foi pago o valor de R\$2.170.861,17 aos dois contratos citados, considerando-se, assim, como os valores de CAPEX e OPEX do período com o Parque de IP.

O contrato precisa estar ligado com o projeto de Engenharia e demais áreas pelo seu escopo e pelo seu cronograma. A terceirização prevê modernizações e expansões que serão devidamente levados em consideração no Projeto de Engenharia. Da mesma forma, as datas envolvidas nos contratos (assinatura, ordem de início etc.) foram inseridas para avaliação dos riscos no horizonte de implantação da presente modelagem de PPP. A Tabela 15 representa o resumo das informações coletadas pela PMA.

Tabela 15 - Resumo do Contrato de Terceirização

Escopo	Contratação de Empresa Especializada para Prestação de Serviços da Gestão Plena do Parque de Iluminação Pública, com Fornecimento de Material e Mão de Obra Contemplando: Manutenções Preventivas e Corretivas; Projetos de Melhorias, Eficientização Energética e Expansão do Parque de Iluminação Pública; Cadastramento Georreferenciado do Município de Alagoinhas/Bahia
Valor do Contrato	R\$ 5.784.999,99
Assinatura do Contrato	25/02/2022
Fim da Vigência	25/02/2023

O contrato, instituído de forma a assegurar a manutenção, operação, expansão, modernização e outros, foi realizado de forma a Empresa manter mão de obra e fornecimento de materiais para o SIP. São previstos no Edital:

- Serviços de Manutenção do Parque de IP:
 - Cadastramento georreferenciado (18.223 pontos);
 - Operação e Manutenção do parque de IP;
- Lâmpadas e reatores convencionais;
- Cabos, postes, serviços e materiais para obras civis;
- Luminárias em tecnologia LED, assim como os serviços e insumos (1.148 luminárias);
- Destinação e descarte de Lâmpadas;
- Materiais de eventos.

O número de pontos observados no cadastramento a ser executado, difere em 404 pontos do cadastro georreferenciado. Tal número deve ser apontado como o crescimento de pontos no município desde a elaboração do Cadastro elaborado pela Coelba.

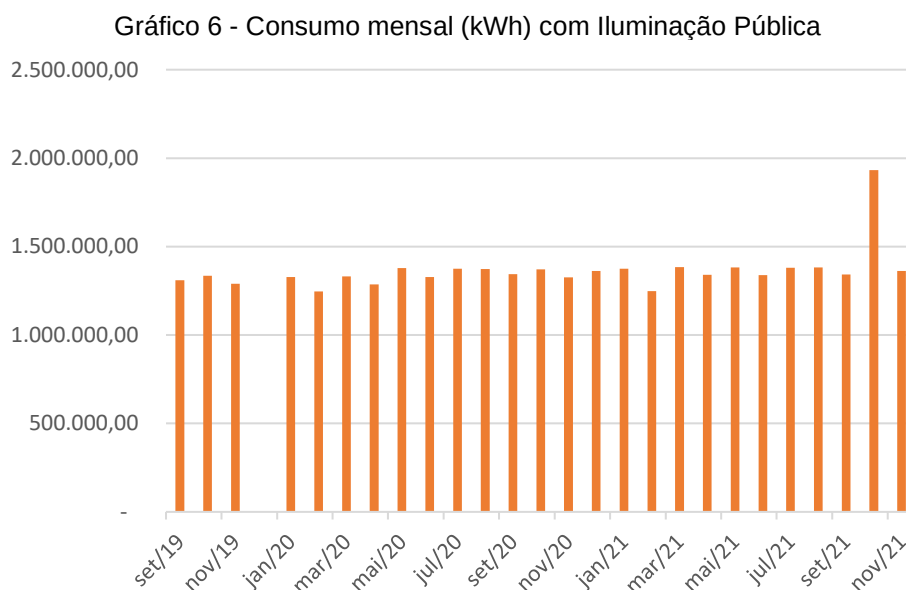
7 ANÁLISE DO PARQUE DE ILUMINAÇÃO PÚBLICA

7.1 Projeção para Projetos de Expansão, em Andamento e Necessidades

A PMA informou que, apesar de intenções de projetos relacionados a Iluminação Pública, não existem projetos ou previsões de ações dessa área da Secretaria Municipal de Serviços Público (SESEP). Foi colocado também que caso intenções de ampliações ou modernizações do sistema se concretizem, serão dadas por ordem de serviços no contrato nº 112/2022.

7.2 Carga Instalada e Consumo Médio Atuais

A Prefeitura Municipal de Alagoinhas apresentou as contas de luz entre os anos de 2019 e 2021, conforme gráfico abaixo.



A média de consumo municipal é de 1,36 GWh/mês, sendo 1,24 GWh/mês de média de consumo de pontos estimados, e o restante em medições diretas dos pontos.

7.2.1 Aderência do Consumo com os Cadastros

Para verificação da aderência foi utilizado como referência a quantidade de pontos e a carga instalada do cadastro não georreferenciado apresentado pela PMA (Contrato Elite).

Assim, para comparação com o consumo mensal médio mensal, foram elaborados cálculos estimativos dos consumos de energia, tendo por base:

- Estimativa de tempo de consumo: 11:28 (11,47)² horas/dia;
- Carga instalada de cadastro: 3.460.954 W;
- 30 dias por mês.

Desta forma, o cálculo de consumo foi estimado, a partir dos dados contidos no Cadastro Coelba (2018), através da seguinte equação:

$$11,47 \text{ h} \times 30 \text{ dias} \times 3.460.954 \text{ W} = 1.190.914.271,40 \text{ Wh/Mês}$$

Considerando que tal estimativa não representa os pontos de medição direta e já inclui as perdas no SIP (reatores e demais elementos), o valor de 1,19 GWh/mês apresenta uma diferença de 4% da média de consumo de pontos estimados nas contas de luz (1,24 GWh/mês). Como não foi disponibilizado o memorial de cálculo da Distribuidora, acredita-se que, provavelmente, tal diferença deriva-se de premissas diferentes para o cálculo do consumo, como por exemplo, o tempo de consumo.

Esse cadastro se mostrou mais aderente que o cadastro georreferenciado, com valor de 1,04 GWh/mês, ou seja, 16% menor que a média de consumo de pontos estimados nas contas de luz (1,24 GWh/mês).

O Consórcio Vital entende que, entre outras, a razão mais provável da menor aderência do cadastro georreferenciado se dá por falta de atualização. O projeto de engenharia utilizará, portanto, o cadastro recebido em 2022 e que se mostrou aderente ao consumo de pontos estimados das contas de luz.

² Resolução Homologatória Nº 2.590, DE 13 de Agosto de 2019, ANEEL

7.3 Avaliação do Parque de Iluminação Pública

7.3.1 Análise Geral da Qualidade do Parque

De maneira geral, o parque de IP de Alagoinhas segue padronização em relação a classificação viária (CTB) existente, porém, a níveis de classes de iluminação (NBR 5101), ainda há deficiência, principalmente nas vias locais e coletoras.

Ainda, algumas situações básicas previstas pela NBR 5101 precisam ser levadas em consideração para dimensionamento de projeto de projeto de engenharia. Os próximos itens detalham tais situações levantadas em campo e nos estudos.

7.3.1.1 Linhas Férreas

A Sede do município de Alagoinhas possui linhas férreas em atividade (Figura 26 e Figura 27), com cruzamentos em nível com a ferrovia. Sobre essa questão, a norma NBR 5101 demanda ao seu cumprimento da seguinte forma:

- “Estes cruzamentos devem ser iluminados de modo a permitirem identificação da existência de um cruzamento, presença ou não de trem no cruzamento e reconhecimento de objetos ou veículos não iluminados, já próximos ou não do cruzamento com a ferrovia. O princípio geral a ser seguido na seleção das luminárias e na escolha das suas posições, quanto à iluminância, em lux, sobre a área do leito da ferrovia, recomenda que a dimensão longitudinal da via iluminada, antes do cruzamento, em metros, seja numericamente igual à velocidade máxima, em quilômetros por hora, permitida aos veículos nas proximidades do cruzamento.”

Tais fatores serão devidamente levados em conta para o Projeto de Engenharia a ser desenvolvido.

Figura 26 - Interseção com via férrea na Rua Macário Mendes



Figura 27 - Interseção com linha férrea na Rua Quinze de Novembro



7.3.1.2 Rodovias

Trecho da Rodovia BR-101 faz parte da malha urbana da cidade, sendo usada não só pelos veículos que transitam pela rodovia, como também como entre os bairros e distritos do município.

Na análise do cadastro e das rondas em campo, foi verificada a existência de pontos de IP nas vias paralelas e próximas a via, assim como nas rotatórias e entroncamentos de acesso aos bairros da Sede. Como exposto no item 5.4 Demanda Reprimida, foi considerada como demanda reprimida o trecho que circunda a área urbana, pois esse não está contemplado com IP.

Para a execução da PPP em elaboração, para implantação de IP no trecho citado, a PMA necessitará de acordos com o órgão responsável pela Rodovia. Sugere-se que as tratativas sejam iniciadas no curso das Etapas iniciais dessa estruturação da PPP.

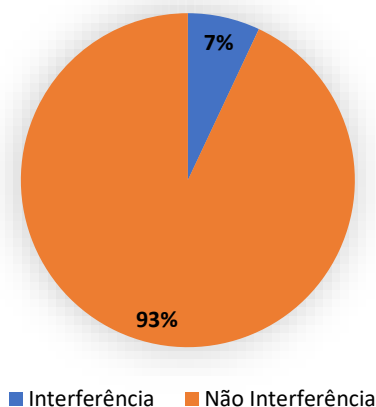
7.3.1.3 Ligações Sede/Distritos

Sobre os distritos, a implantação de IP entre a sede e seus centros, pelas rodovias, será impactante no Projeto pelas suas distâncias consideráveis. Portanto, o Projeto de Engenharia a ser desenvolvido irá considerar no dimensionamento como demanda reprimida a implantação de IP apenas nos acessos das rodovias aos dois Distritos apresentados no item 5.4.

7.3.1.4 Interferência Arbórea no SIP

Em estudo dirigido à interferência arbórea na Iluminação Pública municipal, a PMA apresentou o Relatório de Censo de Indivíduos Arbóreos, datado de março de 2022, de elaboração da Secretaria de Desenvolvimento Econômico e Meio Ambiente (SEDEA/PMA). De um total de 785 árvores, levantadas nas vias planejadas no trabalho de campo do presente Relatório, a porcentagem de interferência de indivíduos arbóreos que interferem no SIP é de aproximadamente 7%, representado pelo Gráfico 7.

Gráfico 7 - Interferência de indivíduos arbóreos na IP



Fonte: Censo de Indivíduos Arbóreos, PMA, 2022

Como conclusão, o Relatório aponta os números levantados como favoráveis às ações de podas, sem necessidade de supressão de vegetação para as futuras adequação do SIP. Prontamente, irá colaborar com a Fauna local, visando o bem-estar, a melhoria e qualidade de vida da população, proporcionando então, um ambiente mais harmônico e cheio de luz.

7.3.2 Resumo das Amostras

DIAGNÓSTICO DO PARQUE DE ILUMINAÇÃO PÚBLICA - RESULTADOS DO TRABALHO DE CAMPO

Parâmetros do Parque de IP - Grupo I - Iluminância

**Tamanho do
Parque de IP:**

19.711

**Data de início
da visita:**

14/03/2022

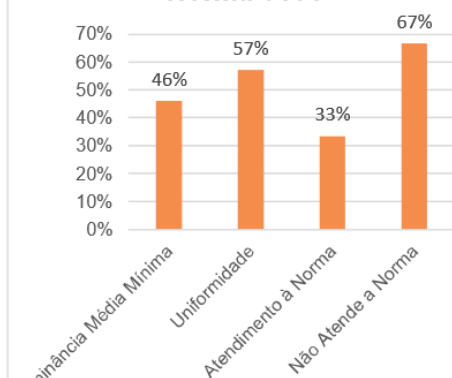
**Data de
término da
visita:**

17/03/2022

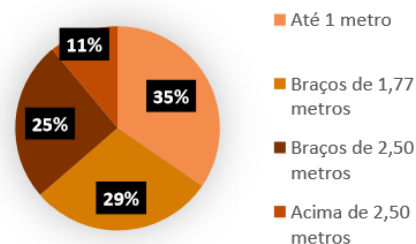
**Vistoria
Grupo I:
126 pontos**

**Vistoria
Grupo II:
316 pontos**

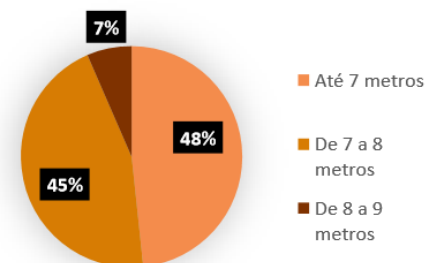
**Nível de Atendimento a
Norma 5101**



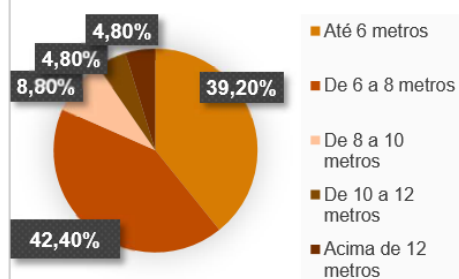
Projeção de braço



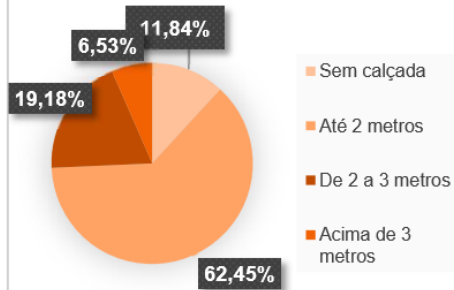
Altura de montagem



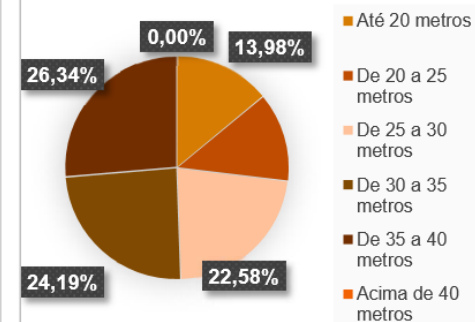
Largura da via



Larguras de Calçadas



Distância entre Postes



7.3.3 Grupo 1: Iluminância

Seguindo a norma NBR 5101:2018, item 5.1.2 – Requisitos de Iluminância e Uniformidade, as recomendações utilizadas para vias de veículos e pedestres são os parâmetros utilizados no estudo para verificação de atendimentos. São esses:

- $E_{\text{méd}}$: Iluminância média dos pontos coletados e calculados na malha ;
- $E_{\text{Mín}}$: Iluminância mínima da malha;
- Uniformidade: Razão entre a iluminância mínima e média, representada por:

$$U = E_{\text{Mín}}/E_{\text{Méd}}$$

Em comparação ao exposto no item 4.2.1, os levantamentos de campo apontaram que a porcentagem de atendimento dos fatores de Iluminância Média ($E_{\text{Méd}}$) e Uniformidade (U), de acordo com sua classe de iluminação, estão significativamente em desacordo com a Norma NBR 5101:2018. Estes dados estão apresentados na Tabela 16.

Tabela 16 – Porcentagens de Atendimento à Norma – Vias			
Classe de Iluminação	Iluminância Média Mínima ($E_{\text{Méd}}$)	Uniformidade (U)	Atendimento Pleno (U e $E_{\text{Méd}}$)
V2	57,1%	85,7%	57,1%
V3	33,3%	33,3%	16,7%
V4	100,0%	50,0%	50,0%
V5	83,3%	57,1%	47,6%

Fonte: Elaboração Consórcio Vital

Da mesma forma, os levantamentos de campo demonstraram que grande parte das vias de pedestres dos logradouros não estão de acordo com a NBR 5101. Os dados estão explicitados na Tabela 17.

Tabela 17 – Porcentagens de Atendimento à Norma – Calçadas			
Classe de Iluminação	Iluminância Média Mínima ($E_{\text{Méd}}$)	Uniformidade (U)	Atendimento Pleno (U e $E_{\text{Méd}}$)
P2	77%	77%	50%
P3	89%	33%	20%
P4	96%	62%	56%

Fonte: Elaboração Consórcio Vital

O Anexo 2 do presente Relatório detalha os pontos levantados na parte de Iluminância.

7.3.4 Grupo 2: Estrutural

De maneira geral, foi observado, que o SIP do município possui distribuição estrutural dos ativos de forma regular em relação às classes viárias existentes. Por consequência, as distribuições entre classes de iluminação também têm tendência de distribuição regular.

A Tabela 18 mostra os valores típicos encontrados nos dados levantados. Tais valores subsidiarão as alternativas para soluções no projeto de engenharia a ser elaborado.

Tabela 18 – Valores Típicos por Classe Viária				
Classe de Iluminação	Largura da Via (m)	Espaçamento entre Pontos (m)	Altura de Montagem (m)	Comprimento dos Braços (m)
V2	9,46	32,15	7,91	2,37
V3	8,93	35,10	7,37	2,20
V4	7,54	36,98	7,37	1,85
V5	6,56	35,16	6,99	1,36

Fonte: Elaboração Consórcio Vital

Do Gráfico 8 ao

Gráfico 12 é demonstrado a distribuição percentual dos parâmetros estruturais levantados em relação às respectivas classes de iluminação. Nota-se que existe relação de distribuição dos dados levantados com grande relação de proporções de dados concentrados em certos intervalos, independentemente de sua classificação.

Gráfico 8 - Distância Entre Postes

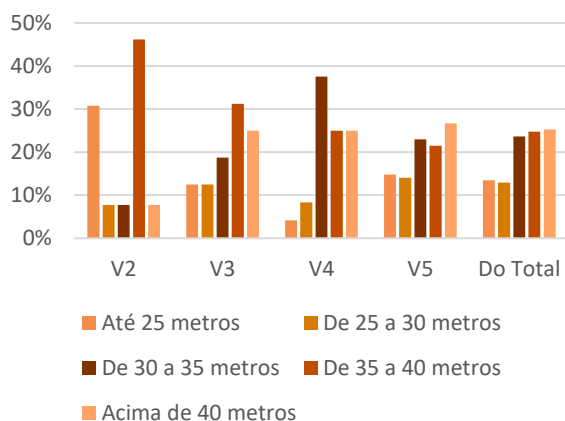


Gráfico 9 - Largura da Via

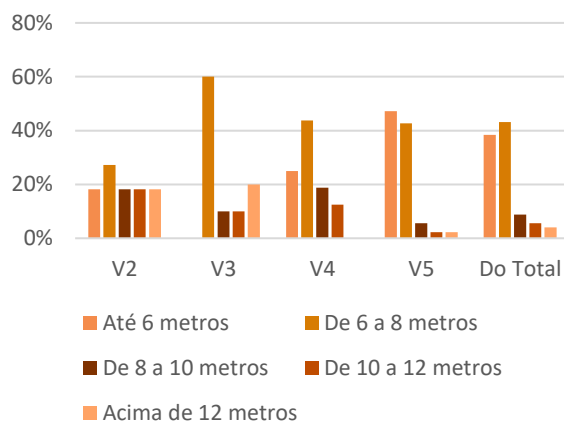


Gráfico 10 - Largura da Calçada

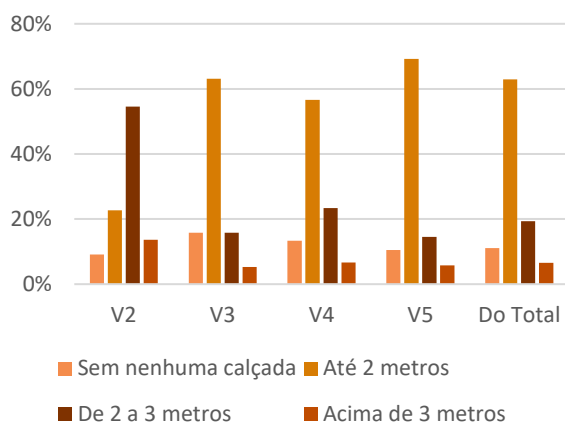


Gráfico 11 - Altura das Luminárias

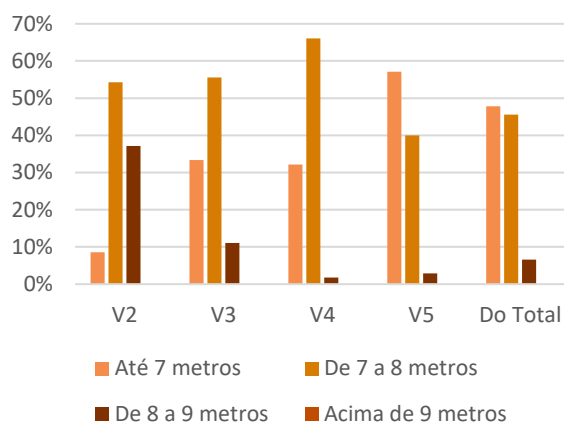
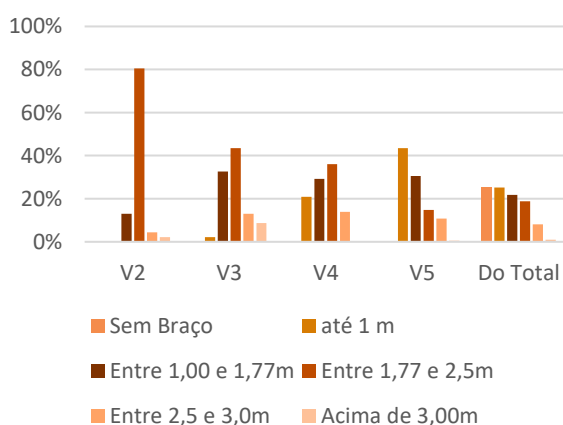


Gráfico 12 - Projeção dos Braços



As calçadas das vias estudadas encontram sua distribuição conforme Tabela 19:

Tabela 19 - Distribuição das Vias de Pedestres por Classe de Iluminação	
Classes de Iluminação	Largura Média
P2	2,40
P3	2,44
P4	1,83

Fonte: Prefeitura Municipal de Alagoinhas

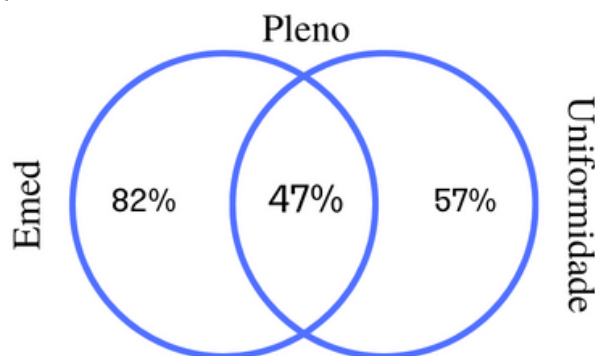
O Anexo 3 desse Relatório traz a tabela de resultados obtidos através dos levantamentos realizados em campo para o Grupo 2 – Estrutural.

7.3.5 Avaliação dos Resultados

Para estimativa de atendimentos totais das vias do parque de IP, foram utilizados os valores da Tabela 16 ponderados pelas proporções da Tabela 12. Dessa forma, buscou-se transportar os resultados por tipo de via para a totalidade viária do Município de Alagoinhas.

O Parque de IP do município de Alagoinhas aparece com 47% das vias estudadas em campo como atendente às determinações na norma NBR 5101. A Figura 28 ilustra a interseção de atendimento pleno.

Figura 28 - Porcentagens de atendimento por tipo de via



De acordo com o levantamento de campo, pode-se afirmar que tais valores, por tipo de classe de iluminação viária são consequências de:

- Enquanto as vias classificadas como V2 apresentam condições relativamente favoráveis estruturalmente (braços de 2,5 m, com potências de lâmpadas de 250 W e 400 W), as vias V3 e V4 possuem configurações

com baixa potência (70 W, 150W) e comprimento de braços insuficientes para cobertura da via (1,00 m e 1,77 m);

- Dessa forma, a condição estrutural de espaçamento entre os pontos de 35,00 m também se torna um fator desfavorável às medições.

Conforme relatado no item 5.5, as vias principais (algumas V3 e V4 inclusas) da cidade foram modernizadas em tecnologia LED, alcançando atendimento favoráveis à NBR 5101. Assim, para o Projeto de Engenharia, tais condições serão determinantes para o dimensionamento de correção de pontos escuros (implantação de novos pontos) nessas vias.

Ainda, situações de baixa urbanização em vias V5 e V4 (sem pavimentação, p.ex.) têm como consequência baixos índices de iluminação. Essa situação é mais frequente nas vias de bairros periféricos da cidade, com vãos e potências de lâmpadas aquém aos necessários para atingimento dos valores orientados pela norma NBR 5101.

As soluções a serem apresentadas, com base no presente Relatório de Diagnóstico Técnico e Operacional, terão os seguintes vetores de dimensionamentos quantitativos:

- **Modernização:** Substituição do parque de tecnologia convencional e de luminárias fora do tempo de garantia por tecnologia LED;
- **Expansão:** Crescimento vegetativo do parque;
- **Correção de pontos escuros/Demanda Reprimida:** Correção de vãos e demanda reprimida (vias sem implantação de IP).

7.4 Vida Útil Remanescente dos Ativos Existentes

7.4.1 Luminárias Convencionais

Uma série de contratos e aditamentos foram firmados para realizar manutenções, substituições de lâmpadas, luminárias e outros acessórios, assim como implantação de pontos novos, inclusive de destaque.

Durante as vistorias foi verificada a existência de luminárias convencionais em bom estado de conservação e que ainda podem suportar mais 5 anos. Entretanto, acredita-se aqui não fazer sentido mantê-las, levando-se em consideração a economia de escala na aquisição das próximas luminárias LED.

Mesmo reformadas em curto prazo, esses pontos não alteram as dimensões de projeto, pois serão substituídos por estarem aquém do que a tecnologia LED oferece a nível de eficiência, conforme será detalhado no Projeto de Engenharia.

7.4.2 Luminárias em LED

Apresentado no item 5.5, as modernizações em tecnologia LED apresentadas pela PMA e vistoriadas em campo são em números de pontos expressiva, alcançando vias locais e principais. A PMA informou que essa implantação ocorreu em 2020 com garantia de 60 meses. A mesma não precisou a quantidade de pontos modernizados, informando que as luminárias possuem potência de 90 W.

De maneira geral, foram observados bons índices de iluminância nas vias (item 7.3.3), porém, dado o tempo de implantação e garantia, em relação com o tempo para início da execução da PPP, esses pontos deverão ser substituídos por novas luminárias no Projeto de Engenharia a ser elaborado.

A Figura 29 e a Figura 30 são alguns exemplos da modernização em LED no município.

Figura 29 - Luminárias em LED na Av Joseph Wagner

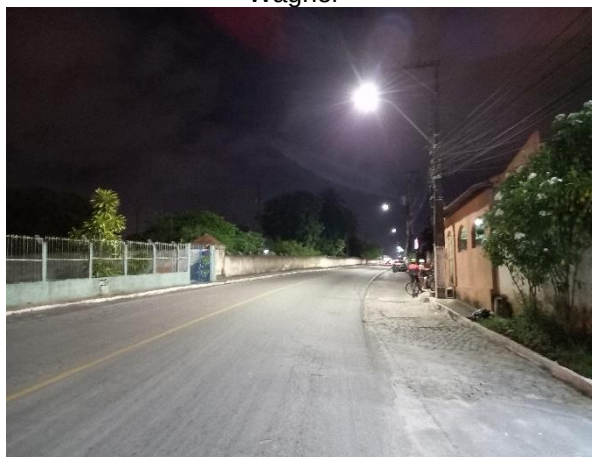


Figura 30 - Luminárias em LED nas Ruas Francisco Cerqueira e Rua do Eucalipto



7.5 Indicadores de Desempenho

As manifestações dos usuários do SIP para a Prefeitura são direcionadas à Ouvidoria Municipal de Alagoinhas. O órgão encaminhou compêndio de manifestações a respeito do tema entre os anos de 2018 e 2021 não consolidado na forma de relatório. Os canais de comunicação são de forma presencial, telefone, e-

mail e pelo site da ouvidoria, pois a PMA faz parte da plataforma Fala.BR, do Governo Federal.

O Fala.BR é um canal integrado para encaminhamento de manifestações (acesso a informação, denúncias, reclamações, solicitações, sugestões, elogios e simplifique) a órgãos e entidades do poder público.

Para o município de Alagoinhas, está registrado no site (<https://falabr.cgu.gov.br/publico/BA/ALAGOINHAS/Manifestacao/RegistrarManifestacao>), e tem funcionamento 24 horas por dia, 7 dias por semana.

8 BIBLIOGRAFIA

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Transparência Municipal, Prefeitura de Alagoinhas, Acessado em 21/06/2022

ABNT, 5101:2018 – Iluminação Pública – Procedimento;

ABNT, NBR 5426:1985 - Planos de amostragem e procedimentos na inspeção por atributos;

ABNT, NBR 5427:1985 - Guia para utilização da norma NBR 5426 - Planos de amostragem e procedimentos na inspeção por atributos.

TERMO DE ENCERRAMENTO

Rio de Janeiro, 08 de dezembro de 2022.

À

Caixa Econômica Federal (CAIXA)

Ref.: Etapa 1: Planejamento, Diagnóstico e Estudos - Diagnóstico Técnico Operacional do Parque de Iluminação Pública de Alagoinhas

Prezados Senhores,

Este volume de nº 0487CT2016-02 contém 53 (cinquenta e três) páginas numeradas sequencialmente inclusive esta de encerramento.

Atenciosamente,

Eng. Eduardo Ortigão
CREA 35162/D-RJ
CPF. nº 339.109.107-00
Sócio Diretor

Verificação e Aprovação:

Verificado: Elvio Gaspar

Data: 07/12/2022

Aprovado: Eduardo Ortigão

Data: 07/12/2022

ANEXOS

ANEXO 1 – CADASTRO DE ILUMINAÇÃO PÚBLICA

ANEXO 2 – RESULTADOS DE LEVANTAMENTO – GRUPO 1

ANEXO 3 – RESULTADOS DE LEVANTAMENTO – GRUPO 2

ANEXO 4 – CLASSES DE ILUMINÂNCIA – PMA

ANEXO 1 – CADASTRO DE ILUMINAÇÃO PÚBLICA

ANEXO 1 – CADASTRO DE ILUMINAÇÃO PÚBLICA

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,39681578	-12,13545495	MV-250	1	-38,44591311	-12,12818377	VS-150	1
-38,42351282	-12,26070938	VS-70	1	-38,44344314	-12,1138305	VS-70	1
-38,49459667	-12,27688653	VS-70	1	-38,37862965	-11,98158946	VS-70	1
-38,42601944	-12,26288116	VS-70	1	-38,44372317	-12,110505	VS-150	1
-38,4245378	-12,26090123	VS-70	1	-38,44372317	-12,110505	VS-70	1
-38,49273233	-12,27712028	VS-70	1	-38,41424641	-12,11284204	VS-70	1
-38,39455607	-12,24761115	FL-30	1	-38,32476273	-12,18112468	VS-70	1
-38,39383443	-12,24845948	VS-70	1	-38,40770296	-12,13589855	MV-250	1
-38,42297279	-12,26061783	VS-70	1	-38,44490293	-12,12364649	VS-70	1
-38,44070815	-12,12745643	VS-250	1	-38,44568482	-12,12375917	VS-70	1
-38,50716282	-12,18953581	VS-70	1	-38,43194971	-12,14348027	VS-400	1
-38,42520445	-12,26415949	VS-70	1	-38,43194971	-12,14348027	MV-400	8
-38,42520445	-12,26415949	MV-250	1	-38,43194971	-12,14348027	MV-250	1
-38,47426944	-12,28262625	VS-70	2	-38,38389011	-12,15861054	MV-250	1
-38,48925285	-12,27797832	VS-70	1	-38,41730915	-12,14286984	VS-250	1
-38,42660106	-12,26489781	VS-70	1	-38,42836581	-12,14189638	MV-250	1
-38,50152609	-12,27890744	VS-150	1	-38,4237397	-12,13271033	MV-250	1
-38,50483526	-12,27857969	VS-70	1	-38,44372173	-12,12356487	VS-250	1
-38,50305326	-12,27722198	VS-70	1	-38,35751104	-12,19467469	VS-70	1
-38,50140359	-12,2783271	VS-150	1	-38,44533314	-12,14263202	VS-150	1
-38,42627279	-12,26383953	VS-70	1	-38,43099967	-12,1469803	VS-70	1
-38,42575579	-12,26150876	VS-70	1	-38,41307797	-12,15544682	VS-70	1
-38,3949711	-12,24711779	FL-30	1	-38,44001692	-12,14245518	VS-70	1
-38,42614746	-12,26329771	VS-70	1	-38,38241315	-11,95153451	VS-70	1
-38,42585613	-12,26200448	VS-70	1	-38,4330014	-12,1376853	MV-250	1
-38,42594113	-12,25979955	VS-70	1	-38,40918129	-12,13681693	VS-250	1
-38,4264211	-12,26435781	VS-70	1	-38,43002978	-12,11570874	MV-250	1
-38,42401939	-12,26078451	VS-70	1	-38,41815633	-12,14949016	VS-250	1
-38,47494777	-12,28365122	VS-150	1	-38,42121194	-12,11779863	VS-70	1
-38,49247938	-12,27744212	VS-70	1	-38,38777794	-12,11455356	VS-70	1
-38,42481946	-12,26431786	VS-70	1	-38,41891467	-12,13707857	MV-250	1
-38,50046443	-12,27907288	VS-70	1	-38,39913263	-12,14329872	VS-250	1
-38,50412847	-12,27705968	VS-70	1	-38,50133185	-12,20171483	VS-70	1
-38,50568681	-12,27788423	VS-70	1	-38,41073519	-12,13145421	MV-250	1
-38,50526999	-12,27767958	VS-70	1	-38,41073519	-12,13145421	MV-250	1
-38,50125722	-12,27803192	MV-250	1	-38,4086061	-12,21880872	VS-70	1
-38,50125722	-12,27803192	VS-150	1	-38,35930955	-12,05632043	VS-70	1
-38,32752812	-12,21943491	VS-70	1	-38,40403999	-11,93951482	VS-70	1
-38,3247716	-12,22202017	VS-70	1	-38,36779137	-11,99906404	VS-70	1
-38,32628027	-12,22026281	VS-70	1	-38,36690469	-11,99880573	VS-70	1
-38,32598028	-12,21991165	VS-70	1	-38,35770796	-12,00088569	VS-70	1
-38,32826078	-12,21869624	VS-70	1	-38,44033358	-11,93521315	VS-70	1
-38,32500195	-12,22245036	VS-70	1	-38,36732124	-12,04801883	VS-70	1
-38,32786394	-12,21903944	VS-70	1	-38,41945181	-11,94102491	VS-70	1
-38,44125776	-12,11227321	VS-150	1	-38,34332105	-12,0319833	VS-70	1
-38,4419513	-12,11202375	VM-250	1	-38,43602843	-12,00590942	VS-70	1
-38,44143205	-12,11280625	MV-150	1	-38,43602843	-12,00590942	VS-250	1
-38,41305465	-12,12956696	VS-250	1	-38,39095656	-11,94554964	VS-70	1
-38,41646135	-12,13633021	VS-150	1	-38,38637315	-11,94629792	VS-70	1
-38,40555615	-12,23201962	VS-70	1	-38,39876245	-12,05315735	VS-70	1
-38,43208971	-12,14393533	VS-250	1	-38,39872904	-12,05408606	VS-70	1
-38,44743001	-12,13246604	VS-70	1	-38,40724667	-11,94076983	VS-70	1
-38,36166348	-12,16526945	VS-70	1	-38,46512715	-11,94190366	VS-70	1
-38,42803642	-12,13247698	VS-250	1	-38,401	-11,9490364	VS-70	1
-38,42789646	-12,12399543	VS-400	1	-38,37569364	-11,95521452	VS-250	1
-38,42789646	-12,12399543	MV-250	1	-38,4628022	-11,93919194	VS-70	1
-38,28065148	-12,09534177	VS-70	1	-38,40433832	-11,9367015	VS-70	1
-38,4227697	-12,15117356	VS-250	1	-38,39722831	-11,96020123	VS-70	1
-38,42166964	-12,14727026	MV-400	1	-38,35734791	-12,03331054	VS-70	1
-38,40120616	-12,21108636	VS-70	1	-38,36784968	-12,00043242	VS-70	1
-38,43382645	-12,14045528	MV-250	1	-38,36784968	-12,00043242	VS-70	1
-38,42947636	-12,13596363	VS-250	1	-38,35564729	-12,03228979	VS-70	1
-38,41424965	-12,14993687	VS-70	1	-38,40592112	-12,24508453	MV-250	1
-38,43500308	-12,13005874	VS-250	1	-38,40592112	-12,24508453	VS-70	1
-38,42991136	-12,14388526	VS-70	1	-38,47323218	-11,95105858	VS-70	1
-38,41797688	-12,12152822	VS-250	1	-38,39892186	-11,94313726	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,41258635	-12,14713847	MV-250	1	-38,34035398	-12,04735964	VS-70	1
-38,41227634	-12,15089347	VS-250	1	-38,37835615	-11,95672399	VS-70	1
-38,408403	-12,13033357	VS-70	1	-38,35523962	-11,99863568	VS-70	1
-38,42431467	-12,14573189	MV-250	1	-38,43317691	-11,93366173	VS-70	1
-38,39354604	-12,15004249	VS-70	1	-38,35677013	-12,03611521	MV-400	1
-38,38239814	-11,95198782	VS-150	1	-38,43227983	-11,95287203	VS-70	1
-38,41649782	-12,1102434	VS-70	1	-38,37735697	-11,9600238	VS-70	1
-38,44803823	-12,15928917	VS-70	1	-38,34775126	-11,97506574	VS-70	1
-38,43522978	-12,13483535	VS-250	1	-38,37364975	-11,99357417	VS-70	1
-38,40706085	-12,15618173	VS-70	1	-38,44633203	-12,13063104	VS-150	1
-38,4144331	-12,1132254	VS-70	1	-38,41388863	-12,17068583	VS-70	1
-38,44851552	-12,15924882	VS-70	1	-38,41388863	-12,17068583	MV-250	1
-38,44851552	-12,15924882	MV-250	1	-38,43699475	-12,1355754	MV-250	1
-38,44688205	-12,16096421	VS-70	1	-38,47037647	-12,14723708	VS-70	1
-38,44572437	-12,15973648	VS-70	1	-38,43465808	-12,14428867	VS-250	1
-38,40888461	-12,14035851	VS-250	1	-38,43269144	-12,13770197	MV-250	1
-38,41800863	-12,19571945	VS-70	1	-38,40902801	-12,12885025	VS-70	1
-38,41873803	-12,11884367	VS-70	1	-38,44493093	-12,15831196	VS-70	1
-38,41866028	-12,14833428	VS-250	1	-38,420454	-12,11784029	VS-70	1
-38,46750317	-12,13505719	VS-70	1	-38,41295956	-12,16491678	MV-250	1
-38,45025145	-12,15794197	VS-70	1	-38,42058956	-12,1346624	VS-70	1
-38,42953137	-12,13209205	MV-250	1	-38,42249946	-12,19405522	VS-70	1
-38,44567976	-12,14672864	MV-250	1	-38,44479289	-12,15897044	VS-70	1
-38,44567976	-12,14672864	MV-250	1	-38,44675259	-12,15742401	VS-70	1
-38,44603308	-12,14313707	MV-400	1	-38,445253	-12,15806984	VS-70	1
-38,44603308	-12,14313707	VS-400	1	-38,44100477	-12,12908542	VS-70	1
-38,4379264	-12,134522	VS-250	1	-38,4011066	-12,20505258	VS-70	1
-38,44257445	-12,11200531	VM-250	1	-38,4736957	-12,21526848	VS-70	1
-38,44340101	-12,11182571	MV-250	1	-38,4224114	-12,13421034	MV-400	1
-38,44263681	-12,11094829	VS-150	1	-38,42502102	-12,12848008	VS-70	1
-38,47143156	-12,13985303	VS-70	1	-38,43280807	-12,12821535	VS-70	1
-38,42012248	-12,19748412	VS-70	1	-38,4141029	-12,1710052	MV-250	1
-38,42085637	-12,13081029	VS-70	1	-38,4385964	-12,13662703	MV-250	1
-38,4244497	-12,14184024	VS-400	1	-38,43213818	-12,10311056	VS-70	1
-38,43734477	-12,12381209	VS-70	1	-38,44545808	-12,13825376	MV-250	1
-38,44785141	-12,14040368	MV-400	1	-38,44545808	-12,13825376	MV-250	1
-38,41558798	-12,14491192	VS-250	1	-38,49786064	-12,2018783	MV-250	1
-38,41851977	-12,11909866	VS-70	1	-38,49786064	-12,2018783	MV-250	1
-38,43538152	-12,11700709	MV-250	1	-38,40942133	-12,13996017	VS-250	1
-38,42244813	-12,13654946	MV-400	1	-38,37526942	-12,13376005	VS-70	1
-38,41887965	-12,14928686	VS-250	1	-38,40602346	-12,13883432	MV-250	1
-38,44230484	-12,11417715	VS-70	1	-38,39740218	-12,14779249	VS-70	1
-38,41188702	-12,11251523	VS-70	1	-38,41748135	-12,13258691	MV-250	1
-38,41856779	-12,13107532	MV-250	1	-38,41301337	-11,97504125	VS-70	1
-38,41391671	-11,9736029	VS-70	1	-38,41728308	-12,11297043	VS-150	1
-38,28525647	-12,10446678	VS-70	1	-38,41728308	-12,11297043	VS-250	1
-38,45555569	-12,15633825	VS-70	1	-38,47514003	-12,14440835	VS-70	1
-38,4606765	-12,1414954	VS-70	1	-38,36285108	-12,18325307	VS-250	1
-38,4606765	-12,1414954	MV-250	1	-38,39660819	-12,14267834	MV-400	1
-38,41614439	-12,11017275	VS-70	1	-38,40437964	-12,14327685	MV-250	1
-38,43237976	-12,13802699	MV-250	1	-38,4145671	-12,11109928	MV-150	1
-38,44666839	-12,15880898	VS-70	1	-38,44373252	-12,15380915	VS-70	1
-38,44560482	-12,15930154	MV-70	1	-38,41824644	-12,11939699	VS-70	1
-38,42252154	-12,0885556	FL-30	1	-38,40700342	-11,9373332	VS-250	1
-38,42259521	-12,1314385	VS-250	1	-38,42274132	-12,14325859	VS-150	1
-38,49448452	-12,27003642	VS-70	1	-38,39902957	-12,1405875	VS-70	1
-38,44826642	-12,15899935	VS-70	1	-38,44996252	-12,1566635	VS-70	1
-38,44791485	-12,16007377	VS-70	1	-38,43814813	-12,13938531	VS-250	1
-38,40804967	-12,13692355	VS-250	1	-38,41835641	-12,13422528	MV-250	1
-38,40804967	-12,13692355	VS-400	1	-38,42217987	-12,08763061	VS-70	1
-38,41002632	-12,13097363	MV-250	1	-38,39989952	-12,1982715	MV-250	1
-38,40382454	-12,19983483	VS-70	1	-38,4077564	-12,13314584	VS-250	1
-38,42188803	-12,12294867	MV-250	1	-38,46305719	-12,14130352	VS-70	1
-38,40370797	-12,13183017	MV-250	1	-38,46305719	-12,14130352	VS-70	1
-38,40072466	-12,14145847	MV-250	1	-38,38721153	-11,99221421	VS-70	1
-38,40056628	-12,14858008	VS-250	1	-38,41511698	-12,14642316	VS-70	1
-38,42026133	-12,13704211	MV-400	1	-38,4163764	-12,12871859	VS-150	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,40336127	-12,14292852	VS-150	1	-38,43377979	-12,12893371	MV-250	1
-38,44442298	-12,15315923	VS-70	1	-38,44484253	-12,13648001	VS-70	1
-38,44281314	-12,15296237	VS-150	1	-38,44484253	-12,13648001	VS-250	1
-38,39632277	-12,12742165	MV-250	1	-38,41023135	-12,13195355	MV-250	1
-38,41807793	-12,15719157	MV-250	1	-38,43289136	-12,14554196	MV-250	1
-38,35983201	-12,16550977	VS-70	1	-38,43033811	-12,12873704	VS-250	1
-38,41994808	-12,13124529	MV-250	3	-38,39736962	-12,15339008	VS-70	1
-38,41994808	-12,13124529	VS-250	1	-38,41375472	-12,11668372	VS-250	1
-38,42837322	-12,14152645	MV-400	1	-38,43523813	-12,12168541	MV-400	1
-38,43042969	-12,14351029	VS-150	1	-38,43523813	-12,12168541	MV-150	1
-38,44175338	-12,12628242	VS-250	1	-38,50642144	-12,187972	MV-250	1
-38,44175338	-12,12628242	VS-150	1	-38,43262807	-12,133382	VS-250	1
-38,43207305	-12,13386204	VS-70	1	-38,40317295	-12,14152013	MV-250	1
-38,41038465	-12,12788698	VS-70	1	-38,4306081	-12,13218701	VS-250	1
-38,40763466	-12,12276531	VS-250	1	-38,41904736	-12,13891513	MV-400	1
-38,40763466	-12,12276531	VS-70	1	-38,41904736	-12,13891513	VS-250	1
-38,41145799	-12,12740198	VS-70	1	-38,41904736	-12,13891513	VS-250	1
-38,43834946	-12,13173352	MV-250	1	-38,41625057	-12,15631191	MV-250	1
-38,43114976	-12,11716048	VS-250	1	-38,42768536	-12,1540254	VS-70	1
-38,41007802	-12,14324523	MV-250	1	-38,42937977	-12,13621036	VS-250	1
-38,40702463	-12,12748527	VS-70	1	-38,40942825	-12,12703822	MV-400	1
-38,44069809	-12,14727367	MV-250	1	-38,41414464	-12,13326024	VS-70	1
-38,42362974	-12,1370486	VS-400	1	-38,41414464	-12,13326024	MV-250	4
-38,41977131	-12,15316851	MV-250	1	-38,42166468	-12,1345753	MV-400	1
-38,39181126	-12,14001007	MV-250	1	-38,42872271	-12,13390401	VS-250	1
-38,4553515	-12,14401207	VS-250	1	-38,41079722	-12,12222067	VS-70	1
-38,4553515	-12,14401207	MV-250	2	-38,47632962	-12,16524743	VS-400	4
-38,45804315	-12,14329378	MV-250	1	-38,39190656	-11,94333303	VS-70	1
-38,39816297	-12,14471729	VS-250	1	-38,43598815	-12,12750544	MV-250	1
-38,42321861	-12,1232318	VS-70	1	-38,41355166	-12,12137127	VS-70	1
-38,40508959	-12,14193683	VS-250	1	-38,41143627	-12,1539985	VS-70	1
-38,41950379	-12,12287442	VS-70	1	-38,44069147	-12,12838042	MV-250	2
-38,3441927	-12,16512307	VS-70	1	-38,44069147	-12,12838042	MV-250	1
-38,44551743	-12,1583595	VS-70	1	-38,42954783	-12,22193648	VS-70	1
-38,41268816	-12,10096261	VS-70	1	-38,41173277	-12,24330624	VS-70	1
-38,42556136	-12,14174693	VS-250	1	-38,41799963	-12,14123189	MV-250	1
-38,39864351	-12,13225914	VS-70	1	-38,41782303	-12,13546528	VS-250	1
-38,40087468	-12,13365016	VS-70	1	-38,42969637	-12,13222697	MV-400	1
-38,40192627	-12,14215844	VS-70	1	-38,42969637	-12,13222697	VS-250	1
-38,42958305	-12,13443303	VS-250	1	-38,4607798	-12,14241878	MV-250	1
-38,3912511	-12,2309612	VS-70	1	-38,405908	-12,14842178	MV-250	1
-38,47829543	-12,23369448	VS-70	1	-38,41333839	-11,97822791	VS-70	1
-38,42553791	-12,13951151	MV-400	1	-38,43380334	-12,04635089	VS-70	1
-38,40401959	-12,14457015	VS-250	1	-38,43380334	-12,04635089	VS-400	11
-38,40707634	-12,13605686	MV-250	1	-38,43380334	-12,04635089	VS-250	1
-38,45764992	-12,25115855	VS-70	2	-38,43846139	-12,14117529	MV-250	1
-38,41106136	-12,11264869	VS-70	1	-38,4391088	-12,13495808	VS-250	1
-38,44174648	-12,11530715	VS-70	1	-38,41533976	-12,11944865	VS-70	1
-38,47192878	-12,16328638	VS-250	1	-38,36760621	-12,09130192	VS-70	1
-38,42206967	-12,13402366	MV-400	1	-38,46067821	-12,14049879	VS-70	1
-38,42291702	-12,14235247	VS-400	1	-38,46067821	-12,14049879	VS-250	1
-38,42291702	-12,14235247	VS-250	1	-38,40658131	-12,13473692	MV-250	1
-38,42291702	-12,14235247	MV-250	1	-38,37825123	-12,14830999	MV-250	1
-38,43314642	-12,12919375	MV-250	1	-38,44270926	-12,14981196	MV-250	1
-38,42719203	-12,07405549	VS-70	1	-38,39352312	-12,15046275	VS-70	1
-38,46267127	-12,14071541	MV-250	1	-38,45926216	-11,93799026	VS-70	1
-38,46267127	-12,14071541	VS-70	1	-38,39815291	-12,15176679	VS-70	1
-38,40616031	-12,12533294	MV-250	1	-38,42664849	-12,13365434	VS-250	1
-38,41130637	-12,13898518	VS-250	2	-38,41724229	-12,13418955	MV-400	1
-38,5285999	-12,18323388	VS-70	1	-38,4170347	-12,13396858	MV-400	1
-38,43174635	-12,15524358	VS-250	1	-38,3434743	-12,21347949	MV-250	1
-38,4449198	-12,13193043	MV-250	1	-38,3434743	-12,21347949	VS-70	1
-38,40869969	-12,11010199	VS-70	1	-38,4312564	-12,15068521	VS-250	1
-38,39979627	-12,15337009	MV-250	1	-38,4312564	-12,15068521	VS-150	2
-38,40213813	-12,11837165	VS-70	1	-38,4312564	-12,15068521	VS-70	1
-38,4342598	-12,12677544	VS-70	1	-38,4332514	-12,12802707	VS-70	1
-38,4342598	-12,12677544	MT-250	1	-38,43374307	-12,12903209	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,41961988	-12,13749961	MV-400	1	-38,43100814	-12,11564877	MV-250	1
-38,42988139	-12,14842021	VS-250	1	-38,40791465	-12,14121521	MV-400	1
-38,47623277	-12,27625132	VS-70	1	-38,43381974	-12,13766047	MV-250	1
-38,43948475	-12,13893365	VS-250	1	-38,42371686	-12,14241445	MV-400	1
-38,39718613	-12,22653125	VS-70	2	-38,39590811	-12,05300061	VS-70	1
-38,41914779	-12,23590801	VS-70	1	-38,43157154	-12,13520703	VS-250	1
-38,40750293	-12,15650009	VS-150	1	-38,41992506	-12,1395064	VS-250	1
-38,40005814	-12,14276754	VS-70	1	-38,42716805	-12,12327207	VS-70	1
-38,39736289	-12,1442585	VS-70	1	-38,39905719	-12,13201845	VS-70	1
-38,41079468	-12,14329687	MV-250	1	-38,39889461	-12,13597688	MV-250	1
-38,40110975	-12,12343042	MV-250	1	-38,42535434	-12,14896658	MV-400	1
-38,39913299	-12,13972633	VS-70	2	-38,43164305	-12,15097356	VS-70	1
-38,43120303	-12,15267022	VS-250	1	-38,41137293	-12,14834018	MV-250	1
-38,43896311	-12,13484039	MV-250	1	-38,43396817	-12,11727046	MV-250	1
-38,41187264	-12,1298971	VS-70	1	-38,41701765	-12,11366019	VS-70	1
-38,40689055	-12,14590539	VS-70	1	-38,41161188	-12,11241489	VM-80	1
-38,4180364	-12,12663696	VS-250	1	-38,34298431	-12,21251618	VS-70	1
-38,41727639	-12,11970038	VS-70	1	-38,42571634	-12,14932693	VS-250	1
-38,43145215	-12,13567716	VS-250	1	-38,43129975	-12,136642	VS-250	1
-38,41516143	-12,12337906	MV-400	1	-38,40622494	-12,00548592	VS-70	1
-38,4200997	-12,11755876	VS-70	1	-38,41088063	-12,15213975	MV-250	1
-38,44617135	-12,11120669	VS-70	1	-38,44557918	-12,13830289	MV-250	1
-38,44617135	-12,11120669	MV-250	1	-38,40489336	-12,12223703	VS-70	1
-38,44706465	-12,11197221	MV-250	1	-38,41174127	-12,16530508	MV-250	1
-38,44138647	-12,14127372	VS-70	1	-38,42843453	-12,21473317	VS-70	1
-38,44138647	-12,14127372	VS-250	1	-38,41018133	-12,12451863	MV-250	1
-38,44438067	-12,13394408	MV-250	1	-38,42725136	-12,15391687	VS-70	1
-38,41677972	-12,13443694	MV-400	1	-38,43191807	-12,1368103	MV-250	1
-38,41407507	-12,13052153	VS-250	1	-38,4896196	-12,23384162	VS-70	1
-38,49578812	-12,17869037	VS-70	1	-38,4896196	-12,23384162	VS-150	1
-38,42915425	-12,21045698	VS-70	1	-38,4896196	-12,23384162	MV-150	2
-38,41105512	-12,15091723	VS-70	1	-38,43964811	-12,14570863	VS-250	1
-38,46674651	-12,14053544	VS-70	1	-38,43063301	-12,1522969	VS-250	1
-38,38380621	-12,10902853	VS-150	1	-38,4396015	-12,12103049	VS-250	1
-38,45980975	-12,15616868	MV-250	1	-38,44016192	-12,1403351	MV-250	1
-38,41424995	-12,11895213	VS-250	1	-38,43670471	-12,1380453	MV-250	1
-38,41424995	-12,11895213	MV-250	1	-38,41305783	-12,20420985	VS-70	1
-38,41129796	-12,15277851	VS-250	1	-38,44138477	-12,14234036	VS-70	1
-38,41466296	-12,14539351	MV-250	1	-38,45124335	-12,13902011	MV-250	1
-38,44180706	-12,11114111	VM-250	1	-38,41531116	-12,14803556	VS-70	1
-38,44355041	-12,11137202	VS-150	1	-38,44348644	-12,1282704	VS-250	1
-38,40798472	-12,12589526	MV-250	1	-38,43753315	-12,13220705	VS-250	1
-38,45877925	-12,25388136	VS-70	1	-38,45637671	-12,21769382	VS-70	1
-38,43555809	-12,12911704	MV-250	1	-38,40669386	-12,13720581	VS-150	1
-38,45662631	-12,25151544	VS-70	2	-38,44676622	-12,13395362	VS-250	1
-38,44175983	-12,13513465	VS-250	1	-38,44676622	-12,13395362	VS-70	1
-38,39286801	-12,11788058	VS-70	1	-38,39859797	-12,15026177	MV-400	1
-38,46107483	-12,14234547	MV-250	1	-38,39859797	-12,15026177	MV-250	1
-38,46107483	-12,14234547	MV-250	1	-38,41524414	-12,2273018	VS-70	1
-38,46473444	-12,26836719	VS-70	1	-38,39972687	-12,20994622	VS-70	1
-38,42227966	-12,15417016	VS-70	1	-38,39695429	-12,13798572	VS-70	1
-38,43570143	-12,13791032	MV-250	1	-38,40649998	-12,12215408	VS-70	1
-38,37568118	-12,14537168	VS-70	1	-38,43511978	-12,13993367	MV-250	2
-38,42977312	-12,11623045	MV-250	1	-38,44902482	-12,14457702	VS-70	1
-38,4252314	-12,13990862	MV-400	1	-38,43511643	-12,12093043	VS-150	1
-38,45432442	-12,16139429	VS-70	1	-38,45217145	-12,15397195	MV-250	1
-38,41799309	-12,14051407	VS-250	1	-38,41661472	-12,11894871	VS-70	1
-38,40640626	-12,14282849	MV-250	1	-38,40002463	-12,14099584	VS-70	1
-38,41976307	-12,14274809	MV-250	1	-38,42764304	-12,14916527	VS-250	1
-38,42981789	-12,22130313	VS-70	1	-38,4321347	-12,14788856	VS-70	1
-38,42052143	-12,12835113	VS-250	1	-38,43273638	-12,14188864	MV-250	1
-38,43991309	-12,14257011	VS-70	1	-38,29739925	-11,96301132	VS-70	1
-38,43212807	-12,13495197	VS-250	1	-38,42955522	-12,14844128	VS-250	1
-38,43212807	-12,13495197	VS-250	1	-38,42976804	-12,15225854	VS-250	1
-38,4891103	-12,25257019	VS-70	1	-38,41424303	-12,12165031	VS-250	1
-38,43062472	-12,15066359	VS-150	1	-38,41802133	-12,15389019	MV-250	2
-38,40326802	-12,12347526	VS-150	1	-38,41262961	-12,14466518	MV-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,41786437	-12,14842245	VS-250	1	-38,42217267	-12,13541327	MV-400	1
-38,41040723	-12,13359586	VS-250	1	-38,40689463	-12,12444691	MV-250	1
-38,42082641	-12,13454865	VS-70	1	-38,4367823	-12,14051489	MV-250	1
-38,41374136	-12,11832701	VS-70	1	-38,41603292	-12,12992593	VS-70	1
-38,45498307	-12,153112	VS-70	1	-38,44228746	-12,14346685	VS-70	1
-38,44374014	-12,15509879	VS-70	1	-38,44228746	-12,14346685	VS-250	1
-38,44327681	-12,15293169	VS-70	1	-38,43356805	-12,14665364	VS-250	1
-38,44237293	-12,15301673	VS-70	1	-38,43356805	-12,14665364	MV-250	1
-38,39768585	-12,14375946	VS-70	1	-38,41413481	-12,10148792	VS-70	1
-38,39768585	-12,14375946	MV-250	1	-38,43926481	-12,13129042	VS-250	1
-38,42526866	-12,1341219	VS-250	1	-38,43930724	-12,11887153	VS-70	1
-38,44379566	-12,12478974	VS-150	1	-38,41845571	-12,13713762	MV-250	1
-38,39897016	-12,12426872	MV-250	1	-38,43278806	-12,14530691	VS-250	1
-38,39939072	-12,12434126	MV-250	1	-38,42289469	-12,13561967	MV-250	1
-38,41463335	-12,0069893	VS-70	1	-38,3572777	-12,19935797	VS-70	1
-38,44596189	-12,21956645	VS-70	1	-38,42886304	-12,14226362	MV-250	1
-38,37844223	-12,13413389	VS-70	1	-38,4094297	-12,11157698	VS-70	1
-38,43701263	-12,04824636	VS-70	1	-38,40018722	-12,14133583	VS-250	1
-38,4635358	-12,1369325	VS-70	1	-38,40018722	-12,14133583	VS-70	1
-38,41729398	-12,14574322	VS-250	1	-38,40018722	-12,14133583	MV-250	4
-38,40571949	-12,23103133	VS-70	1	-38,44590138	-12,15377361	VS-250	1
-38,42226636	-12,14335355	VS-70	1	-38,43448195	-12,23494887	VS-70	1
-38,42226636	-12,14335355	VS-150	1	-38,47502297	-12,21726334	VS-70	1
-38,42226636	-12,14335355	VS-150	1	-38,39146774	-12,23063954	VS-70	1
-38,41934516	-12,14418818	MV-250	1	-38,51213654	-12,17720549	VS-400	1
-38,39901222	-12,12614343	MV-150	1	-38,51213654	-12,17720549	VS-70	1
-38,32187776	-12,17866801	VS-70	1	-38,41068913	-12,13476138	VS-70	1
-38,42319635	-12,14884025	MV-400	1	-38,42476219	-12,1466951	VS-250	1
-38,50414786	-12,26519862	VS-70	1	-38,42584293	-12,14614949	MV-400	1
-38,44436183	-12,1538112	MV-250	1	-38,44205479	-12,13025207	VS-250	1
-38,44359329	-12,15419869	VS-70	1	-38,44244774	-12,10685162	VS-150	1
-38,44383164	-12,15337946	VS-70	1	-38,42107605	-12,13741022	MV-400	1
-38,44324095	-12,15369584	VS-70	1	-38,4274947	-12,14348193	VS-250	1
-38,44324095	-12,15369584	LD-100	1	-38,41849868	-12,14686962	VS-70	1
-38,39778235	-12,12671787	MV-250	1	-38,4331496	-12,11817274	MV-250	1
-38,40014508	-12,12405499	VM-250	1	-38,41760805	-12,11955365	VS-150	1
-38,42219017	-12,13400698	MV-400	1	-38,40790467	-12,14493184	VS-250	1
-38,4120083	-12,00098599	VS-70	1	-38,42348969	-12,12943368	VS-250	1
-38,44045534	-12,13597997	VS-250	1	-38,41947825	-12,13054629	MV-250	1
-38,4239798	-12,12028038	VS-70	1	-38,42103309	-12,130252	VS-250	1
-38,40943965	-12,13037023	VS-70	1	-38,4262529	-12,15388481	VS-150	1
-38,4394331	-12,12135213	MV-400	1	-38,42738132	-12,15304184	VS-70	1
-38,4394331	-12,12135213	MV-250	1	-38,42738132	-12,15304184	VS-150	1
-38,41574017	-12,149857	MV-250	1	-38,39816293	-12,13437013	VS-70	1
-38,402253	-12,13323354	VS-250	1	-38,40706805	-12,12369866	VS-70	1
-38,4352914	-12,13732531	MV-250	1	-38,41176627	-12,1427769	MV-250	1
-38,43750313	-12,13077377	MV-250	1	-38,44711471	-12,1338884	VS-70	1
-38,42674354	-12,12466426	VS-70	1	-38,41073295	-12,15558181	VS-150	1
-38,41923968	-12,14864853	VS-250	1	-38,40600388	-12,22122099	VS-70	1
-38,43715511	-12,13316909	MV-250	1	-38,44275809	-12,13150372	VS-70	1
-38,3987433	-12,12678725	MV-150	1	-38,4271325	-12,13576112	MV-250	1
-38,39915618	-12,12675588	MV-150	1	-38,43227813	-12,13020208	VS-250	1
-38,43520643	-12,12480039	MV-250	1	-38,42835474	-12,13413036	VS-250	2
-38,4233931	-12,12186374	VS-70	1	-38,40562137	-12,12407859	VS-70	1
-38,44147643	-12,12742045	MV-250	1	-38,42249805	-12,19644277	VS-70	1
-38,445813	-12,15944776	MV-70	1	-38,50496625	-12,24972326	VS-70	1
-38,43002805	-12,14934523	VS-250	1	-38,44042813	-12,14304201	VS-70	1
-38,43002805	-12,14934523	VS-70	1	-38,4208866	-12,1264664	VS-70	1
-38,44636014	-12,01014779	VS-70	1	-38,44554314	-12,12834043	VS-150	1
-38,4803729	-12,26196812	VS-70	1	-38,44317817	-12,12829875	VS-250	1
-38,42506824	-12,07555565	VS-70	1	-38,44446144	-12,12892377	MV-250	1
-38,44339304	-12,14962198	VS-250	1	-38,45833971	-12,25380346	VS-70	1
-38,40066208	-12,14026502	VS-70	1	-38,43123809	-12,13120368	VS-250	1
-38,4202147	-12,13300866	MV-250	1	-38,43110473	-12,13518033	VS-250	1
-38,4392015	-12,12645208	VS-150	1	-38,44231938	-12,14743475	VS-250	1
-38,41767967	-12,14428521	VS-70	1	-38,42814637	-12,13911029	MV-250	1
-38,52652322	-12,18575721	VS-70	1	-38,3892576	-12,11311557	VS-150	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,52652322	-12,18575721	MV-250	1	-38,40633802	-12,12137033	VS-70	1
-38,41431799	-12,14425687	VS-70	1	-38,39722853	-12,13897954	VS-70	1
-38,40827209	-12,19964549	VS-70	1	-38,45556983	-12,14234543	MV-250	1
-38,4516506	-12,25294961	VS-70	1	-38,41755735	-12,1345799	MV-400	1
-38,42469633	-12,14074023	VS-250	1	-38,40560462	-12,14895846	MV-250	1
-38,41398466	-12,14659189	MV-250	1	-38,38859359	-12,15241194	MV-250	1
-38,42981142	-12,14487732	VS-400	1	-38,43854311	-12,14517533	VS-250	1
-38,42981142	-12,14487732	MV-400	1	-38,44108817	-12,12746872	VS-250	1
-38,42442722	-12,13754792	VS-250	6	-38,44949796	-12,12518297	VS-70	1
-38,42990968	-12,13835032	MV-250	1	-38,44883772	-12,12540163	VS-70	1
-38,42250138	-12,11804205	VS-70	1	-38,42307321	-12,12327993	VS-70	1
-38,42542303	-12,13917529	VS-400	1	-38,40299459	-12,14263354	MV-250	1
-38,43544141	-12,12570875	MV-250	1	-38,42486958	-12,13375069	VS-250	1
-38,42408141	-12,12085374	VS-70	1	-38,39845926	-12,14362294	VS-70	1
-38,4197906	-12,13721945	MV-400	1	-38,39845926	-12,14362294	VS-70	1
-38,42031632	-12,13717607	MV-400	1	-38,42165634	-12,14901186	VS-400	1
-38,43149816	-12,11927878	MV-250	1	-38,39895864	-12,05251059	VS-70	1
-38,40728633	-12,13984523	MV-250	1	-38,43312642	-12,14215528	VS-250	1
-38,44788654	-12,15586623	VS-250	1	-38,41608679	-12,14241988	VS-250	1
-38,44745305	-12,15388863	VS-70	1	-38,40855392	-12,12491961	VS-70	1
-38,4112597	-12,13337023	MV-250	1	-38,41459301	-12,15354013	VS-250	1
-38,43869305	-12,14176866	MV-250	1	-38,43132845	-12,00464445	VS-70	1
-38,43112801	-12,1487836	VS-250	3	-38,42563611	-12,25252462	VS-70	1
-38,44654015	-12,1259721	VS-70	1	-38,42342305	-12,13566027	MV-250	1
-38,42126516	-12,14965386	VS-70	1	-38,39322162	-12,12025636	VS-150	1
-38,36215963	-12,13622882	VS-70	1	-38,43867648	-12,13158535	VS-250	1
-38,45145628	-12,1372422	MV-250	1	-38,4324431	-12,13080036	VS-250	1
-38,45145628	-12,1372422	MV-250	1	-38,40102797	-12,13986186	VS-70	1
-38,43766643	-12,13023541	VS-70	1	-38,40102797	-12,13986186	VS-250	1
-38,42371971	-12,13628192	MV-400	1	-38,42863138	-12,12710204	VS-70	1
-38,40730628	-12,14131183	MV-250	1	-38,41432133	-12,15118019	VS-70	1
-38,44506559	-12,14338606	VS-150	1	-38,42497601	-12,14896367	MV-400	1
-38,44506559	-12,14338606	MV-400	1	-38,3971762	-12,12698611	MV-250	1
-38,44506559	-12,14338606	MV-400	1	-38,39909378	-12,12511218	MV-250	1
-38,43417589	-12,14668766	MV-250	1	-38,46846287	-12,25833309	VS-70	1
-38,40719969	-12,13705857	VS-250	1	-38,41099087	-12,12162514	VS-70	2
-38,44581165	-12,12305035	VS-70	1	-38,3870586	-11,95738493	VS-70	1
-38,42193971	-12,13419954	MV-400	1	-38,43244475	-12,11862875	VS-250	1
-38,42972309	-12,13073864	VS-250	1	-38,41956818	-12,12989949	MV-250	1
-38,43364151	-12,1059222	VS-70	1	-38,41724305	-12,12927694	VS-70	1
-38,40086965	-12,14179011	MV-250	1	-38,49174069	-12,17882386	MV-250	1
-38,42511981	-12,14370173	MV-250	1	-38,40870797	-12,14498182	MV-250	1
-38,41978461	-12,10835879	VS-70	1	-38,40781797	-12,13623684	VS-250	1
-38,44697558	-12,11248418	VS-250	1	-38,44616387	-12,13175793	VS-70	1
-38,44319952	-12,15452067	VS-70	1	-38,43782143	-12,14018371	VS-250	1
-38,42810306	-12,1525452	MV-250	1	-38,4124697	-12,13214363	MV-250	1
-38,42810306	-12,1525452	MV-250	1	-38,41360064	-12,1289268	VS-70	1
-38,4661999	-12,13568881	VS-70	1	-38,43046978	-12,13062867	VS-250	1
-38,42209898	-12,12600454	MV-250	1	-38,33115771	-12,1861946	VS-70	1
-38,4546331	-12,15515537	VS-70	1	-38,34391933	-12,21337448	VS-70	1
-38,43757642	-12,13896702	MV-250	1	-38,42603609	-12,16036222	VS-150	1
-38,43461288	-12,22852476	VS-70	1	-38,51127644	-12,1979753	VS-250	1
-38,40575294	-12,14869518	MV-250	1	-38,41134628	-12,13906685	VS-250	1
-38,39621121	-12,15298175	VS-70	1	-38,49344151	-12,17792703	VS-70	1
-38,40052293	-12,15229173	MV-400	1	-38,42937513	-12,21531202	VS-70	1
-38,42425418	-12,1489323	MV-400	1	-38,41469627	-12,17614332	VS-400	1
-38,43138979	-12,11761214	VS-250	1	-38,41372453	-12,20516981	VS-70	1
-38,42376641	-12,13363695	VS-250	1	-38,4552265	-12,1421937	VS-70	1
-38,42376641	-12,13363695	VS-250	1	-38,4552265	-12,1421937	VS-250	1
-38,40426634	-12,11872029	VS-70	1	-38,40054612	-12,22250799	VS-150	1
-38,41911963	-12,1488852	VS-250	1	-38,42483588	-12,19785691	VS-70	1
-38,42178305	-12,14373022	MV-400	1	-38,44438071	-12,15574437	VS-70	1
-38,40177127	-12,13238686	MV-250	1	-38,44438071	-12,15574437	VS-70	1
-38,42122301	-12,13142527	VS-70	2	-38,49793824	-12,20225845	VS-70	1
-38,39923677	-12,1317628	VS-70	1	-38,44010045	-12,14050059	MV-250	1
-38,43417285	-12,1282899	VS-70	1	-38,41692972	-12,11720037	VS-150	1
-38,40333503	-12,13015056	MV-250	1	-38,43773612	-12,24367303	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,43061108	-12,12313432	VS-70	1	-38,42919746	-12,1429856	VS-250	1
-38,42919313	-12,1511934	VS-250	1	-38,36518801	-12,13585865	VS-70	1
-38,4423398	-12,13136709	VS-70	1	-38,43518223	-12,13798659	MV-250	1
-38,43447641	-12,14395864	VS-250	1	-38,42489141	-12,14251026	VS-250	6
-38,3960079	-12,15080345	VS-70	1	-38,39679876	-12,13731291	VS-70	1
-38,414403	-12,12187201	VS-250	1	-38,42831474	-12,12749704	VS-150	1
-38,37743946	-11,95611042	MV-250	1	-38,42175633	-12,1361203	MV-250	1
-38,42359471	-12,15299851	VS-70	1	-38,42175633	-12,1361203	VS-400	1
-38,40707595	-12,13672892	VS-250	1	-38,49434463	-12,23671495	VS-70	1
-38,46577991	-12,13588051	VS-70	1	-38,40336553	-12,13732006	MV-250	1
-38,4321198	-12,11995372	MV-250	1	-38,4413419	-12,15474066	VS-70	1
-38,44310147	-12,1441003	VS-70	1	-38,41543301	-12,14226859	MV-250	1
-38,41393629	-12,14289019	VS-250	1	-38,45208832	-12,15517486	VS-70	1
-38,40027228	-12,13924053	VS-70	1	-38,42584293	-12,14614949	MV-250	1
-38,39777444	-12,1378045	VS-70	1	-38,41723775	-12,19725204	VS-70	1
-38,42107107	-11,9366062	VS-70	1	-38,42380119	-12,11988115	VS-70	1
-38,45059311	-12,15248536	VS-70	1	-38,41933449	-12,14995535	VS-250	1
-38,41728295	-12,15664018	VS-70	2	-38,43778539	-12,13296254	VS-250	1
-38,42036712	-12,1456499	VS-70	1	-38,43778539	-12,13296254	MV-250	1
-38,41497961	-12,14626683	VS-250	1	-38,40659635	-12,11945365	MV-150	1
-38,40059779	-12,20017646	VS-70	1	-38,42087972	-12,12695368	VS-70	1
-38,41523634	-12,14682686	VS-70	1	-38,42087972	-12,12695368	VS-250	1
-38,45722978	-12,15581701	MV-250	1	-38,41398971	-12,13525194	VS-250	1
-38,34690441	-12,16328313	VS-70	2	-38,41398971	-12,13525194	VS-250	1
-38,44574903	-12,13509442	VS-70	1	-38,40334296	-12,12834356	MV-250	1
-38,42011576	-12,1370878	MV-400	1	-38,41039127	-12,14275687	MV-250	1
-38,40463132	-12,14574683	MV-250	1	-38,41358466	-12,15195498	VS-70	1
-38,42373806	-12,11951708	VS-70	1	-38,42659738	-12,15250785	VS-70	1
-38,36776947	-12,12912009	VS-70	1	-38,42573332	-12,15373988	VS-150	1
-38,43196306	-12,13952699	MV-250	1	-38,39747656	-11,96092956	VS-70	1
-38,42366298	-12,14735854	VS-250	1	-38,41477039	-12,10133266	VS-70	1
-38,39652472	-12,14316741	MV-400	1	-38,39891296	-12,13377348	VS-70	1
-38,41080733	-12,13418374	VS-250	1	-38,43703646	-12,13061204	VS-250	1
-38,41080733	-12,13418374	VS-70	1	-38,42294632	-12,15217524	VS-70	1
-38,42741644	-12,12909038	VS-70	1	-38,40224776	-12,2349779	VS-70	1
-38,41503471	-12,1286753	VS-70	1	-38,45403477	-12,15479535	VS-250	1
-38,46092647	-12,15655204	MV-250	1	-38,42610464	-12,14892023	MV-250	2
-38,44087266	-12,14136514	MV-250	1	-38,42168707	-12,14591949	VS-400	1
-38,42225802	-12,15274351	VS-70	1	-38,41305805	-12,1355336	VS-70	1
-38,42225802	-12,15274351	VS-70	2	-38,41305805	-12,1355336	VS-250	1
-38,42225802	-12,15274351	VS-70	2	-38,42586831	-12,12340703	VS-70	1
-38,40076859	-12,15181813	VS-70	1	-38,41298127	-12,1467252	VS-70	1
-38,42025938	-12,12790758	VS-70	1	-38,42407961	-12,14025291	MV-250	1
-38,4049311	-12,11832713	VS-70	1	-38,41041138	-12,12585697	VS-70	1
-38,4050208	-12,11803411	VS-70	1	-38,41785471	-12,14279856	VS-250	1
-38,45374607	-12,14098544	VS-250	1	-38,41703282	-12,22884132	VS-70	1
-38,42453487	-12,08480396	VS-70	1	-38,43747474	-12,12990038	MV-250	1
-38,42453487	-12,08480396	MV-250	1	-38,43747474	-12,12990038	VS-70	1
-38,50795386	-12,18031561	FL-30	1	-38,39887338	-12,12646677	MV-150	1
-38,42012142	-12,12243204	VS-250	1	-38,44337977	-12,13164704	VS-70	1
-38,42870643	-12,11808045	MV-250	1	-38,44337977	-12,13164704	VS-250	1
-38,41854475	-12,11809373	VS-70	1	-38,45089973	-12,15375195	VS-250	1
-38,40190464	-12,13443022	VS-70	1	-38,41674671	-12,14113242	MV-400	1
-38,41488301	-12,14633518	MV-250	1	-38,41617445	-12,24179461	VS-70	1
-38,38844795	-12,11552194	VS-70	1	-38,51161658	-12,19720908	VS-70	1
-38,46276234	-12,14027378	VS-70	1	-38,50658147	-12,18802206	MV-250	1
-38,40366467	-12,12721694	MV-250	1	-38,40446507	-12,12959845	VS-70	1
-38,42070632	-12,15140852	MV-250	1	-38,43327543	-12,13008098	VS-70	1
-38,42034672	-12,12809918	VS-70	1	-38,42173803	-12,15142352	VS-250	1
-38,44344144	-12,13678535	VS-150	1	-38,41991305	-12,13099027	VS-250	1
-38,44344144	-12,13678535	MV-250	1	-38,41991305	-12,13099027	MV-250	1
-38,41728795	-12,14719352	MV-250	1	-38,41378671	-11,97312289	VS-70	1
-38,41728795	-12,14719352	MV-250	1	-38,4441167	-12,13467127	VS-70	1
-38,43165972	-12,13166698	VS-250	1	-38,40351127	-12,1385868	MV-250	1
-38,42508304	-12,14078865	VS-250	1	-38,43237659	-12,11963539	MV-250	1
-38,41993306	-12,12539365	VS-70	1	-38,41562129	-12,14797188	MV-250	2
-38,41993306	-12,12539365	VS-250	1	-38,41562129	-12,14797188	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,40366288	-12,20101479	VS-70	1	-38,46066647	-12,14068542	VS-70	1
-38,42039896	-12,13578534	VS-250	1	-38,40307608	-12,23246791	VS-70	1
-38,42039896	-12,13578534	MV-400	1	-38,4080913	-12,12559524	MV-250	1
-38,50516486	-12,18493201	MV-250	1	-38,44122148	-12,13164708	VS-70	1
-38,44227764	-12,12415051	VS-150	1	-38,42904971	-12,13399869	VS-250	2
-38,44742463	-12,12665211	VS-70	1	-38,42448984	-12,19695422	VS-70	1
-38,42164635	-12,14939521	MV-400	1	-38,4011622	-12,13016012	MV-250	1
-38,4157796	-12,15050855	MV-250	1	-38,42100034	-12,14517173	VS-250	1
-38,4157796	-12,15050855	VS-70	1	-38,4484061	-12,26029298	VS-70	1
-38,43177644	-12,11607049	MV-250	1	-38,43958977	-12,13334704	MV-250	1
-38,43713646	-12,13389536	VS-250	1	-38,42090305	-12,12295371	MV-250	1
-38,42399632	-12,14067024	MV-250	2	-38,42963133	-12,14920027	VS-250	1
-38,44721686	-12,15758968	VS-70	1	-38,41113134	-12,14230855	MV-250	1
-38,40388628	-12,13050689	MV-250	1	-38,4075	-12,12836272	VS-70	1
-38,40545664	-12,13825554	VS-70	1	-38,39334792	-12,11807522	VS-70	1
-38,3976801	-12,14760032	VS-150	1	-38,4539688	-12,13933981	MV-250	1
-38,3976801	-12,14760032	VS-70	2	-38,4231497	-12,14364861	MV-250	1
-38,40337129	-12,1352452	MV-250	1	-38,4312914	-12,14968527	VS-250	1
-38,40373286	-12,19936649	VS-70	1	-38,44490101	-12,12274662	VS-150	1
-38,37172391	-11,97488985	VS-70	1	-38,4378564	-12,14274031	VS-250	1
-38,48978481	-12,17846033	MV-250	1	-38,42126968	-12,13370693	VS-250	1
-38,48978481	-12,17846033	VS-70	1	-38,43286981	-12,11654379	MV-250	1
-38,49789548	-12,20271833	VS-70	1	-38,44260486	-12,11355884	VS-70	1
-38,43024805	-12,13554201	VS-250	1	-38,44359434	-12,1524094	VS-150	1
-38,46662156	-12,14107711	MV-250	1	-38,44359434	-12,1524094	MV-250	1
-38,43184859	-12,07927808	VS-70	1	-38,42252131	-12,12576013	VS-70	1
-38,49370483	-12,16787873	VS-70	1	-38,42391307	-12,11873543	VS-70	1
-38,4310316	-12,08007895	VS-70	1	-38,42391307	-12,11873543	VS-250	1
-38,52895573	-12,18077011	VS-70	1	-38,44260813	-12,1318804	VS-70	1
-38,51197818	-12,17463415	VS-70	1	-38,38945582	-12,15435522	VS-150	1
-38,51382157	-12,17398056	VS-70	1	-38,38999613	-12,1557136	VS-150	1
-38,52882387	-12,179789	VS-70	1	-38,3901388	-12,15606679	VS-150	1
-38,52861168	-12,18024161	VS-70	1	-38,41250671	-11,97250791	VS-70	1
-38,51358819	-12,17463547	VS-70	1	-38,42252625	-12,14884448	MV-400	1
-38,51437106	-12,17264605	VS-70	1	-38,38790455	-12,11305306	VS-70	1
-38,51276333	-12,17352427	VS-70	1	-38,44309476	-12,14236201	VS-70	1
-38,49426822	-12,16744715	VS-70	1	-38,41260556	-12,13476034	VS-250	1
-38,43072323	-12,0798707	VS-70	1	-38,41260556	-12,13476034	VS-70	1
-38,51390822	-12,17369051	VS-70	1	-38,43979314	-12,12978037	VS-70	1
-38,51390822	-12,17369051	VS-70	1	-38,43408809	-12,12157374	VS-150	6
-38,51407983	-12,1733739	VS-70	1	-38,42366966	-12,14884187	VS-400	1
-38,49798269	-12,17008917	VS-70	1	-38,44547462	-12,1386045	VS-70	1
-38,49338816	-12,16806041	VS-70	1	-38,42086089	-12,13426827	VS-250	2
-38,50705153	-12,17360543	VS-70	1	-38,43070328	-12,04686418	VS-70	1
-38,49308153	-12,16824546	VS-70	1	-38,40623633	-12,12624529	MV-250	1
-38,51370317	-12,17431219	VS-70	1	-38,40113457	-12,14643176	MV-250	1
-38,51336012	-12,17366877	VS-70	1	-38,41070779	-12,14952708	MV-250	1
-38,43030761	-12,07997513	VS-150	1	-38,27693319	-12,1208867	MV-250	1
-38,43084355	-12,07965839	MV-400	1	-38,40213607	-12,15012869	VS-70	1
-38,43084355	-12,07965839	VS-70	1	-38,45623033	-12,22698669	VS-70	1
-38,51319649	-12,17566385	VS-70	1	-38,43582142	-12,13310704	VS-250	1
-38,5134565	-12,17498047	VS-70	1	-38,42274865	-12,13563177	MV-400	1
-38,5067082	-12,17311051	VS-70	1	-38,44005815	-12,13461535	MV-250	1
-38,42945323	-12,08032397	VS-70	1	-38,4722763	-12,21617405	VS-70	1
-38,4944682	-12,16717208	VS-70	1	-38,39182462	-12,13955683	MV-400	1
-38,49844597	-12,17030134	VS-70	1	-38,39182462	-12,13955683	VS-70	1
-38,51254963	-12,17333297	VS-70	1	-38,39696658	-12,13978602	VS-70	1
-38,42978987	-12,08006064	VS-70	1	-38,39712084	-12,13052339	MV-250	1
-38,43155994	-12,07952578	VS-70	1	-38,41445794	-12,14639682	MV-250	1
-38,43155994	-12,07952578	VS-250	1	-38,41832114	-12,13819881	MV-400	1
-38,52936422	-12,18090237	VS-70	1	-38,41871183	-12,12804174	MV-250	1
-38,4983166	-12,17076183	VS-70	1	-38,43061811	-12,13761699	MV-250	1
-38,52847582	-12,18059072	VS-70	1	-38,4466974	-12,13003298	VS-150	1
-38,51239453	-12,17400828	VS-70	1	-38,44284443	-12,13760168	VS-70	1
-38,51333317	-12,17532387	VS-70	1	-38,33611105	-12,17562962	VS-70	1
-38,51333317	-12,17532387	VS-70	1	-38,34478771	-12,21291945	VS-70	1
-38,51225545	-12,17434922	VS-70	1	-38,48262183	-12,22858617	VS-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,51430195	-12,1733981	VS-70	1	-38,41706745	-12,1308136	VS-70	1
-38,5140499	-12,17368435	VS-70	1	-38,39869091	-12,14783619	VS-70	1
-38,43133957	-12,07979954	VS-70	1	-38,42574939	-12,14679841	VS-250	1
-38,43133957	-12,07979954	MV-250	1	-38,42440038	-12,14440538	MV-250	1
-38,49479822	-12,16652547	VS-70	1	-38,39763459	-12,15038678	VS-250	1
-38,49401647	-12,16769546	VS-70	1	-38,39763459	-12,15038678	VS-70	1
-38,41551544	-12,12279012	VS-70	1	-38,30170308	-12,03880705	VS-70	1
-38,41530612	-12,12290458	VS-70	1	-38,41905299	-12,16526178	VS-70	1
-38,42280141	-12,1399986	VS-250	1	-38,31310116	-12,09686173	VS-70	1
-38,42204303	-12,14283358	VS-400	1	-38,32961031	-12,11193162	VS-70	1
-38,43038643	-12,13004705	MV-250	1	-38,29733309	-12,03651374	VS-70	1
-38,43042202	-12,15213574	VS-250	1	-38,35400283	-12,12887997	VS-70	1
-38,4612548	-12,13837217	VS-70	1	-38,33988069	-12,04760246	VS-70	1
-38,432958	-12,14856693	VS-70	1	-38,37552338	-12,11150375	MV-250	1
-38,50642975	-12,2607848	VS-70	1	-38,38743965	-12,11709859	VS-70	1
-38,40244445	-12,12175549	MT-500	1	-38,35017948	-12,12879833	VS-70	1
-38,41335974	-12,11250875	VS-70	1	-38,36159437	-12,05007955	VS-70	1
-38,45467815	-12,15182701	VS-70	1	-38,36019286	-12,05495878	VS-70	1
-38,42216733	-12,13841471	VS-250	1	-38,37791736	-12,10901219	VS-70	1
-38,3964463	-12,14252512	VS-70	1	-38,39182457	-12,13281352	VS-70	1
-38,42867802	-12,13933201	MV-250	1	-38,35960459	-12,05587206	VS-70	1
-38,40152124	-12,14310515	VS-70	1	-38,36511255	-12,12975172	VS-70	1
-38,38184958	-12,10758525	VS-70	2	-38,35877786	-12,0571654	VS-70	1
-38,41386967	-12,13750858	MV-250	1	-38,3614596	-12,05252373	VS-70	1
-38,41377127	-12,15096353	VS-70	1	-38,38272128	-12,10824024	VS-70	1
-38,41377127	-12,15096353	MV-250	1	-38,38661461	-12,11210522	MV-400	1
-38,42976801	-12,14319364	VS-150	1	-38,39233127	-12,14277916	MV-250	1
-38,44087658	-12,11371231	VS-150	1	-38,34913947	-12,12918998	VS-70	1
-38,41779139	-12,13934525	VS-250	1	-38,33304987	-12,03130272	VS-70	1
-38,42770972	-12,12711704	VS-70	1	-38,33367681	-12,03162707	VS-70	1
-38,41581967	-12,12151204	MV-250	1	-38,39401517	-12,14348537	VS-70	2
-38,40677275	-12,12023533	VS-70	1	-38,37279154	-12,14111489	VS-70	1
-38,41261941	-12,23806793	MV-250	1	-38,37089836	-12,10569034	VS-150	1
-38,41261941	-12,23806793	VS-70	1	-38,34881948	-12,08061353	VS-70	1
-38,40755776	-12,12894048	VS-70	2	-38,41545972	-12,16364748	VS-250	1
-38,41184832	-12,006271	VS-250	1	-38,41545972	-12,16364748	VS-250	1
-38,41184832	-12,006271	MV-400	8	-38,39613094	-12,15467622	VS-70	1
-38,43404646	-12,10522221	MV-250	1	-38,32822175	-12,10927025	VS-70	1
-38,43404646	-12,10522221	MV-400	1	-38,39498465	-12,11525858	VS-70	1
-38,43404646	-12,10522221	MV-250	1	-38,29826642	-12,03251706	VS-70	1
-38,42938146	-12,11732879	VS-250	1	-38,36941971	-11,99472081	VS-70	1
-38,41470786	-12,19920323	VS-250	1	-38,3671213	-12,00084739	VS-70	1
-38,28093147	-12,09582678	VS-70	1	-38,37620306	-11,97830599	VS-70	1
-38,423698	-12,14590526	MV-250	1	-38,43262359	-11,93359512	VS-70	1
-38,4319364	-12,15269026	VS-70	1	-38,40137836	-11,94842634	VS-70	1
-38,42298309	-12,1179321	VS-70	1	-38,38146802	-12,03600899	VS-70	1
-38,42122471	-12,12350871	VS-70	1	-38,37574144	-11,9768143	VS-250	1
-38,4221214	-12,12927869	VS-250	2	-38,42537173	-12,00388439	VS-70	1
-38,42255642	-12,11983708	MV-250	1	-38,37326802	-11,99352752	VS-70	1
-38,4651365	-12,14154877	VS-250	2	-38,37375642	-11,98779919	VS-70	1
-38,4651365	-12,14154877	MV-400	6	-38,36653139	-11,96952756	VS-70	1
-38,42867465	-12,15453857	VS-250	1	-38,38332816	-11,94828123	VS-70	1
-38,4304264	-12,12862371	MV-250	1	-38,35203452	-12,03623875	VS-70	1
-38,41971475	-12,12892032	VS-250	1	-38,37310857	-11,98718049	VS-70	1
-38,41239462	-12,15361349	VS-70	1	-38,404105	-11,93982645	VS-70	1
-38,42424324	-12,13436934	VS-150	1	-38,34134241	-12,04706763	VS-70	1
-38,42424324	-12,13436934	MV-250	1	-38,34742625	-11,97460909	VS-70	1
-38,39826759	-12,13950671	MT-160	1	-38,3767431	-11,97184767	VS-70	1
-38,41493625	-12,19908155	VS-400	1	-38,36571634	-11,96996597	VS-70	1
-38,48094782	-12,23232019	VS-70	1	-38,39796659	-11,96117958	VS-70	1
-38,39990131	-12,14851842	VS-70	1	-38,38031312	-11,95883282	VS-250	1
-38,40034453	-12,20069851	VS-70	1	-38,4035117	-11,93996978	VS-70	1
-38,43634478	-12,13195875	VS-150	1	-38,41996346	-11,94089991	VS-70	1
-38,43634478	-12,13195875	VS-250	1	-38,39008819	-11,94581298	VS-70	1
-38,44664676	-12,15916573	VS-70	1	-38,41219281	-12,24769457	VS-70	1
-38,44611757	-12,1606041	VS-70	1	-38,38003645	-11,95841113	VS-250	1
-38,4424799	-12,11302716	VS-70	1	-38,35886626	-12,00209735	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,42671415	-12,1339251	MV-250	1	-38,35953292	-12,0553521	VS-70	1
-38,40971467	-12,1322404	VS-70	1	-38,37262817	-11,99284411	VS-70	1
-38,42016306	-12,11730709	VS-70	1	-38,40744083	-11,93625357	VS-70	2
-38,42874609	-12,25094796	VS-70	1	-38,38540651	-11,94477961	VS-70	1
-38,43194809	-12,12492044	VS-70	1	-38,37593972	-11,97540265	VS-70	1
-38,43041304	-12,13887029	MV-250	1	-38,41720616	-11,94841437	VS-70	2
-38,39806089	-12,12649808	MV-250	1	-38,37258519	-11,98482324	VS-70	1
-38,39879127	-12,1252589	MV-250	1	-38,34430437	-12,03200369	VS-70	1
-38,42771693	-12,217879	VS-70	1	-38,40173315	-12,03057243	VS-250	1
-38,41142109	-12,15559391	MV-400	1	-38,34968953	-12,03668879	VS-70	1
-38,41142109	-12,15559391	VS-70	1	-38,38674321	-11,94630792	VS-70	1
-38,41566417	-12,22359529	VS-70	1	-38,40217495	-11,94095645	VS-250	3
-38,43660475	-12,12267542	VS-70	1	-38,40217495	-11,94095645	VS-70	2
-38,43660475	-12,12267542	MV-400	1	-38,37809036	-11,95651113	VS-250	1
-38,41237961	-12,16492179	VS-70	1	-38,45686313	-12,15578197	MV-250	1
-38,41715466	-12,13180455	VS-70	1	-38,48340288	-12,26928472	MV-250	1
-38,43014138	-12,13018535	VS-250	4	-38,40792616	-12,14372097	MV-250	1
-38,4231119	-12,13983913	MV-400	1	-38,40506271	-12,0233844	VS-70	1
-38,39511296	-12,11625022	VS-70	1	-38,43191857	-12,21277647	VS-70	1
-38,4264681	-12,12307707	VS-70	1	-38,42165746	-12,14966174	MV-400	1
-38,45872311	-12,14303041	MV-250	1	-38,41905815	-12,10287881	VS-70	1
-38,44387906	-12,12575006	VS-150	1	-38,43570313	-12,13579039	MV-250	1
-38,41046127	-12,15001178	MV-250	1	-38,41303334	-11,97262126	VS-70	1
-38,42097783	-12,13757207	MV-400	1	-38,40972472	-12,12905364	VS-70	1
-38,40334469	-12,1257469	VS-70	1	-38,40558965	-12,12307195	VS-70	1
-38,39457161	-11,95940791	VS-70	1	-38,46881988	-12,14567376	HL-300	1
-38,41451803	-12,11063872	MV-250	1	-38,46881988	-12,14567376	MV-250	1
-38,46032752	-12,25592431	VS-70	1	-38,40984163	-12,00562433	VS-70	1
-38,39879647	-12,12666716	MV-150	1	-38,3536211	-12,18826468	VS-70	1
-38,39918699	-12,12720122	MV-150	1	-38,44193985	-12,11237549	VS-70	1
-38,49057798	-12,23465662	VS-70	1	-38,42165797	-12,15013856	MV-400	1
-38,4006528	-12,19778984	VS-70	1	-38,39864235	-12,13716181	VS-250	1
-38,44227986	-12,11389554	VS-70	1	-38,44667683	-12,01077281	VS-70	1
-38,4458168	-12,15875487	VS-70	1	-38,50634817	-12,18736539	VS-250	1
-38,44432891	-12,15923762	VS-70	1	-38,4137532	-12,15374777	VS-70	1
-38,44463385	-12,15898617	VS-70	1	-38,41796966	-12,15532906	VS-70	1
-38,44623881	-12,15737921	VS-70	1	-38,44451808	-12,13501703	MV-250	1
-38,48192373	-12,26927375	VS-70	1	-38,4680082	-12,14075549	MV-250	1
-38,45745289	-12,15590978	VS-70	1	-38,4680082	-12,14075549	VM-250	1
-38,43258136	-12,14387533	VS-250	1	-38,46527821	-12,13710545	MV-250	1
-38,39146786	-12,15248508	VS-70	1	-38,41902633	-12,13185695	MV-250	1
-38,39883716	-12,14870757	VS-70	1	-38,40927368	-12,12984415	MV-250	1
-38,46528818	-12,13824051	MV-250	1	-38,50114129	-12,24950989	VS-70	1
-38,51107319	-12,1783671	VS-70	1	-38,41886092	-12,1380722	MV-400	1
-38,43888725	-12,14279142	MV-250	1	-38,40374128	-12,13960352	MV-250	1
-38,42642136	-12,14517021	MV-250	1	-38,40207965	-12,11864197	VS-70	1
-38,42370811	-12,11837874	VS-70	1	-38,41987551	-12,22223261	VS-70	1
-38,50600003	-12,26239548	VS-70	1	-38,42870976	-12,13075373	VS-250	1
-38,41134756	-12,15103794	VS-70	1	-38,43306972	-12,1410953	VS-250	1
-38,4322769	-11,93553176	VS-70	1	-38,40343967	-12,14094515	VS-150	1
-38,40884698	-12,1174303	VS-70	1	-38,40129962	-12,14124678	VS-70	1
-38,41169801	-12,12512532	VS-70	1	-38,40462463	-12,12920027	MV-250	1
-38,43599806	-12,13672372	MV-250	1	-38,36069054	-12,1657427	VS-70	1
-38,41991303	-12,12451704	VS-70	1	-38,41696799	-12,15567344	VS-250	1
-38,41991303	-12,12451704	MV-250	1	-38,41696799	-12,15567344	MV-250	1
-38,41588678	-12,13255804	VS-250	1	-38,47518446	-12,14306914	VS-70	1
-38,44136368	-12,14025551	VS-70	1	-38,41316023	-12,11995744	VS-70	1
-38,42220807	-12,11811202	VS-70	1	-38,43807146	-12,13087208	VS-70	2
-38,42476484	-12,13585771	VS-70	1	-38,43056976	-12,11592215	MV-250	1
-38,4315514	-12,15062194	VS-70	1	-38,41806476	-12,11369205	VS-70	1
-38,3426461	-12,16544639	MV-400	1	-38,4228627	-12,125044	VS-70	1
-38,3426461	-12,16544639	VS-70	1	-38,40850375	-12,13346616	VS-70	1
-38,41550939	-12,1281057	VS-70	1	-38,44155637	-12,14673867	VS-250	1
-38,28052644	-12,11443675	VS-70	1	-38,5018913	-12,25187661	VS-70	1
-38,4475368	-12,12707648	VS-70	1	-38,40515084	-12,13094443	MV-250	1
-38,44317474	-12,14912033	VS-250	1	-38,41924996	-12,13789742	MV-400	1
-38,44359201	-12,12420721	VS-150	1	-38,42044948	-12,15492639	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,31198668	-12,0662342	VS-70	1	-38,42044948	-12,15492639	VS-400	1
-38,42829476	-12,11825541	MV-250	1	-38,50645156	-12,18262628	VS-70	1
-38,40337902	-12,13640436	MV-250	1	-38,44180984	-12,11470051	VS-70	1
-38,42956313	-12,11677542	VS-250	1	-38,34160108	-12,16557479	VS-70	1
-38,41462406	-12,1162754	VS-150	1	-38,39582957	-12,14501346	VS-70	1
-38,41462406	-12,1162754	VS-150	1	-38,43270474	-12,14334025	VS-250	1
-38,41462406	-12,1162754	VS-70	1	-38,40075449	-12,20328141	VS-70	1
-38,4140263	-12,14077352	MV-250	1	-38,44092812	-12,12994546	VS-70	1
-38,40725809	-12,12819791	MV-250	1	-38,39558268	-12,15385042	VS-70	1
-38,40345139	-12,15324404	MV-250	1	-38,40158798	-12,13983349	VS-70	1
-38,40345139	-12,15324404	VS-70	1	-38,40488459	-12,1383669	MV-250	1
-38,44265447	-12,14804055	VS-250	1	-38,40488459	-12,1383669	MV-400	1
-38,41920185	-12,11811585	VS-150	1	-38,43084136	-12,13850868	MV-250	1
-38,39852978	-12,14244612	VS-150	1	-38,46179488	-12,1405621	MV-250	1
-38,39852978	-12,14244612	VS-70	1	-38,4145068	-12,11535782	VS-70	1
-38,43233481	-12,11670047	MV-250	1	-38,44419476	-12,15109193	VS-250	1
-38,43434424	-12,14628939	VS-70	1	-38,43017968	-12,14740192	VS-250	1
-38,42917908	-12,11906509	VS-250	1	-38,45670063	-12,22714334	VS-70	1
-38,40908128	-12,13750186	VS-250	1	-38,43145474	-12,1501919	VS-250	1
-38,41979312	-12,19764918	VS-70	1	-38,43145474	-12,1501919	VS-70	1
-38,44098475	-12,14305703	VS-70	1	-38,41742134	-12,12791535	VS-70	1
-38,41459001	-12,14546225	VS-250	1	-38,43159167	-12,04805416	VS-70	1
-38,47489658	-12,14495385	VS-70	1	-38,42007972	-12,13587193	MV-400	2
-38,40413633	-12,13209518	VS-70	1	-38,40120141	-12,13303914	VS-70	1
-38,40413633	-12,13209518	MV-250	1	-38,51070477	-12,197142	VS-250	1
-38,42704974	-12,12377209	VS-250	1	-38,44880127	-12,15363985	MV-250	1
-38,35296778	-12,12770002	VS-70	1	-38,4152546	-12,14794961	MV-250	1
-38,40669971	-12,1246436	MV-250	1	-38,43006632	-12,15048522	VS-150	1
-38,42302591	-12,15120468	VS-250	1	-38,41366282	-12,20882313	VS-70	1
-38,4184397	-12,12509864	MV-250	1	-38,42606473	-12,14606362	VS-250	1
-38,39159294	-12,1496884	VS-70	1	-38,42606473	-12,14606362	MV-250	1
-38,41463794	-12,15202345	VS-400	1	-38,37406999	-12,14290666	VS-70	1
-38,39938792	-12,13340351	VS-70	1	-38,39368316	-12,14342968	VS-70	1
-38,43295717	-12,12996448	VS-70	1	-38,36733458	-12,05044717	VS-70	1
-38,44203482	-12,12850206	VS-150	1	-38,44622266	-12,14107632	VS-70	1
-38,42084797	-12,15620681	VS-70	1	-38,38722955	-12,1454934	VS-70	1
-38,41570132	-12,13461191	VS-70	1	-38,37528136	-12,04664717	VS-70	1
-38,44197816	-12,1544199	VS-70	1	-38,37750725	-12,10938504	VS-70	1
-38,43253639	-12,13108367	VS-250	1	-38,36387617	-12,09252193	VS-70	1
-38,41897303	-12,12532201	MV-250	1	-38,37313231	-12,10956892	VS-70	1
-38,46935233	-12,13446757	VS-70	1	-38,3608446	-12,05405878	VS-70	1
-38,37037621	-12,12989674	MV-250	1	-38,30114809	-12,038782	VS-70	1
-38,37037621	-12,12989674	VS-70	1	-38,38245292	-12,1080395	VS-70	1
-38,40904803	-12,12583694	MV-250	1	-38,44543062	-12,14162068	VS-70	1
-38,41101132	-12,15491183	VS-70	1	-38,29802808	-12,03300039	VS-70	1
-38,39871754	-12,0537252	VS-70	1	-38,34452616	-12,07993684	VS-70	1
-38,41968802	-12,13354193	MV-250	1	-38,32932683	-12,11082811	VS-70	1
-38,43733314	-12,12316875	VS-70	1	-38,35240453	-12,08485851	VS-70	1
-38,43098482	-12,11758706	MV-250	1	-38,43261992	-12,15822698	VS-70	1
-38,44329265	-12,15641661	VS-70	1	-38,39118961	-12,12232518	VS-70	1
-38,41261953	-12,1515801	VS-70	1	-38,37887464	-12,10504355	VS-70	1
-38,46354298	-12,13656951	VS-70	1	-38,39360959	-12,13995681	VS-70	1
-38,29161137	-12,11833172	VS-70	1	-38,39360959	-12,13995681	MV-250	1
-38,44197809	-12,12886377	VS-70	1	-38,39360959	-12,13995681	VS-70	1
-38,43323987	-12,12091745	VS-250	1	-38,39109201	-12,12995447	VS-70	1
-38,40829299	-12,13757855	VS-250	1	-38,37374669	-12,10040324	VS-250	1
-38,40623802	-12,12589362	MV-250	1	-38,36396127	-12,04950381	VS-70	1
-38,45403646	-12,15367868	VS-70	1	-38,42214239	-12,16255311	VS-250	1
-38,41601303	-12,12883367	MV-250	1	-38,42214239	-12,16255311	MV-250	1
-38,40892469	-12,12610696	MV-250	1	-38,41435303	-12,17106595	VS-70	1
-38,44991644	-12,14438374	VS-70	1	-38,37679993	-12,10752162	VS-70	1
-38,39819122	-12,14812513	MV-250	1	-38,41440103	-12,16982184	VS-70	1
-38,44390016	-12,11185261	VS-150	1	-38,39427149	-12,11503418	VS-70	1
-38,43141976	-12,14383199	VS-150	1	-38,36673621	-12,09630193	VS-70	3
-38,43252884	-12,14411216	VS-250	1	-38,328107	-12,10974667	VS-70	1
-38,41544303	-12,1266403	VS-70	1	-38,3919185	-12,13469395	MV-250	2
-38,41200967	-12,11861204	VS-70	1	-38,36533626	-12,09183527	VS-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,36565894	-12,15719043	VS-70	1	-38,36533626	-12,09183527	VS-70	1
-38,4345931	-12,11983709	MV-250	1	-38,39648996	-12,1543006	VS-70	1
-38,41757872	-12,14055862	MV-250	1	-38,29753311	-12,03417036	VS-70	1
-38,42552467	-12,14746694	MV-400	2	-38,39739794	-12,15026679	MV-400	1
-38,37694953	-12,13193674	VS-70	1	-38,39739794	-12,15026679	MV-400	2
-38,39158023	-12,12971747	VS-70	2	-38,36137284	-12,09234523	VS-70	1
-38,39897296	-12,13268182	VS-70	1	-38,36750303	-12,17309988	VS-70	1
-38,42193301	-12,13501695	MV-400	1	-38,36750303	-12,17309988	FL-45	1
-38,41436641	-12,11444039	VS-70	1	-38,36712672	-12,16460523	VS-70	1
-38,42540706	-12,12751167	VS-150	1	-38,36632845	-12,1584969	VS-70	1
-38,41054114	-12,11757006	VS-70	1	-38,31151821	-12,06990568	VS-70	1
-38,41380722	-12,11056028	MV-250	1	-38,36581111	-12,16416194	VS-70	1
-38,50037476	-12,21504352	VS-70	1	-38,36755508	-12,1634598	VS-70	1
-38,41448969	-12,12519861	VS-250	1	-38,36654119	-12,1579387	VS-70	1
-38,44502544	-12,15230226	VS-250	1	-38,39154787	-12,15071669	MV-250	1
-38,44476211	-12,1520749	MV-250	1	-38,43436122	-12,23320145	VS-70	1
-38,44476211	-12,1520749	MV-250	1	-38,39184443	-12,15051692	MV-250	1
-38,40016364	-12,12965246	MV-250	1	-38,39122357	-12,15089218	MV-250	1
-38,442441	-12,15332075	VS-70	1	-38,37090326	-12,17259529	VS-70	1
-38,43241304	-12,14498693	VS-250	1	-38,3146929	-12,07082683	VS-70	1
-38,43241304	-12,14498693	VS-70	1	-38,3683157	-12,1720393	VS-70	2
-38,43168398	-12,1239829	VS-70	1	-38,39193126	-12,15012674	VS-70	1
-38,40434891	-12,13563407	VS-70	1	-38,31844953	-12,07273518	VS-250	1
-38,41492466	-12,13892525	MV-250	1	-38,31395576	-12,07042984	VS-70	1
-38,44089277	-12,11288571	VS-150	1	-38,38892814	-12,15109082	MV-250	1
-38,4416437	-12,11144332	VS-150	1	-38,3150046	-12,07101022	VS-70	1
-38,44227767	-12,11214404	VM-250	1	-38,35662613	-12,16913482	VS-70	1
-38,41876137	-12,1357886	VS-400	2	-38,35004605	-12,16506644	VS-70	1
-38,41876137	-12,1357886	MV-150	6	-38,36494513	-12,1625541	VS-70	1
-38,43030982	-12,11729707	MV-250	1	-38,36569458	-12,15974406	VS-70	1
-38,33196769	-12,17124635	VS-70	1	-38,31368597	-12,0727189	VS-70	1
-38,42468974	-12,13935863	VS-400	1	-38,36613087	-12,16231273	MV-250	1
-38,43479645	-12,13824701	VS-250	1	-38,36613087	-12,16231273	MV-250	11
-38,45666151	-12,14268207	VS-70	1	-38,33884105	-12,16461803	VS-70	1
-38,45666151	-12,14268207	MV-250	1	-38,43449955	-12,23270142	VS-70	1
-38,43487644	-12,13237701	VS-150	1	-38,36711248	-12,16860626	VS-70	1
-38,40076689	-12,13219533	VS-70	1	-38,3904833	-12,15134468	MV-250	1
-38,39387443	-12,22942962	VS-70	1	-38,33867937	-12,16423136	VS-70	2
-38,43152968	-12,14913525	VS-70	1	-38,33910775	-12,16449809	VS-70	2
-38,42154303	-12,12587368	VS-70	1	-38,36642012	-12,16393383	VS-70	1
-38,42154303	-12,12587368	VS-70	1	-38,31173713	-12,07438996	VS-70	1
-38,4347881	-12,13042536	VS-250	1	-38,3660072	-12,15806174	VS-70	1
-38,4417464	-12,140632	VS-70	1	-38,36531239	-12,16256173	VS-250	1
-38,42535301	-12,1421036	VS-250	1	-38,39211621	-12,15033172	MV-250	1
-38,43821818	-12,11233046	VS-250	1	-38,39211621	-12,15033172	MV-250	1
-38,41434801	-12,13853024	MV-400	1	-38,3887147	-12,15082165	MV-250	1
-38,41470969	-12,11382206	VS-70	2	-38,39237676	-12,154066	VS-70	1
-38,41579975	-12,10683379	VS-70	1	-38,30116117	-12,05122204	VS-70	1
-38,36645624	-12,0917586	VS-70	1	-38,3654922	-12,15912922	VS-70	1
-38,40075324	-12,15539141	VS-70	1	-38,36694776	-12,16386658	VS-70	2
-38,4152157	-12,1431219	MV-250	1	-38,36694776	-12,16386658	VS-250	1
-38,40385007	-12,1228485	VS-70	1	-38,36406083	-12,16236733	VS-70	1
-38,40424632	-12,12372863	VS-70	2	-38,3673034	-12,1582773	VS-70	1
-38,41043629	-12,15386183	MV-250	1	-38,31128721	-12,07442912	VS-70	1
-38,42838808	-12,13521368	VS-250	1	-38,37040177	-12,17217473	VS-70	1
-38,43416981	-12,12639541	VS-70	1	-38,36768132	-12,15720973	VS-70	1
-38,43012302	-12,14766695	VS-250	1	-38,4379283	-12,13818573	MV-250	1
-38,43946784	-12,13046207	VS-70	1	-38,4153973	-12,15056912	VS-70	1
-38,49499483	-12,17822041	VS-70	1	-38,39132494	-11,93921968	VS-70	1
-38,42996809	-12,1447703	VS-250	1	-38,4253861	-12,21806832	VS-70	1
-38,40393966	-12,14175181	MV-250	1	-38,39357355	-12,11700071	MV-400	4
-38,33573105	-12,16713805	VS-70	1	-38,44872197	-12,12677682	VS-70	1
-38,44461812	-12,14659032	VS-250	1	-38,44689002	-12,12586429	VS-70	1
-38,4359483	-12,04682087	VS-70	1	-38,42163462	-12,1370032	VS-400	1
-38,43925149	-12,13022873	VS-70	1	-38,46371314	-12,14176708	VS-150	1
-38,42115441	-12,25379789	VS-70	1	-38,44367482	-12,13278042	MV-250	1
-38,4328997	-12,14794357	VS-250	1	-38,39495764	-12,15401088	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,44153818	-12,11492388	VS-70	1	-38,39495764	-12,15401088	VS-70	1
-38,41445465	-12,14502016	VS-400	1	-38,41992306	-12,13551198	VS-250	2
-38,41445465	-12,14502016	MV-250	1	-38,41186467	-12,14432017	MV-250	1
-38,43366178	-12,00611274	VS-70	1	-38,41475466	-12,12840528	VS-70	1
-38,4170001	-12,13798716	MV-400	1	-38,41146969	-12,13217191	MV-250	1
-38,42785478	-12,12651708	VS-70	1	-38,42770732	-12,13675576	VS-150	1
-38,36169443	-12,1847381	VS-250	1	-38,33155433	-12,17408629	MV-400	1
-38,43752145	-12,14008533	MV-250	1	-38,45328978	-12,15447362	MV-250	1
-38,50420814	-12,18478039	VS-150	1	-38,43022135	-12,14919526	VS-70	1
-38,50420814	-12,18478039	MV-250	1	-38,46719483	-12,14385543	VS-250	1
-38,50420814	-12,18478039	MV-250	1	-38,46719483	-12,14385543	MV-400	1
-38,50420814	-12,18478039	VS-150	1	-38,40565116	-12,02459944	VS-70	1
-38,50420814	-12,18478039	MV-150	1	-38,44315478	-12,12507715	VS-250	1
-38,50420814	-12,18478039	MV-150	1	-38,43735903	-12,14463585	VS-70	1
-38,50420814	-12,18478039	VS-70	1	-38,41215948	-12,22906971	VS-70	1
-38,41157245	-12,21048851	VS-70	1	-38,41537129	-12,12814887	VS-70	2
-38,4177529	-12,14674351	VS-250	1	-38,41540749	-12,13179906	VS-70	1
-38,43503471	-12,13596701	MV-250	2	-38,4174096	-12,15207133	MV-250	1
-38,43326315	-12,12644872	MV-250	1	-38,43817117	-12,24373465	VS-70	1
-38,39799143	-12,12698355	MV-250	1	-38,3906796	-12,1231119	VS-70	1
-38,41459805	-12,13652027	VS-250	1	-38,42317153	-12,08660392	VS-70	1
-38,37223417	-11,97489402	VS-70	1	-38,38987797	-12,09888863	MV-250	1
-38,42827327	-12,13801576	VS-250	1	-38,44977414	-12,16446801	VS-70	1
-38,41982474	-12,13009527	VS-250	1	-38,41978292	-12,11503737	VS-70	1
-38,41407301	-12,14204685	MV-250	1	-38,43119469	-12,14568362	VS-250	2
-38,42134083	-12,15536628	VS-70	1	-38,43468309	-12,13775537	MV-250	1
-38,41293958	-12,15491513	MV-250	1	-38,42946635	-12,15023193	VS-150	1
-38,46312615	-12,25827255	VS-70	1	-38,42946635	-12,15023193	VS-250	1
-38,41711134	-12,13797696	MV-400	1	-38,39978419	-12,12568624	MV-150	1
-38,42417305	-12,13030867	VS-250	1	-38,51656407	-12,19968184	VS-70	1
-38,43218467	-12,14706529	VS-250	1	-38,51597971	-12,19977492	VS-70	1
-38,40990624	-12,12566699	MV-250	1	-38,42425406	-12,14411579	VS-250	1
-38,40990624	-12,12566699	MV-70	1	-38,42302594	-12,13677594	MV-400	1
-38,4013626	-12,13224723	VS-70	1	-38,41532246	-12,22451664	VS-70	1
-38,43401145	-12,12586537	MV-250	1	-38,49274628	-12,22956338	VS-70	1
-38,42225465	-12,14468191	VS-250	1	-38,43533493	-12,19988312	VS-70	1
-38,42384978	-12,12174037	VS-70	1	-38,43533493	-12,19988312	MV-400	1
-38,41834629	-12,15189184	MV-250	1	-38,50199303	-12,21271681	VS-70	1
-38,47546439	-12,16507551	MV-250	1	-38,51054148	-12,19682197	VS-250	1
-38,39779465	-12,13360852	VS-70	1	-38,41563803	-12,13514522	VS-70	1
-38,39152627	-12,12234022	VS-70	1	-38,39073533	-12,12972279	VS-70	1
-38,4362631	-12,12070209	VS-250	1	-38,42994809	-12,1360553	VS-250	1
-38,281145	-11,96395898	VS-70	1	-38,44550704	-12,12236072	VS-70	1
-38,44455812	-12,13536708	VS-250	1	-38,44834817	-12,13866544	VS-70	1
-38,43945141	-12,13761867	MV-250	1	-38,45040969	-12,15703973	VS-70	1
-38,41946619	-12,15479629	MV-250	1	-38,45040969	-12,15703973	VS-250	1
-38,44510936	-12,13586209	VS-70	1	-38,41804471	-12,13057196	VS-70	1
-38,44510936	-12,13586209	VS-250	1	-38,43329468	-12,15024862	VS-70	1
-38,42683111	-12,25405956	VS-70	1	-38,42650278	-12,12825757	VS-150	1
-38,41151945	-12,24672123	VS-70	1	-38,41001006	-12,12930477	VS-70	1
-38,3966231	-12,14003051	VS-70	1	-38,41365633	-12,14810851	VS-70	1
-38,40374461	-12,12908691	VS-70	1	-38,41684469	-12,14531186	MV-250	1
-38,40374461	-12,12908691	VS-250	1	-38,42252129	-12,15117684	VS-250	1
-38,40884131	-12,13582352	MV-250	1	-38,39931018	-12,12679941	MV-150	1
-38,41828511	-12,14144014	MV-250	1	-38,40659606	-12,14492079	MV-250	1
-38,4423954	-12,14311852	VS-70	1	-38,4089664	-12,10905705	VS-70	1
-38,41855395	-12,12346225	VS-250	1	-38,49467983	-12,17218877	VS-70	1
-38,50637984	-12,18720375	MV-250	1	-38,4284335	-12,20724209	VS-70	1
-38,40474798	-12,13057026	VS-70	1	-38,41291898	-12,24209508	FL-85	1
-38,41349804	-12,12259536	VS-70	1	-38,41934818	-12,12753155	VS-70	1
-38,40732966	-12,13604192	VS-250	1	-38,41882636	-12,13315859	VS-250	1
-38,3980213	-12,13869921	VS-70	1	-38,41882636	-12,13315859	VS-70	1
-38,40006709	-12,12431513	MV-250	1	-38,41916807	-12,13285194	VS-250	1
-38,3964784	-12,12687981	MV-250	1	-38,41493464	-12,15431015	VS-70	1
-38,44237475	-12,14429198	VS-70	1	-38,42932992	-12,12441527	VS-250	1
-38,44237475	-12,14429198	VS-250	1	-38,41917306	-12,12648702	MV-250	1
-38,4398114	-12,14346196	MV-250	1	-38,420553	-12,14255025	MV-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,39917854	-12,14283912	VS-70	1	-38,39960448	-12,12879268	MV-250	1
-38,49582976	-12,21293515	VS-70	1	-38,43248475	-12,13527704	VS-250	1
-38,49582976	-12,21293515	VS-250	1	-38,41986445	-12,22169084	VS-70	1
-38,50864644	-12,19294368	MV-250	1	-38,4337269	-12,12609009	MV-250	1
-38,42988976	-12,1175371	MV-250	1	-38,43088314	-12,11903705	MV-250	1
-38,40030139	-12,13442082	VS-70	1	-38,45884651	-12,1395288	VS-70	1
-38,41604632	-12,15517682	MV-250	1	-38,43343974	-12,14495694	VS-250	1
-38,41308797	-12,14621186	MV-250	1	-38,43343974	-12,14495694	VS-150	8
-38,42106639	-12,14296356	MV-250	1	-38,43343974	-12,14495694	MV-400	15
-38,45530476	-12,15084204	VS-70	1	-38,4329081	-12,13701698	MV-250	1
-38,45530476	-12,15084204	MV-250	1	-38,41953474	-12,12463031	VS-70	1
-38,42233806	-12,13382194	MV-250	1	-38,44983652	-12,15551857	VS-70	1
-38,43236137	-12,13861532	MV-250	2	-38,40639798	-12,12929525	VS-70	1
-38,42980271	-12,14736555	VS-250	1	-38,40012296	-12,13906735	VS-70	1
-38,43288975	-12,13187873	MV-250	1	-38,44124825	-12,11312174	VS-150	1
-38,44451022	-12,15967147	VS-70	1	-38,41929994	-12,13798807	MV-400	1
-38,40649965	-12,12555192	MV-250	1	-38,39805048	-12,14403619	VS-70	1
-38,40045313	-12,14256786	VS-70	1	-38,39805048	-12,14403619	VS-70	1
-38,41633802	-12,15453851	MV-250	1	-38,39805048	-12,14403619	VS-150	4
-38,41563141	-12,12619202	VS-70	1	-38,4835014	-12,23078212	VS-250	1
-38,41783465	-12,15009351	VS-250	1	-38,4835014	-12,23078212	VS-70	1
-38,45959149	-12,14012712	VS-250	1	-38,41587912	-12,11545114	VS-70	1
-38,43377976	-12,13055536	VS-70	1	-38,44141149	-12,13205377	VS-250	1
-38,43377976	-12,13055536	VS-250	1	-38,4314447	-12,14659192	VS-250	1
-38,39766893	-12,13882776	VS-70	1	-38,44317977	-12,13786372	MV-250	1
-38,41167111	-12,24724118	VS-70	1	-38,4290214	-12,13548861	MV-400	1
-38,39591795	-12,14646848	VS-70	1	-38,4290214	-12,13548861	VS-250	1
-38,42084304	-12,12597701	VS-70	1	-38,44464631	-12,12451198	VS-250	1
-38,45350646	-12,15410366	VS-70	1	-38,43099642	-12,13190035	VS-250	1
-38,48862803	-12,22380174	VS-70	1	-38,42966856	-12,11647022	MV-250	1
-38,3999325	-12,14075236	VS-70	1	-38,50695648	-12,18949041	MV-250	1
-38,49998801	-12,21465185	VS-70	1	-38,41034798	-12,12565864	VS-70	1
-38,51036975	-12,19613034	VS-250	1	-38,42120801	-12,13268526	MV-400	1
-38,41046626	-12,15159518	MV-250	1	-38,42120801	-12,13268526	VS-250	1
-38,40801803	-12,1191576	VS-70	1	-38,41884474	-12,12367038	MV-250	1
-38,42354806	-12,12876481	VS-250	1	-38,41884474	-12,12367038	MV-250	1
-38,46637824	-12,13952714	VS-250	1	-38,42681807	-12,12318206	VS-70	1
-38,40559463	-12,14364516	VS-250	1	-38,41200453	-12,20904351	VS-70	1
-38,43967309	-12,12951541	VS-70	1	-38,28095647	-12,10297016	VS-70	1
-38,43707978	-12,1285004	VS-250	1	-38,42859478	-12,12365202	VS-70	1
-38,43707978	-12,1285004	VS-70	1	-38,42011473	-12,12278871	MV-250	1
-38,44308101	-12,11203438	MV-150	1	-38,43100641	-12,12306377	VS-70	1
-38,41798662	-12,11869809	VS-70	1	-38,43100641	-12,12306377	MT-250	1
-38,41798662	-12,11869809	VS-70	1	-38,43100641	-12,12306377	MT-500	1
-38,33178934	-12,1869679	VS-70	1	-38,44197977	-12,14860365	MV-250	1
-38,29386277	-12,08032189	VS-70	1	-38,41128739	-12,12356257	MV-250	1
-38,43513311	-12,14117202	VS-70	1	-38,44174813	-12,12866041	VS-150	1
-38,43540973	-12,14482863	VS-70	2	-38,41765809	-12,10013048	VS-70	1
-38,40949304	-12,13584525	MV-250	1	-38,41765809	-12,10013048	VS-70	1
-38,41346628	-12,1551101	MV-250	1	-38,41765809	-12,10013048	VS-70	1
-38,38885965	-12,1155969	VS-70	1	-38,43782603	-12,12912729	VS-70	1
-38,44485237	-12,13587711	MV-250	1	-38,41346629	-12,15429514	VS-70	1
-38,43935147	-12,13352208	MV-250	1	-38,41906808	-12,12545197	VS-250	1
-38,41251925	-12,15474601	MV-250	1	-38,42036728	-12,14019204	MV-400	1
-38,42233998	-12,13601962	VS-400	2	-38,40310954	-12,12762144	VS-70	1
-38,41951151	-12,1506993	MV-250	1	-38,40154646	-12,12829222	VS-150	1
-38,44062475	-12,13263538	MV-250	1	-38,40026994	-12,12710094	VS-70	1
-38,42022559	-12,15705198	VS-70	1	-38,40022776	-12,12626613	VS-70	1
-38,42022559	-12,15705198	MV-400	1	-38,40022776	-12,12626613	VS-250	1
-38,43298816	-12,11680548	MV-250	1	-38,42205971	-12,12900699	VS-250	1
-38,44043642	-12,14416366	VS-250	1	-38,49945879	-12,20178128	VS-70	1
-38,43595312	-12,14177369	VS-250	1	-38,41567696	-12,13954234	MV-400	1
-38,43507145	-12,13883697	MV-250	1	-38,41567696	-12,13954234	MV-250	1
-38,43228142	-12,144207	VS-250	5	-38,41191074	-12,14419574	VS-250	1
-38,41087128	-12,14222356	MV-250	1	-38,43860644	-12,14481532	VS-70	1
-38,44807283	-12,15878427	MV-70	1	-38,43860644	-12,14481532	VS-250	1
-38,44718168	-12,15855912	VS-70	1	-38,42342307	-12,13288362	VS-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,44589751	-12,15915735	VS-70	1	-38,42058967	-12,15542018	VS-70	1
-38,44589751	-12,15915735	VS-250	1	-38,44009817	-12,12799374	VS-70	1
-38,40400294	-12,14118014	MV-250	1	-38,40674966	-12,12365526	VS-70	2
-38,41967472	-12,13244362	VS-250	1	-38,50134297	-12,25033661	VS-70	1
-38,43967182	-12,13036314	VS-70	1	-38,42138975	-12,12604366	VS-70	1
-38,44615506	-12,15925473	VS-70	1	-38,40183503	-12,14369075	VS-70	1
-38,41087803	-12,13217362	MV-250	1	-38,41026067	-12,11913514	VS-70	1
-38,39651465	-12,15221058	VS-70	1	-38,41963141	-12,10890214	VS-70	1
-38,41272727	-12,1227104	VS-70	1	-38,41963141	-12,10890214	VS-250	1
-38,42097751	-12,12430269	VS-70	1	-38,41963141	-12,10890214	VS-70	1
-38,42097751	-12,12430269	VS-70	1	-38,41454971	-12,1390269	MV-250	1
-38,41842849	-12,19584624	VS-70	2	-38,40668323	-12,21237447	VS-70	1
-38,4182139	-12,19610929	VS-70	1	-38,40543033	-12,22087949	VS-70	1
-38,41113813	-12,12868021	VS-150	1	-38,43985018	-12,15150971	VS-70	1
-38,44236478	-12,14162538	VS-70	1	-38,44046755	-12,1517457	VS-70	1
-38,44236478	-12,14162538	VS-250	1	-38,44046755	-12,1517457	VS-250	1
-38,42702624	-12,14636682	VS-250	1	-38,44109735	-12,15146828	VS-70	1
-38,41398466	-12,14659189	FL-30	1	-38,44109735	-12,15146828	VS-250	1
-38,41705427	-12,15012528	MV-250	1	-38,44021166	-12,15396464	VS-70	1
-38,42173303	-12,13124528	MV-250	1	-38,4180408	-12,14272162	MV-250	1
-38,48750643	-12,25821673	VS-70	1	-38,4432298	-12,1108585	VS-150	1
-38,41860803	-12,1470969	MV-250	1	-38,44284747	-12,11002588	VS-150	1
-38,41617466	-12,1454152	VS-70	1	-38,42093808	-12,12954864	MV-250	1
-38,40722459	-12,14490179	MV-250	1	-38,42046471	-12,13769524	MV-400	1
-38,30416468	-12,05654361	VS-70	1	-38,40963136	-12,13011193	VS-70	1
-38,42064968	-12,13897027	MV-400	2	-38,40791258	-12,12488466	MV-250	1
-38,41572101	-12,14821293	MV-400	1	-38,40791258	-12,12488466	MV-400	4
-38,43068473	-12,12556701	VS-70	1	-38,4228346	-12,13710945	VS-400	1
-38,43068473	-12,12556701	MV-400	1	-38,44665217	-12,12280287	VS-70	1
-38,43974974	-12,13371543	VS-250	1	-38,44647008	-12,12353535	VS-70	1
-38,3277547	-12,11453729	VS-70	1	-38,4182191	-12,14051149	VS-250	1
-38,41935456	-12,13602367	MV-400	1	-38,49306819	-12,17439542	VS-70	1
-38,43685982	-12,13033208	VS-250	1	-38,41577636	-12,12266531	VS-70	1
-38,46060929	-12,13673906	VS-70	1	-38,41577636	-12,12266531	VS-70	1
-38,38172404	-12,13361096	VS-70	1	-38,42493633	-12,14573361	MV-400	1
-38,4123747	-12,11855701	VS-70	1	-38,43165446	-12,15855943	VS-70	1
-38,41751135	-12,11930705	VS-150	1	-38,41810372	-12,15504058	VS-70	1
-38,43946759	-12,10525398	VS-70	1	-38,41108802	-12,13847855	MV-250	2
-38,41813857	-12,14782941	VS-250	1	-38,48738297	-12,23541162	VS-70	1
-38,40582971	-12,12309357	VS-70	1	-38,44494151	-12,13227212	VS-250	1
-38,44467482	-12,16003125	VS-70	1	-38,42717917	-12,15355151	VS-70	1
-38,44122643	-12,13217876	VS-250	1	-38,40415468	-12,12177861	VS-70	1
-38,4189566	-12,12302946	MV-250	1	-38,42060803	-12,1295803	MV-250	1
-38,4189566	-12,12302946	VS-150	1	-38,39917299	-12,13358685	MV-250	1
-38,4189566	-12,12302946	VS-150	1	-38,41853257	-12,13553432	MV-250	1
-38,47205064	-12,13914045	MV-250	1	-38,4330687	-12,14004307	MV-250	1
-38,47205064	-12,13914045	VS-70	1	-38,41451345	-12,10096799	VS-70	1
-38,42286137	-12,12794033	VS-250	1	-38,40526965	-12,13598184	MV-250	1
-38,43339634	-12,14776529	VS-250	1	-38,30129415	-12,05177611	VS-70	1
-38,42397374	-12,08553759	VS-70	1	-38,41778979	-12,13638624	MV-250	1
-38,42168634	-12,15165186	MV-250	1	-38,42407807	-12,13714025	VS-400	1
-38,44001312	-12,12847046	VS-70	1	-38,4035513	-12,12124694	VS-70	1
-38,40382299	-12,13324691	MV-250	1	-38,40291949	-12,19834484	VS-70	1
-38,42940828	-12,2106271	VS-70	1	-38,41373456	-12,20581483	VS-70	1
-38,43982223	-12,14000673	VS-70	1	-38,41995664	-12,14934487	MV-250	1
-38,43123229	-12,13211364	VS-250	1	-38,44037177	-12,15454291	VS-70	1
-38,41162803	-12,13327526	MV-250	1	-38,46061986	-12,13885378	VS-70	1
-38,49326086	-12,17100327	VS-70	1	-38,41582313	-12,15617258	MV-250	1
-38,37652277	-12,10679044	VS-70	2	-38,40469629	-12,14535681	MV-250	1
-38,41499955	-12,17698163	MV-400	1	-38,38106135	-12,03499894	VS-70	1
-38,41499955	-12,17698163	VS-400	2	-38,46775452	-12,25026641	VS-70	1
-38,40609639	-12,12183524	VS-70	1	-38,44034447	-12,13828095	VS-250	1
-38,4253964	-12,14544194	MV-250	1	-38,43039307	-12,13308704	MV-250	1
-38,4253964	-12,14544194	MV-400	1	-38,41698137	-12,12246535	MV-250	1
-38,51181817	-12,1775521	VS-70	1	-38,46750661	-12,14427874	VS-250	1
-38,40678468	-12,1295069	MV-250	1	-38,42170141	-12,13545863	MV-400	2
-38,42809643	-12,12775538	VS-150	1	-38,43585475	-12,13488366	VS-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,41745755	-12,1127035	VS-70	1	-38,43585475	-12,13488366	MV-250	1
-38,44574813	-12,14306706	MV-400	1	-38,44619615	-12,11326127	VS-250	1
-38,41368133	-12,1236103	VS-70	1	-38,42176497	-12,11633156	VS-70	1
-38,408178	-12,14593513	MV-250	1	-38,42112181	-12,12187763	VS-70	1
-38,44995342	-12,15293392	VS-70	1	-38,42489473	-12,13864859	VS-250	1
-38,41947634	-12,1358569	VS-250	1	-38,42078473	-12,14244194	MV-250	1
-38,34528436	-12,16487144	VS-70	1	-38,39234959	-12,12101191	MV-250	1
-38,41359208	-12,15127191	VS-70	1	-38,44034871	-12,14116295	MV-250	1
-38,41979109	-12,14444599	VS-250	1	-38,35627777	-12,17062645	VS-150	1
-38,42856642	-12,11777208	MV-250	1	-38,35088101	-12,19758464	VS-70	1
-38,41121129	-12,13878192	MV-250	2	-38,43072465	-12,15291021	VS-250	1
-38,39237964	-12,11869692	VS-70	1	-38,41989303	-12,12766868	VS-400	1
-38,44457614	-12,15421306	VS-70	1	-38,41227282	-12,13439639	VS-250	1
-38,44476776	-12,1528228	VS-70	1	-38,41561462	-12,15463682	VS-150	1
-38,3988259	-12,12477082	MV-250	1	-38,41681295	-12,15214682	VS-70	1
-38,39887315	-12,12451795	MV-250	1	-38,40914137	-12,12919529	VS-70	1
-38,425823	-12,14532695	VS-250	1	-38,4448331	-12,15213865	MV-250	1
-38,40500445	-12,14102148	VS-70	1	-38,44192144	-12,14124035	VS-70	1
-38,41704473	-12,12894534	VS-70	1	-38,42474971	-12,14109189	VS-250	1
-38,41332636	-12,12414028	VS-70	1	-38,41557462	-12,15604677	MV-250	1
-38,4160797	-12,1225453	MV-250	1	-38,40122941	-12,20110682	VS-70	1
-38,42304641	-12,12816037	MV-250	1	-38,43876977	-12,13685702	VS-250	1
-38,40361627	-12,14248853	VS-70	1	-38,37660984	-11,98217442	VS-70	1
-38,41371614	-12,12060375	VS-70	1	-38,4328064	-12,14608529	VS-250	1
-38,42267812	-12,13528007	MV-400	1	-38,46429978	-12,15938032	MV-250	1
-38,42267812	-12,13528007	MV-250	1	-38,4285064	-12,12725533	VS-150	1
-38,43857643	-12,13979037	VS-250	1	-38,44030806	-12,13839702	VS-70	1
-38,43023308	-12,11507377	MV-250	1	-38,43599347	-12,23597413	VS-70	1
-38,41874799	-12,14959524	VS-250	1	-38,39846233	-12,12870975	MV-250	1
-38,41659466	-12,15108015	VS-70	1	-38,43110975	-12,13229034	VS-250	1
-38,41207141	-12,12187529	VS-70	2	-38,43187635	-12,14410364	VS-250	1
-38,45401532	-12,15164048	VS-70	1	-38,44146986	-12,11391881	VS-70	1
-38,39892104	-12,12634752	MV-150	1	-38,28219817	-12,09805346	VS-70	1
-38,42880141	-12,13427704	VS-250	1	-38,44903814	-12,14340707	VS-70	1
-38,34935782	-12,08157687	VS-70	1	-38,44225984	-12,11235387	VS-70	1
-38,4119169	-12,12008143	VS-70	2	-38,43970458	-12,14047807	VS-250	1
-38,44604113	-12,13141087	VS-70	1	-38,39144631	-12,12194191	VS-70	1
-38,44411449	-12,15967801	VS-70	1	-38,39144631	-12,12194191	MV-250	2
-38,44653407	-12,15715183	VS-70	1	-38,41414426	-12,11664038	VS-70	1
-38,44315312	-12,12429708	VS-250	1	-38,41044376	-12,12749417	VS-250	1
-38,47442117	-12,27072968	FL-85	1	-38,42739719	-12,14721105	MV-250	1
-38,48072953	-12,26847472	MV-250	1	-38,39630621	-12,1507251	VS-70	1
-38,43343006	-12,13429488	VS-250	1	-38,37411467	-12,13556496	VS-70	1
-38,40813234	-12,12271075	VS-70	1	-38,37277632	-12,02719561	VS-70	1
-38,41593471	-12,1404919	VS-250	1	-38,44363228	-12,15606775	VS-70	1
-38,43409812	-12,13032042	VS-250	1	-38,39869742	-12,05461346	VS-70	2
-38,42841138	-12,13910695	MV-250	1	-38,43572675	-12,00679945	VS-70	1
-38,39129321	-11,94030638	VS-70	1	-38,43496972	-12,13353704	VS-250	1
-38,4191547	-12,13526525	VS-250	1	-38,4000669	-12,12806517	VS-70	1
-38,43204787	-12,22598315	VS-70	1	-38,42366972	-12,14126695	MV-250	1
-38,40424845	-12,12309082	VS-70	1	-38,42414471	-12,12123207	VS-70	1
-38,41680469	-12,15068181	VS-70	1	-38,42621308	-12,13478198	VS-250	1
-38,40653131	-12,12331364	VS-70	1	-38,43058895	-12,12843254	VS-70	1
-38,41824166	-12,12298221	VS-250	1	-38,40995131	-12,15492008	MV-250	1
-38,43358468	-12,1463286	VS-250	1	-38,41988779	-12,13782101	MV-400	1
-38,44428697	-12,1331863	MV-250	1	-38,44809278	-12,26125466	VS-70	1
-38,52591987	-12,18621888	VS-70	1	-38,43262804	-12,14357361	VS-250	1
-38,42110971	-12,13148699	VS-250	1	-38,43598313	-12,13556371	VS-250	1
-38,42110971	-12,13148699	VS-70	1	-38,42012973	-12,12528534	VS-70	1
-38,43036471	-12,13767194	MV-250	1	-38,43297639	-12,13474202	VS-250	1
-38,42718771	-12,13608564	VS-250	1	-38,46148784	-12,27402126	VS-250	1
-38,43614147	-12,13044208	VS-150	1	-38,46148784	-12,27402126	FL-30	1
-38,41985972	-12,13039533	VS-250	1	-38,51524626	-12,25165166	VS-70	1
-38,42017972	-12,13703862	MV-250	1	-38,41686808	-12,11199375	MV-250	1
-38,42017972	-12,13703862	MV-400	1	-38,41686808	-12,11199375	VS-70	1
-38,39563209	-12,15350615	VS-70	1	-38,40818965	-12,12535531	MV-250	1
-38,40486967	-12,13121691	VS-70	1	-38,39094298	-12,12270353	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,40486967	-12,13121691	VS-70	1	-38,42929974	-12,12384373	VS-70	1
-38,40709953	-12,19939313	VS-70	1	-38,42929974	-12,12384373	VS-400	1
-38,44524738	-12,13189916	MV-250	1	-38,41742142	-12,12397035	MV-250	1
-38,39954118	-12,12523589	MV-250	2	-38,42234657	-12,15490223	VS-70	1
-38,40248584	-12,14421854	MV-400	1	-38,46065979	-12,14033714	MV-250	1
-38,40180965	-12,13474023	VS-70	1	-38,43965144	-12,13021872	VS-70	1
-38,43657315	-12,12415539	VS-250	1	-38,43965144	-12,13021872	MV-250	1
-38,4040113	-12,13749852	MV-250	1	-38,41763308	-12,12158037	VS-150	1
-38,4359947	-12,14596033	VS-70	1	-38,43043808	-12,14594196	MV-250	1
-38,44535976	-12,13473374	MV-250	1	-38,40503462	-12,13969021	MV-250	1
-38,42394742	-12,14344409	VS-250	1	-38,44145622	-12,13747648	VS-70	1
-38,42021967	-12,14677521	MV-250	1	-38,44694179	-12,1129992	MV-250	1
-38,44999301	-12,15357329	VS-70	1	-38,51166012	-12,19641419	VS-70	1
-38,28608812	-12,10404676	VS-70	1	-38,46160648	-12,13826049	VS-70	1
-38,39073116	-12,13123039	VS-70	1	-38,43369307	-12,1501653	VS-70	2
-38,42470474	-12,1426103	VS-250	1	-38,40684465	-12,12853024	VS-70	1
-38,41876736	-12,1267218	VS-70	1	-38,3821475	-12,10781138	VS-250	1
-38,41049302	-12,11250809	VS-70	1	-38,41136962	-12,14247187	MV-250	1
-38,42205297	-12,14734518	MV-250	1	-38,42298632	-12,14452528	VS-250	1
-38,43988542	-12,10672276	VS-70	1	-38,39946294	-12,15350675	VS-70	1
-38,40859134	-12,12717197	MV-250	1	-38,42809134	-12,14124026	MV-250	1
-38,42092305	-12,13999523	MV-400	2	-38,42763802	-12,13427528	VS-250	1
-38,41141512	-12,13436197	VS-70	1	-38,42763802	-12,13427528	VS-250	1
-38,41141512	-12,13436197	VS-70	2	-38,43859814	-12,11856379	VS-70	1
-38,43814815	-12,13367368	MV-250	1	-38,4153156	-12,11560796	VS-70	1
-38,41962302	-12,13899363	VS-250	1	-38,43985141	-12,14522035	VS-250	1
-38,41962302	-12,13899363	VS-250	1	-38,43985141	-12,14522035	VS-400	1
-38,41239637	-12,12484867	VS-70	1	-38,32349773	-12,18006295	VS-70	1
-38,41658126	-12,15548852	MV-250	1	-38,44125146	-12,11536885	VS-70	1
-38,48596837	-12,22892675	VS-70	2	-38,44600903	-12,12357999	VS-70	1
-38,40506462	-12,15010345	MV-250	1	-38,42477376	-12,12708553	VS-150	1
-38,42898437	-12,1291211	VS-70	1	-38,45015025	-12,00630952	VS-70	1
-38,358536	-12,21108451	VS-70	1	-38,42177475	-12,14448739	MV-400	1
-38,43106644	-12,11610043	MV-250	1	-38,39806612	-12,1442581	VS-70	1
-38,40738154	-12,13383704	VS-70	1	-38,41226965	-12,14800682	MV-250	1
-38,51251814	-12,19979029	VS-250	1	-38,4151446	-12,12079575	VS-70	1
-38,41114805	-12,15307129	VS-250	1	-38,35947944	-12,18563306	VS-250	1
-38,41756132	-12,14190694	MV-250	1	-38,39598699	-12,11847743	VS-250	1
-38,43744326	-12,1446902	VS-250	1	-38,38846988	-12,1547646	VS-150	1
-38,44433202	-12,12587251	VS-150	1	-38,42373969	-12,13794524	MV-400	1
-38,42678787	-12,12823345	VS-150	1	-38,40418445	-12,23376289	VS-70	1
-38,41477302	-12,12196536	MV-250	1	-38,40022699	-12,13395677	VS-70	1
-38,40911252	-12,13233982	VS-70	1	-38,40022699	-12,13395677	VS-70	1
-38,42156003	-12,12989042	VS-250	1	-38,41492632	-12,15291184	VS-70	1
-38,41897332	-12,00419602	VS-70	1	-38,4274577	-12,14296158	VS-250	1
-38,4331364	-12,14496531	VS-250	1	-38,42036172	-12,14528532	VS-250	1
-38,42911804	-12,13627035	VS-250	1	-38,42197641	-12,12609368	VS-70	1
-38,44554313	-12,13588374	MV-250	1	-38,39712994	-12,14016376	MV-400	1
-38,44554313	-12,13588374	VS-250	1	-38,39712994	-12,14016376	MV-250	1
-38,43234315	-12,10492387	VS-70	1	-38,4000589	-12,14372755	MV-250	1
-38,41528452	-12,20208648	VS-70	1	-38,4000589	-12,14372755	MV-250	1
-38,42303759	-12,12860114	VS-250	1	-38,4000589	-12,14372755	VS-70	1
-38,3986285	-12,14616071	VS-400	1	-38,40755796	-12,14491181	MV-250	1
-38,3986285	-12,14616071	VS-150	6	-38,35496283	-12,12893496	VS-70	1
-38,43899142	-12,13953366	VS-250	1	-38,41213457	-12,20010318	VS-70	1
-38,43796735	-12,12941473	VS-70	2	-38,41419117	-12,19947318	VS-150	1
-38,41624467	-12,15520512	VS-70	2	-38,40192584	-12,13381459	MV-250	1
-38,40020798	-12,1425272	VS-70	1	-38,40192584	-12,13381459	VS-150	1
-38,48116118	-12,26722968	VS-70	1	-38,43798185	-12,14250379	VS-250	1
-38,47797121	-12,27185969	VS-70	1	-38,43007133	-12,1527419	VS-250	1
-38,39734877	-12,14076825	MV-250	1	-38,43007133	-12,1527419	MV-400	2
-38,42337967	-12,13647693	MV-400	1	-38,43007133	-12,1527419	MV-400	1
-38,39745139	-12,22843759	VS-70	1	-38,42915841	-12,12313797	VS-70	1
-38,4301798	-12,12898866	MV-250	1	-38,37761455	-12,13359102	VS-70	1
-38,43742475	-12,13445867	VS-250	1	-38,42038129	-12,15580519	VS-70	1
-38,4303631	-12,11710548	MV-250	1	-38,43981311	-12,12252541	VS-70	1
-38,48445392	-12,13836038	VS-70	1	-38,37085787	-12,13803832	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,44396883	-12,15549605	VS-70	1	-38,40911151	-11,96850591	VS-70	1
-38,44376669	-12,15310266	VS-70	1	-38,41702808	-12,12517533	VS-250	1
-38,4433775	-12,15334265	VS-70	1	-38,42447671	-12,1352776	VS-150	1
-38,4430297	-12,15376056	VS-70	1	-38,41938472	-12,11294543	MV-250	1
-38,41494302	-12,13839027	MV-400	1	-38,41938472	-12,11294543	VS-70	1
-38,42334516	-12,14040526	MV-400	1	-38,41938472	-12,11294543	MV-250	1
-38,4297547	-12,15033694	VS-150	1	-38,44760004	-12,15838252	VS-70	1
-38,4239131	-12,11913208	VS-70	1	-38,43485311	-12,11949045	VS-150	1
-38,42376131	-12,15305519	VS-70	1	-38,40978825	-12,13246613	VS-70	1
-38,43070472	-12,12996206	MV-250	1	-38,4474734	-12,1592949	VS-70	1
-38,43138491	-12,20615977	VS-70	1	-38,44658765	-12,15946387	VS-70	1
-38,40837963	-12,15614347	VS-70	1	-38,3989724	-12,13236127	VS-70	1
-38,40866471	-12,12691358	MV-250	1	-38,41588634	-12,14957473	MV-400	1
-38,49432652	-12,17547371	VS-70	1	-38,41588634	-12,14957473	VS-250	1
-38,45602381	-12,15365355	VS-70	1	-38,48557033	-12,1364878	VS-70	1
-38,40435958	-12,21998085	VS-70	1	-38,48557033	-12,1364878	MV-250	1
-38,40296467	-12,13276689	LD-100	1	-38,42224473	-12,13019699	VS-250	2
-38,40296467	-12,13276689	MV-250	1	-38,43523804	-12,23562489	VS-70	1
-38,42152359	-12,1294858	VS-250	1	-38,40106946	-12,20591307	VS-70	1
-38,39911579	-12,12592498	MV-150	1	-38,4274996	-12,1368456	MV-250	1
-38,41548108	-12,14357046	MV-250	1	-38,4274996	-12,1368456	VS-70	1
-38,33389933	-12,16680303	VS-70	1	-38,4274996	-12,1368456	VS-250	1
-38,41584812	-12,21939977	VS-70	1	-38,42168302	-12,15552688	VS-70	1
-38,40847111	-12,21793135	VS-70	1	-38,41799138	-12,13310526	MV-250	1
-38,33300604	-12,17332636	VS-70	1	-38,46142645	-12,14203708	VS-70	1
-38,38827295	-12,11640519	VS-70	1	-38,4081913	-12,13527021	VS-250	1
-38,41790968	-12,12580203	MV-250	1	-38,4012213	-12,15276346	MV-400	1
-38,43733811	-12,12350544	VS-70	1	-38,4012213	-12,15276346	VS-70	1
-38,42145141	-12,13408526	VS-250	1	-38,44381203	-12,14524932	VS-70	1
-38,4347862	-11,9341032	VS-70	1	-38,42843642	-12,13556528	VS-250	1
-38,4168513	-12,1392269	VS-150	1	-38,40025284	-12,19976312	VS-250	1
-38,43364329	-12,138213	VS-250	1	-38,32798269	-12,17290472	VS-70	1
-38,42154509	-12,13672753	VS-400	1	-38,40678489	-12,13917307	VS-250	1
-38,42152628	-12,15497347	VS-70	1	-38,40307461	-12,13238856	VS-70	1
-38,43271974	-12,14869691	VS-70	1	-38,42863975	-12,13566035	VS-250	1
-38,44459152	-12,13089538	MV-250	1	-38,44145622	-12,13747648	MV-250	1
-38,39817055	-12,14489685	VS-70	1	-38,41544475	-12,10124714	VS-70	1
-38,39817055	-12,14489685	VS-70	1	-38,41492027	-12,14836033	VS-250	2
-38,41239801	-12,14678849	VS-70	2	-38,4070061	-12,24764949	VS-70	1
-38,45738229	-12,13989588	MV-250	1	-38,39953793	-12,1539402	VS-70	1
-38,45738229	-12,13989588	VS-250	1	-38,40272872	-12,15449641	VS-70	1
-38,40092546	-12,13284742	VS-70	1	-38,41219168	-12,12451418	VS-70	1
-38,41100297	-12,13615859	VS-250	1	-38,39655292	-12,14162509	VS-70	1
-38,44322643	-12,14376203	VS-70	1	-38,4212932	-12,12543562	VS-70	1
-38,42805814	-12,13355131	VS-250	1	-38,4212932	-12,12543562	VS-70	1
-38,42240536	-12,12545722	MV-250	1	-38,42746389	-12,13847661	MV-250	1
-38,44367291	-12,1571937	VS-70	1	-38,44534155	-12,13226255	VS-250	1
-38,3985979	-12,15165678	VS-70	1	-38,37969545	-11,98119669	VS-70	1
-38,4143736	-12,11593401	VS-70	1	-38,41610124	-12,11633505	MV-250	1
-38,40048281	-12,20938643	VS-70	1	-38,39128125	-12,15779339	MV-250	1
-38,39976636	-12,12538153	MV-250	3	-38,44309447	-12,11094306	VM-250	1
-38,41948145	-12,12006201	VS-70	1	-38,40985846	-12,2116938	VS-70	1
-38,39767972	-12,1453528	VS-70	1	-38,44380476	-12,1505236	MV-250	1
-38,40298609	-12,2061788	VS-70	1	-38,4136946	-12,14852515	VS-70	1
-38,51008645	-12,19545038	MV-250	1	-38,44587167	-12,12365775	VS-70	1
-38,40960331	-12,00894926	VS-70	1	-38,41189804	-12,1332469	VS-250	2
-38,43088972	-12,14207197	VS-150	1	-38,40907633	-12,13813026	MV-250	1
-38,41446469	-12,12932192	VS-250	1	-38,43215841	-12,00635777	VS-70	1
-38,42544636	-12,14722355	MV-400	2	-38,48941147	-12,17805204	MV-250	1
-38,42108133	-12,14258029	MV-250	1	-38,4653618	-12,25288937	VS-70	1
-38,41718843	-12,14014797	MV-250	1	-38,4556764	-12,22686643	VS-70	1
-38,41321248	-12,15502222	VS-70	1	-38,39967348	-12,14415682	VS-70	1
-38,41321248	-12,15502222	MV-250	1	-38,43031148	-12,1188671	MV-250	1
-38,41756965	-12,15069182	MV-250	1	-38,44718706	-12,14099844	VS-70	1
-38,37734807	-11,98286424	VS-70	1	-38,43965476	-12,12733211	VS-70	1
-38,43103802	-12,14215197	VS-400	1	-38,41154971	-12,12695859	VS-70	1
-38,43103802	-12,14215197	VS-70	2	-38,43888812	-12,13068869	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,43103802	-12,14215197	MV-400	12	-38,46475151	-12,14129216	MV-250	1
-38,40415631	-12,14011019	MV-250	1	-38,4152514	-12,1187637	MV-250	1
-38,39899756	-12,1288041	MV-250	1	-38,41961142	-12,12850365	MV-250	1
-38,44311647	-12,13625371	VS-150	1	-38,41738136	-12,13473902	MV-400	1
-38,40913504	-11,96821125	VS-70	1	-38,41316424	-12,13036475	MV-250	1
-38,42033514	-12,13418347	VS-70	1	-38,45057983	-12,14389702	VS-70	1
-38,43888644	-12,12260043	VS-70	1	-38,41272635	-12,13546195	VS-70	1
-38,42328303	-12,13380032	VS-70	1	-38,41272635	-12,13546195	VS-250	1
-38,4235943	-12,13129363	VS-250	1	-38,41844301	-12,15439016	VS-250	1
-38,42087465	-12,15352855	VS-250	1	-38,41844301	-12,15439016	VS-70	1
-38,42496544	-12,13612227	VS-150	1	-38,51421316	-12,20065696	MV-250	1
-38,44037479	-12,13672504	MV-250	1	-38,51421316	-12,20065696	VS-70	1
-38,4208047	-12,13505362	VS-250	1	-38,48971646	-12,17818033	MV-250	1
-38,49478629	-12,23155666	VS-70	1	-38,52331789	-12,19210857	VS-70	1
-38,43511478	-12,12816537	MV-250	1	-38,43074856	-12,14800471	VS-70	2
-38,44051013	-12,11349438	VS-150	1	-38,43623142	-12,12432043	MV-250	1
-38,44051013	-12,11349438	MV-250	1	-38,44234649	-12,11539384	VS-70	1
-38,44029994	-12,11464302	VS-150	1	-38,33754247	-12,21533629	VS-70	1
-38,44299715	-12,11077571	VS-150	1	-38,35579775	-12,2099062	VS-70	1
-38,3992968	-12,05576529	VS-70	1	-38,43714808	-12,14452697	VS-250	1
-38,46266616	-12,27290626	VS-70	1	-38,38686205	-12,11718348	VS-70	1
-38,4147504	-12,12287463	VS-70	1	-38,40317625	-12,14308345	VS-250	1
-38,44745314	-12,14555867	VS-70	1	-38,43275137	-12,14724692	VS-250	1
-38,42314466	-12,13876028	MV-400	1	-38,43973078	-12,13656247	VS-70	1
-38,4335598	-12,11913545	VS-250	1	-38,43441979	-12,13586701	VS-250	1
-38,48496256	-12,13735575	VS-70	1	-38,44090312	-12,14073038	VS-150	1
-38,45935652	-12,13760879	VS-70	1	-38,44090312	-12,14073038	VS-250	1
-38,42676973	-12,14534858	VS-250	1	-38,44546331	-12,13258684	VS-250	1
-38,39877248	-12,14122335	VS-70	1	-38,42936756	-12,13196482	VS-150	1
-38,39877248	-12,14122335	MV-400	1	-38,41368808	-12,12283866	VS-70	2
-38,42925801	-12,14967361	MV-250	1	-38,46375149	-12,1588637	VS-70	1
-38,42669141	-12,14507188	MV-250	1	-38,41952964	-12,15371684	MV-250	1
-38,44659542	-12,13377124	VS-70	1	-38,41952964	-12,15371684	MV-250	1
-38,39513798	-12,11504357	VS-70	1	-38,41881408	-12,15453904	MV-250	1
-38,42383585	-12,12928804	VS-250	1	-38,41713971	-12,12267863	MV-250	1
-38,44751715	-12,15908233	VS-70	1	-38,42407626	-12,1446711	VS-70	1
-38,44745461	-12,16025273	VS-70	1	-38,43457978	-12,13480702	VS-250	1
-38,47995733	-12,23226236	VS-70	1	-38,43036967	-12,20644007	VS-70	1
-38,43577813	-12,13186542	VS-250	1	-38,43036967	-12,20644007	MV-250	1
-38,3914979	-12,14551171	VS-70	1	-38,415	-12,13277015	VS-250	1
-38,42767944	-12,25319788	VS-70	1	-38,35774442	-12,19910797	VS-70	1
-38,44738383	-12,15991799	VS-70	1	-38,37396466	-12,02959727	VS-70	1
-38,44618897	-12,15831227	VS-70	1	-38,41752302	-12,12816699	MV-250	1
-38,4462368	-12,13585808	VS-70	1	-38,43049649	-12,11778713	MV-250	1
-38,42120233	-12,12414727	VS-70	1	-38,42659069	-12,12961106	VS-70	1
-38,41714935	-12,1613567	VS-70	1	-38,33238599	-12,18766292	VS-70	1
-38,43134641	-12,1500319	VS-250	1	-38,39632403	-12,1187092	MV-250	1
-38,41303303	-12,13883192	VS-250	1	-38,42744337	-12,15215428	VS-70	1
-38,41215117	-12,22961636	VS-70	2	-38,42676441	-12,12584474	VS-70	1
-38,42456136	-12,14223861	VS-400	1	-38,43122975	-12,13744696	VS-250	1
-38,39509554	-12,15330254	VS-70	1	-38,41909983	-12,12694807	MV-250	1
-38,40083788	-12,15291346	VS-70	1	-38,40549164	-12,1492139	MV-250	1
-38,41259297	-12,14664514	VS-70	1	-38,41633306	-12,12319203	VS-250	1
-38,41820805	-12,12448866	MV-250	1	-38,43778815	-12,13067209	MV-250	1
-38,41820805	-12,12448866	MV-400	2	-38,38834743	-12,1133875	VS-70	1
-38,41439308	-12,12458198	MV-250	1	-38,39987545	-12,13196916	MV-250	1
-38,40563366	-12,14644935	VS-70	1	-38,48205462	-12,20586484	VS-70	1
-38,39705327	-12,14098619	MV-250	1	-38,40172473	-12,12840656	VS-70	1
-38,41529714	-12,11700926	VS-70	1	-38,40172473	-12,12840656	VS-150	1
-38,40623408	-12,13760587	MV-250	1	-38,42167636	-12,14816024	MV-400	1
-38,44107654	-12,1147588	VS-70	1	-38,46971432	-12,13423468	VS-70	1
-38,40043782	-12,20864139	VS-70	1	-38,38899091	-12,11178813	VS-70	1
-38,40577302	-12,13437689	MV-250	1	-38,40755799	-12,14604352	MV-250	1
-38,44582528	-12,12215366	VS-150	1	-38,42890972	-12,12529876	VS-70	1
-38,40325599	-12,15080685	MV-250	1	-38,40363299	-12,13140854	MV-250	1
-38,43009314	-12,11897045	MV-250	1	-38,41892476	-12,09365881	VS-70	1
-38,45897814	-12,13900374	VS-70	1	-38,44219312	-12,1272688	VS-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,50772147	-12,17844715	VS-70	1	-38,43434469	-12,14048535	VS-250	1
-38,40684782	-12,12113638	VS-70	1	-38,34318937	-12,21300615	MV-250	1
-38,42073974	-12,13008364	MV-250	1	-38,42859242	-12,14437825	MV-400	1
-38,38970322	-12,15507898	VS-150	1	-38,39950793	-12,14568012	MV-250	1
-38,32174275	-12,17980297	VS-70	1	-38,44715682	-12,00917954	VS-70	1
-38,33241606	-12,176868	VS-70	1	-38,52854987	-12,18226888	VS-250	1
-38,3988749	-12,14150668	VS-70	1	-38,45785486	-12,15576491	MV-250	1
-38,41059925	-12,1437223	MV-250	1	-38,40523465	-12,14371179	MV-250	1
-38,44936643	-12,15538361	VS-70	1	-38,42576801	-12,14769189	VS-400	1
-38,41509968	-12,13711191	VS-250	1	-38,39853706	-12,14279872	VS-150	1
-38,4345064	-12,14698197	VS-70	1	-38,39853706	-12,14279872	VS-70	1
-38,4161764	-12,12711361	VS-70	1	-38,41377996	-12,10998482	VS-70	1
-38,42119631	-12,14281188	MV-250	1	-38,42982477	-12,12951036	MV-250	1
-38,38797206	-12,15402394	VS-150	1	-38,42130388	-12,12695745	VS-70	2
-38,38866449	-12,15347966	VS-150	1	-38,41253611	-12,22902967	VS-70	1
-38,41826302	-12,13077366	VS-70	1	-38,40241128	-12,13547851	VS-250	1
-38,42051208	-12,12204451	VS-70	1	-38,43258981	-12,1198204	MV-250	1
-38,40285397	-12,20532783	VS-70	1	-38,40622969	-12,11891865	MV-400	1
-38,39565715	-12,15316508	VS-70	1	-38,40622969	-12,11891865	VS-70	1
-38,42382795	-12,1632835	MT-500	1	-38,414038	-12,14617184	VS-400	1
-38,43223806	-12,14595861	VS-250	1	-38,40370446	-12,15125004	MV-250	1
-38,41940892	-12,11470639	VS-70	2	-38,39657662	-12,14291037	MV-400	1
-38,45530814	-12,15186037	VS-70	1	-38,40099157	-12,12943629	MV-250	1
-38,42168888	-12,14509778	VS-400	1	-38,41702642	-12,11562035	VS-150	1
-38,41758108	-12,15546755	FL-30	1	-38,42219796	-12,15520181	VS-70	1
-38,41758108	-12,15546755	VS-70	1	-38,32720108	-12,18383625	VS-70	1
-38,40418285	-12,20137977	VS-70	1	-38,35001601	-12,21001283	VS-70	1
-38,41202307	-12,11039537	VS-70	1	-38,32892771	-12,18093295	VS-70	1
-38,39631627	-12,14088568	MV-400	1	-38,4210181	-12,13529371	VS-250	2
-38,39631627	-12,14088568	MV-400	1	-38,42014906	-12,19670831	VS-70	1
-38,42421158	-12,14680695	VS-250	1	-38,4201565	-12,1970898	VS-70	1
-38,41242468	-12,12193864	VS-70	1	-38,40419475	-12,13504829	VS-70	1
-38,41680138	-12,12223869	MV-250	1	-38,42068134	-12,13050697	VS-70	1
-38,42439802	-12,13842858	MV-400	1	-38,42068134	-12,13050697	MV-250	1
-38,47473774	-12,2463814	VS-70	1	-38,42148876	-12,11791875	VS-70	1
-38,41674473	-12,12721701	VS-70	1	-38,42206474	-12,13856025	MV-250	1
-38,43228007	-12,00443941	VS-250	1	-38,42206474	-12,13856025	VS-250	4
-38,41498641	-12,12645032	VS-70	1	-38,49932809	-12,21364353	VS-70	1
-38,40953892	-12,12684377	VS-70	1	-38,43840977	-12,12926038	VS-70	1
-38,45268917	-12,1527581	VS-70	1	-38,39867767	-12,12692649	MV-150	1
-38,4482132	-12,15565115	VS-70	1	-38,4380245	-12,24737802	VS-70	1
-38,44300174	-12,13468293	VS-70	1	-38,41696854	-12,14100305	VS-250	1
-38,41897591	-12,13574417	VS-250	1	-38,43985638	-12,11453314	MV-250	1
-38,4215222	-12,1201496	VS-70	1	-38,42152468	-12,14207022	VS-250	1
-38,40583061	-12,13858916	MV-250	1	-38,40090783	-12,2105431	VS-70	1
-38,43834976	-12,13636703	MV-250	1	-38,44408464	-12,12536461	VS-150	1
-38,44265643	-12,14353867	VS-70	1	-38,44326648	-12,11397384	VS-70	1
-38,50807594	-12,18038387	FL-30	1	-38,41412306	-12,12524197	VS-250	1
-38,40504634	-12,12973527	VS-70	1	-38,41373122	-12,19964484	VS-70	1
-38,40155473	-12,20109835	VS-70	1	-38,41212608	-12,23670464	VS-70	1
-38,41388183	-12,11558163	VS-70	1	-38,49240315	-12,16851705	VS-70	1
-38,3992615	-12,13606507	MV-250	1	-38,49280981	-12,1691204	VS-70	1
-38,43338585	-12,13029138	VS-70	1	-38,49065816	-12,16958206	VS-70	1
-38,41996637	-12,12712367	MV-250	1	-38,43132808	-12,12372374	VS-70	1
-38,41559134	-12,13079863	MV-250	1	-38,43697477	-12,12590372	MV-400	1
-38,36005784	-12,09136024	VS-70	2	-38,43697477	-12,12590372	MV-250	1
-38,36681127	-12,09169356	VS-70	1	-38,41640304	-12,12401033	VS-70	1
-38,4119663	-12,15452516	MV-250	1	-38,37039781	-12,13834839	VS-70	1
-38,44297799	-12,15530942	VS-70	1	-38,41251523	-12,12513899	VS-70	1
-38,42189636	-12,14883353	MV-250	1	-38,38152619	-12,13589006	VS-70	1
-38,42189636	-12,14883353	VS-400	1	-38,4165514	-12,11704201	VS-70	1
-38,43651473	-12,13139041	MV-250	1	-38,43811309	-12,14540196	VS-150	1
-38,43702089	-12,23674494	VS-70	1	-38,43811309	-12,14540196	VS-250	1
-38,4232299	-12,19767139	VS-70	1	-38,42559805	-12,14770855	MV-400	1
-38,48042522	-12,23227738	VS-70	1	-38,44499332	-12,16020163	VS-70	1
-38,40047502	-12,14333444	VS-70	1	-38,38708819	-12,1542663	VS-150	1
-38,40047502	-12,14333444	MV-250	1	-38,4146233	-12,00508265	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,41002615	-12,24449126	VS-70	1	-38,40516454	-12,19891318	VS-70	1
-38,42690802	-12,14200744	VS-250	1	-38,4260947	-12,14381363	VS-150	1
-38,4281581	-12,12671535	VS-70	1	-38,41649656	-12,16207228	MV-250	1
-38,40717266	-12,13425245	VS-70	1	-38,4356364	-12,14635363	VS-70	1
-38,49434631	-12,23329998	FL-30	1	-38,41353119	-12,12344984	VS-70	1
-38,43776145	-12,13935532	VS-250	1	-38,43072639	-12,13080034	VS-250	1
-38,43133704	-12,2180276	VS-70	1	-38,42191966	-12,15116517	VS-250	1
-38,41973471	-12,14719897	VS-250	1	-38,40965009	-12,13401932	VS-70	1
-38,41973471	-12,14719897	VS-250	1	-38,43360641	-12,13476865	VS-250	1
-38,43215848	-12,04260112	VS-70	1	-38,42984421	-12,14533524	VS-250	1
-38,40339135	-12,12950189	MV-250	1	-38,44144314	-12,13013371	VS-250	1
-38,39000825	-11,95790957	VS-70	1	-38,41487725	-12,11516393	VS-70	1
-38,49291808	-12,17817161	MV-250	1	-38,43510311	-12,13059372	VS-70	1
-38,49291808	-12,17817161	VS-70	1	-38,35537774	-12,20792952	VS-70	1
-38,41889927	-12,14706718	MV-250	1	-38,33039103	-12,18544127	VS-70	1
-38,41326466	-12,14662353	MV-250	1	-38,40026125	-12,13632849	MV-250	1
-38,4411438	-12,12607084	MV-150	1	-38,43173391	-12,04286695	VS-70	1
-38,41448468	-12,11776035	MV-250	1	-38,41825144	-12,12086368	VS-150	1
-38,44021757	-12,14682777	MV-250	1	-38,3777429	-12,13412627	VS-70	1
-38,43551677	-12,00576775	VS-70	1	-38,37614282	-12,13535712	VS-70	1
-38,42016721	-12,13951116	MV-400	1	-38,37615302	-12,02848059	VS-70	1
-38,42016721	-12,13951116	VS-250	1	-38,41774141	-12,12390868	MV-250	1
-38,41957651	-12,14120141	MV-250	1	-38,4135296	-12,14784354	VS-250	1
-38,40632297	-12,13644516	MV-250	1	-38,51259823	-12,1765588	VS-70	1
-38,40632297	-12,13644516	VS-250	1	-38,50752966	-12,23133342	VS-70	1
-38,43732812	-12,13230867	VS-250	1	-38,41228635	-12,13948689	MV-250	1
-38,42610644	-12,12297536	VS-250	1	-38,41589642	-12,11780201	VS-70	1
-38,44253093	-12,12752401	VS-250	1	-38,41605972	-12,11765707	VS-70	1
-38,41616636	-12,14763683	VS-70	1	-38,47685448	-12,27495132	VS-70	2
-38,41616636	-12,14763683	VS-250	1	-38,43474476	-12,14508193	MV-250	1
-38,41616636	-12,14763683	VS-250	2	-38,43474476	-12,14508193	MV-400	1
-38,40338466	-12,12879021	MV-250	1	-38,3428987	-12,21543253	VS-70	1
-38,41704809	-12,11533709	VS-150	1	-38,48243378	-12,22823168	VS-250	1
-38,4071247	-12,12312699	VS-70	1	-38,50918642	-12,19398033	VS-250	1
-38,44029984	-12,12831039	VS-70	1	-38,5147048	-12,20544526	MV-250	1
-38,47480756	-12,20747058	VS-70	1	-38,50064921	-12,20477558	VS-70	1
-38,47480756	-12,20747058	VS-70	1	-38,39927042	-12,14125357	VS-70	1
-38,44389859	-12,12398077	VS-150	1	-38,39927042	-12,14125357	MV-400	1
-38,35357272	-12,20271457	VS-70	1	-38,41880208	-12,16028931	VS-70	1
-38,41948302	-12,15232029	MV-250	1	-38,40040743	-12,13582074	VS-150	1
-38,41948302	-12,15232029	MV-250	1	-38,40040743	-12,13582074	MV-250	1
-38,43510812	-12,13294041	VS-70	1	-38,39941316	-12,14162346	VS-70	1
-38,4436131	-12,13245374	MV-250	1	-38,39999338	-12,13109924	VS-250	6
-38,3582227	-12,21088457	VS-70	1	-38,39999338	-12,13109924	VS-250	3
-38,41801656	-12,14717697	VS-250	1	-38,39999338	-12,13109924	MV-250	1
-38,40093913	-12,15385024	VS-70	1	-38,39989806	-12,12961118	MV-250	1
-38,43608126	-12,12367702	VS-70	1	-38,40151291	-12,14380679	VS-70	1
-38,4606032	-12,14219544	VS-70	1	-38,4262117	-12,1244727	VS-70	1
-38,43839479	-12,13483036	VS-250	1	-38,40815802	-12,13541186	VS-250	1
-38,4800599	-12,14105221	VS-70	1	-38,3874929	-12,11606021	VS-70	1
-38,44745682	-12,12675624	VS-70	1	-38,44069336	-12,11319513	VS-150	1
-38,44031972	-12,14437701	VS-250	1	-38,44239723	-12,11236376	VM-250	1
-38,40275964	-12,12087531	VS-70	1	-38,38934474	-12,15647976	VS-150	1
-38,50235964	-12,24526993	VS-70	1	-38,46307103	-12,13914587	VS-70	1
-38,40701462	-12,13491352	MV-250	1	-38,41188967	-12,12813191	VS-70	1
-38,38684631	-12,11555295	VS-70	1	-38,41336462	-12,14141859	MV-250	1
-38,45366637	-12,25245419	VS-70	1	-38,41336462	-12,14141859	VS-400	1
-38,45032315	-12,14412202	VS-70	1	-38,41352133	-12,199708	VS-70	1
-38,42176966	-12,14222026	MV-250	1	-38,41590146	-12,10755041	VS-70	1
-38,49411652	-12,17774034	VS-70	1	-38,3988015	-12,14366198	VS-70	1
-38,43757976	-12,13177876	MV-250	1	-38,44320812	-12,13345706	MV-250	1
-38,41235463	-12,14333852	MV-250	1	-38,40393869	-12,14058172	MV-250	1
-38,41855799	-12,14995015	VS-250	1	-38,41392799	-12,15497844	VS-70	1
-38,40887802	-12,12911026	VS-70	1	-38,43083143	-12,11849042	MV-250	1
-38,47939327	-12,14183057	VS-70	1	-38,52833483	-12,18413885	VS-70	1
-38,43112472	-12,13267536	VS-250	1	-38,49540648	-12,17219711	VS-70	1
-38,41693144	-12,11702373	VS-150	1	-38,42714611	-12,25362458	MV-400	8

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,38859989	-11,95693286	VS-70	1	-38,43727984	-12,12255376	VS-70	1
-38,42136729	-12,1374344	MV-400	1	-38,43968379	-12,13573605	MV-250	1
-38,41993802	-12,12570199	VS-250	1	-38,41725478	-12,11332375	VS-150	1
-38,40583346	-12,1403175	MV-400	1	-38,43817984	-12,11329047	VS-250	1
-38,43296969	-12,14204033	MV-250	1	-38,41496473	-12,14332383	MV-250	1
-38,32848267	-12,17936296	VS-70	1	-38,41526363	-12,1317656	VS-250	1
-38,41575807	-12,11740447	VS-70	1	-38,44091316	-12,10940551	VS-70	1
-38,40580169	-11,93696821	VS-250	1	-38,40149296	-12,1402752	VS-70	1
-38,43114649	-12,11961214	MV-250	1	-38,42250165	-12,1165914	VS-250	1
-38,43922642	-12,13806199	MV-250	1	-38,42250165	-12,1165914	VS-70	1
-38,43736956	-12,14247378	VS-250	1	-38,51723917	-12,25193916	VS-70	1
-38,42899189	-12,12879107	VS-70	1	-38,45183747	-12,23153345	VS-70	1
-38,41288308	-12,11544539	MV-250	1	-38,41046013	-12,13315314	VS-70	1
-38,43241311	-12,12006213	MV-250	1	-38,50446314	-12,18454376	MV-250	1
-38,43241311	-12,12006213	VS-150	1	-38,41576627	-12,15582178	MV-250	1
-38,27898631	-12,10810857	MV-250	1	-38,46784822	-12,14472212	MV-250	1
-38,51405979	-12,20315366	MV-250	1	-38,42961869	-12,1480857	MV-250	1
-38,42297968	-12,13939356	MV-400	1	-38,40817797	-12,13127027	VS-70	1
-38,45701546	-12,15456929	MV-70	1	-38,45958313	-12,13673549	VS-70	1
-38,38872529	-12,15422255	VS-150	1	-38,42432472	-12,14384689	MV-250	1
-38,42376418	-12,12022749	VS-70	1	-38,41305633	-12,13274359	MV-250	1
-38,38828063	-12,15344476	VS-150	1	-38,45740313	-12,14361706	MV-250	1
-38,44155307	-12,1481736	MV-250	1	-38,39266797	-12,11825358	VS-70	1
-38,44334319	-12,11355722	VS-70	1	-38,43067669	-12,1418653	VS-70	1
-38,39497515	-12,15469914	VS-70	1	-38,40489626	-12,13950688	VS-70	1
-38,39642024	-12,15297257	VS-70	1	-38,43099121	-12,14918191	VS-70	1
-38,42746125	-12,139692	VS-250	1	-38,42415473	-12,13305494	MV-400	1
-38,35834775	-12,17369978	VS-70	1	-38,41725802	-12,15403681	MV-250	1
-38,35834775	-12,17369978	MV-250	1	-38,45334983	-12,14072037	VS-70	1
-38,35834775	-12,17369978	VS-150	1	-38,42272814	-12,08785721	VS-70	1
-38,35834775	-12,17369978	MV-400	1	-38,43307812	-12,12122157	VS-250	1
-38,40829174	-12,14015384	MV-400	1	-38,43307812	-12,12122157	VS-250	1
-38,2931364	-12,08560015	VS-250	1	-38,43168971	-12,15491525	VS-250	1
-38,2931364	-12,08560015	VS-70	1	-38,5020064	-12,22085516	VS-250	1
-38,42170514	-12,14076011	VS-250	1	-38,41233432	-12,12931913	VS-250	1
-38,40623168	-12,14675538	VS-400	3	-38,49000122	-12,25199489	VS-70	1
-38,4135079	-12,20459486	VS-70	1	-38,40240296	-12,11894026	VS-70	1
-38,43328188	-12,11873152	MV-250	1	-38,34541771	-12,21299616	VS-70	1
-38,4024304	-12,13386036	VS-250	1	-38,4105728	-12,24260456	VS-70	1
-38,42393806	-12,13740862	MV-400	1	-38,43541618	-12,1985226	VS-70	1
-38,41886472	-12,12088371	VS-150	1	-38,50872126	-12,24651495	VS-70	1
-38,41925471	-12,12915025	MV-250	1	-38,50438811	-12,18496873	MV-250	3
-38,43265847	-12,04616967	VS-70	1	-38,50438811	-12,18496873	VS-250	1
-38,45415148	-12,14555037	MV-400	1	-38,42703031	-12,13917675	VS-250	1
-38,44878315	-12,1389971	VS-70	1	-38,40075142	-12,14047145	VS-70	1
-38,40905839	-12,13967291	MV-250	2	-38,42001466	-12,14347396	MV-250	1
-38,41692639	-12,12681866	VS-250	1	-38,40056319	-12,00367334	VS-70	1
-38,4008699	-12,20375259	VS-70	1	-38,40381796	-12,13991848	MV-250	1
-38,4008699	-12,20375259	VS-70	1	-38,40080417	-12,13438439	MV-250	1
-38,41806976	-12,11695207	VS-70	1	-38,40080417	-12,13438439	VS-70	1
-38,3997779	-12,1499984	VS-250	1	-38,48876995	-12,23321687	VS-70	1
-38,3997779	-12,1499984	MV-400	2	-38,41495633	-12,11537673	VS-70	1
-38,3997779	-12,1499984	VS-250	1	-38,43720876	-12,12659009	VS-70	1
-38,41809543	-12,14754287	VS-250	1	-38,43752084	-12,12678486	VS-70	1
-38,40127419	-12,12307139	MV-250	2	-38,33194599	-12,17443468	VS-70	1
-38,35062768	-12,18638635	VS-70	1	-38,44244977	-12,13092039	VS-70	1
-38,40648648	-12,13942312	VS-250	1	-38,42904505	-12,12952404	VS-250	1
-38,42018136	-12,12803367	MV-250	1	-38,41079279	-12,15236816	MV-250	1
-38,42482973	-12,1416536	VS-250	1	-38,40761464	-12,13563688	MV-250	1
-38,41031065	-12,12917146	MV-250	1	-38,36628791	-12,09596523	VS-70	1
-38,40239866	-12,12629472	VS-250	1	-38,4163245	-12,24036128	VS-70	1
-38,50117575	-12,20381631	VS-70	1	-38,49554807	-12,21186349	VS-70	1
-38,41356975	-12,11291868	VS-70	1	-38,49024635	-12,22354835	VS-70	1
-38,36649908	-12,16204082	MV-250	1	-38,44782127	-12,12655961	VS-70	1
-38,4133547	-12,14076192	VS-400	1	-38,44808957	-12,1260995	VS-70	1
-38,4133547	-12,14076192	MV-250	1	-38,44784122	-12,12563583	VS-70	1
-38,42346924	-12,14078005	MV-400	1	-38,3902672	-12,13198196	VS-70	2

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,41965138	-12,11943421	VS-70	1	-38,46610152	-12,13785884	VS-70	1
-38,39866726	-12,19914453	MV-250	1	-38,38153919	-12,15853225	VS-70	1
-38,39866726	-12,19914453	VS-70	1	-38,42365173	-12,1422151	MV-250	1
-38,39326052	-12,11675083	MV-400	4	-38,42958151	-12,10450051	VS-70	1
-38,39836002	-11,9506011	MV-250	1	-38,39933134	-12,14916833	VS-70	1
-38,43284833	-12,04811088	VS-70	1	-38,39933134	-12,14916833	MV-250	1
-38,41329134	-12,14669347	MV-250	1	-38,36033112	-12,17621811	MV-150	1
-38,41717968	-12,1479002	VS-70	1	-38,43620814	-12,1316237	VS-250	1
-38,41717968	-12,1479002	MV-250	1	-38,41340804	-12,118447	VS-70	1
-38,40795511	-12,12253937	VS-70	2	-38,41011464	-12,14356517	VS-150	1
-38,42601833	-12,13412662	MV-250	1	-38,4059147	-12,12896689	VS-70	1
-38,49407962	-12,23093339	VS-70	1	-38,41769456	-12,14879857	VS-250	1
-38,44267481	-12,13208211	VS-70	2	-38,41798139	-12,13377025	MV-250	1
-38,39797014	-12,13202641	VS-70	1	-38,41960758	-12,13790449	MV-400	1
-38,44769374	-12,14084246	VS-70	1	-38,4361014	-12,13294373	VS-250	1
-38,44294433	-12,13525416	VS-400	1	-38,42348639	-12,14106192	VS-250	1
-38,40352294	-12,13460355	MV-250	1	-38,40606964	-12,13616691	VS-70	1
-38,39045581	-12,15522973	VS-150	1	-38,46209715	-12,26741594	LD-50	1
-38,41926579	-12,14547811	VS-250	1	-38,43201143	-12,14491359	VS-250	1
-38,41541808	-12,14760139	VS-70	1	-38,39839958	-12,1538201	VS-70	1
-38,41185785	-12,12969958	VS-70	1	-38,42457969	-12,13228536	VS-250	1
-38,41576632	-12,1429949	MV-250	1	-38,40794134	-12,13658688	VS-250	1
-38,41561132	-12,13487857	VS-70	1	-38,42607044	-12,12509068	VS-70	1
-38,43368995	-12,04869083	VS-70	1	-38,42273778	-12,13790168	VS-400	1
-38,34049884	-12,21569557	VS-70	1	-38,44681217	-12,14330651	VS-70	1
-38,40848984	-12,140433	MV-400	1	-38,41825427	-12,14416222	VS-250	1
-38,40855824	-12,14059303	MV-250	1	-38,40895946	-12,24403786	VS-70	1
-38,40855824	-12,14059303	MV-250	1	-38,4278997	-12,12799206	VS-150	1
-38,45047146	-12,14428534	VS-70	1	-38,4421614	-12,13733706	MV-250	1
-38,4228614	-12,13290533	VS-250	1	-38,40609971	-12,12384532	MV-250	1
-38,41796846	-11,93681497	VS-70	1	-38,40609971	-12,12384532	VS-70	1
-38,37433806	-12,02953064	VS-70	1	-38,4339114	-12,1347937	VS-250	1
-38,42415139	-12,14121198	VS-250	1	-38,42070975	-12,12148368	VS-70	1
-38,43249811	-12,14118027	VS-250	1	-38,42860654	-12,08072228	MV-400	1
-38,40583461	-12,13969854	MV-250	1	-38,42860654	-12,08072228	VS-70	1
-38,40583461	-12,13969854	MV-250	1	-38,32685943	-12,17365799	VS-70	1
-38,4431921	-12,12596384	VS-150	1	-38,42109973	-12,13694979	MV-400	1
-38,34374271	-12,21129616	VS-70	1	-38,40450969	-12,12609522	MV-250	1
-38,46615727	-12,16037393	MV-250	1	-38,40794561	-12,21946808	VS-70	1
-38,47609549	-12,16518152	VS-400	4	-38,40692298	-12,12340024	VS-70	1
-38,42129471	-12,12481367	VS-70	1	-38,41936823	-12,15139569	MV-250	1
-38,39744739	-12,14111653	MV-250	1	-38,41358973	-12,12004145	VS-70	1
-38,41860279	-12,13562785	VS-400	1	-38,42136465	-12,15529346	VS-70	1
-38,41630304	-12,1278653	VS-70	1	-38,42840142	-12,11849212	MV-250	1
-38,45410519	-12,16161066	VS-70	1	-38,45434975	-12,15348203	VS-70	1
-38,42094138	-12,12487202	VS-70	1	-38,33106099	-12,17365965	VS-70	1
-38,43170473	-12,12512538	VS-70	1	-38,33106099	-12,17365965	MV-400	4
-38,41177781	-12,10129232	VS-70	1	-38,41884445	-12,235963	VS-70	1
-38,47346952	-12,16409779	VS-250	1	-38,40057456	-12,15068508	VS-150	5
-38,43235818	-12,14006631	MV-250	2	-38,40057456	-12,15068508	VS-150	1
-38,43320809	-12,13097705	VS-250	1	-38,42188969	-12,15167021	MV-250	1
-38,41106164	-12,00353102	VS-70	1	-38,41818471	-12,13009859	VS-150	1
-38,39954118	-12,12523589	MV-400	4	-38,4047697	-12,12384357	VS-70	1
-38,43848837	-12,04617425	VS-70	1	-38,32779272	-12,18394125	VS-70	1
-38,39842792	-12,14385931	VS-70	1	-38,41451774	-12,22625412	VS-70	1
-38,39669631	-12,1405283	MV-400	1	-38,44126805	-12,14251372	VS-70	1
-38,36004108	-12,16310822	VS-70	1	-38,40420144	-12,1246738	MV-250	1
-38,44171315	-12,11464547	VS-70	1	-38,46878453	-12,25308813	VS-70	1
-38,47453307	-12,13943671	VS-250	1	-38,44616314	-12,13412876	VS-70	1
-38,44685728	-12,13070594	VS-150	1	-38,44616314	-12,13412876	VS-250	1
-38,42776382	-12,12514414	VS-70	1	-38,49497373	-12,2306997	VS-70	1
-38,42488474	-12,13792692	MV-250	2	-38,47232472	-12,2148209	VS-70	1
-38,42488474	-12,13792692	MV-250	3	-38,4164998	-12,15418025	MV-250	1
-38,42488474	-12,13792692	VS-250	3	-38,41409178	-12,13189133	VS-250	1
-38,4137735	-12,15526412	MV-250	1	-38,41932447	-12,16011491	VS-70	1
-38,43004307	-12,14499523	VS-250	1	-38,39778293	-12,13295185	VS-70	1
-38,39619962	-12,1526301	VS-70	1	-38,42709476	-12,12896202	MV-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,41279811	-12,10293545	VS-70	1	-38,4204674	-12,13758325	MV-400	1
-38,42949118	-12,21116548	VS-70	1	-38,41754801	-12,13221198	VS-70	1
-38,41974804	-12,11710701	VS-70	1	-38,40585608	-12,23065634	VS-70	1
-38,48613627	-12,23357993	VS-70	1	-38,43450469	-12,14496861	VS-250	1
-38,4217297	-12,12469372	VS-70	1	-38,36319775	-12,17845977	VS-70	1
-38,4217297	-12,12469372	VS-400	1	-38,28059987	-12,09426683	VS-250	1
-38,40614294	-12,14244683	VS-70	1	-38,29598468	-12,11672169	VS-70	1
-38,41778955	-12,15571308	VS-70	1	-38,36094609	-12,18335808	VS-70	1
-38,4164234	-12,13309849	MV-250	1	-38,36327772	-12,18998799	VS-70	1
-38,40411964	-12,14378187	MV-250	3	-38,27901648	-12,10705007	MV-250	1
-38,40411964	-12,14378187	MV-250	1	-38,27866644	-12,12551667	VS-250	1
-38,41645301	-12,12454701	VS-70	1	-38,36443619	-12,18156725	MV-400	1
-38,43882803	-12,14531034	MV-250	1	-38,36443619	-12,18156725	VS-70	1
-38,44274646	-12,12456376	VS-150	1	-38,36443619	-12,18156725	MV-250	1
-38,43304311	-12,132832	VS-250	1	-38,36415939	-12,18112139	VS-150	1
-38,43342807	-12,14237032	VS-250	1	-38,36415939	-12,18112139	MV-250	1
-38,44215644	-12,13703368	MV-250	1	-38,35658105	-12,20199458	VS-70	1
-38,46228484	-12,14185208	VS-70	1	-38,28086481	-12,09377847	VS-70	1
-38,43724474	-12,12950708	VS-70	1	-38,36386608	-12,18988636	VS-250	1
-38,41199276	-12,14857355	VS-250	1	-38,36085274	-12,19002302	VS-70	1
-38,41199276	-12,14857355	VS-250	1	-38,3531794	-12,18668796	VS-70	1
-38,40307961	-12,1364085	MV-250	1	-38,28690976	-12,11691837	VS-250	1
-38,40748798	-12,14010521	MV-250	1	-38,35724434	-12,20440622	VS-70	1
-38,43898061	-12,14119444	VS-70	1	-38,28196809	-12,10393342	VS-70	1
-38,43852305	-12,13896865	MV-250	1	-38,35587109	-12,20025797	MV-400	1
-38,4169414	-12,11237041	VS-250	1	-38,35587109	-12,20025797	FL-30	1
-38,43676308	-12,13550705	VS-250	1	-38,35587109	-12,20025797	HL-300	2
-38,41281951	-12,14743045	VS-150	1	-38,35766943	-12,19077969	VS-70	1
-38,41281951	-12,14743045	VS-150	1	-38,34442407	-12,21358573	VS-70	1
-38,41308627	-12,14873354	VS-250	1	-38,36432614	-12,18103811	VS-70	1
-38,4409985	-12,0084461	VS-70	1	-38,28456646	-12,1088534	VS-250	1
-38,4108513	-12,15366845	VS-250	1	-38,35705605	-12,20449958	VS-70	1
-38,44108977	-12,13883037	VS-250	1	-38,35263936	-12,19290797	VS-70	1
-38,41428217	-12,12141991	VS-70	1	-38,3516144	-12,19435126	VS-70	1
-38,44737824	-12,11343902	MV-250	1	-38,35437443	-12,18786801	VS-70	2
-38,44650688	-12,11157769	MV-250	1	-38,36144102	-12,18425924	VS-70	1
-38,45258811	-12,14776034	VS-70	1	-38,36147277	-12,19010135	VS-70	1
-38,42733645	-12,1321853	VS-250	1	-38,28531979	-12,11497338	VS-70	1
-38,43296662	-12,04553919	VS-70	1	-38,36947411	-12,18846022	VS-70	1
-38,3991313	-12,14208873	VS-70	1	-38,35893108	-12,18357138	VS-70	1
-38,43902815	-12,11143048	MV-250	1	-38,35619108	-12,20051124	VS-70	1
-38,41904808	-12,12861028	MV-250	1	-38,35779483	-12,18059206	MV-250	1
-38,40031653	-12,13278254	VS-70	1	-38,28639142	-12,11675338	VS-250	1
-38,42857472	-12,13134534	VS-250	1	-38,3560196	-12,19500328	VS-70	1
-38,43943151	-12,12210047	VS-70	1	-38,36176439	-12,17878142	VS-150	1
-38,429618	-12,1515319	VS-250	1	-38,28613315	-12,10030009	MV-250	1
-38,42413786	-12,12797506	VS-70	1	-38,28613315	-12,10030009	VS-70	1
-38,41082845	-12,14380968	MV-250	1	-38,35585937	-12,20317959	VS-70	1
-38,39520736	-12,15395104	VS-70	1	-38,35893018	-12,1868433	VS-70	1
-38,40524326	-12,02476515	VS-70	1	-38,35907187	-12,18787645	MV-250	1
-38,4043963	-12,1316186	VS-250	1	-38,36680776	-12,1826931	VS-70	1
-38,41544307	-12,12205537	MV-250	1	-38,35678108	-12,1996146	VS-70	1
-38,43650477	-12,12339207	VS-70	1	-38,28145477	-12,10408341	VS-70	1
-38,4134867	-11,97720451	VS-70	1	-38,34969614	-12,12900001	VS-70	1
-38,51163977	-12,19855696	VS-250	1	-38,39591011	-12,15445715	VS-70	1
-38,41076855	-12,13164819	MV-250	1	-38,36798121	-12,09098025	MV-250	1
-38,41042654	-12,11734561	VS-70	1	-38,4064913	-12,15576287	VS-70	1
-38,43349479	-12,13623368	MV-250	1	-38,32579954	-12,10890987	VS-70	1
-38,44434185	-12,11296981	VS-70	1	-38,36310956	-12,09372686	VS-70	1
-38,44434185	-12,11296981	VS-250	1	-38,36603641	-12,13627113	VS-70	1
-38,44456256	-12,11274904	VS-70	1	-38,35339782	-12,08568683	VS-250	1
-38,44456256	-12,11274904	MV-250	1	-38,35339782	-12,08568683	VS-70	1
-38,44575768	-12,11235138	MV-250	1	-38,39101959	-12,13959678	VS-70	1
-38,37929813	-11,95741443	VS-250	1	-38,39101959	-12,13959678	MV-400	1
-38,42642136	-12,14517021	MV-400	1	-38,3743188	-12,14322505	VS-70	1
-38,39780483	-12,14241095	MV-400	1	-38,30059469	-12,0387687	VS-70	1
-38,40025171	-12,14003996	VS-150	1	-38,30196139	-12,04078872	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,41211503	-11,99826598	VS-70	1	-38,37599314	-12,10535541	MV-400	1
-38,44169323	-12,13757802	VS-250	1	-38,37599314	-12,10535541	VS-150	1
-38,42897485	-12,21398372	VS-70	1	-38,37599314	-12,10535541	VS-70	1
-38,41258665	-11,99881772	VS-70	1	-38,37599314	-12,10535541	MV-400	1
-38,42653528	-12,12516673	VS-70	1	-38,33834774	-12,07431019	VS-70	1
-38,42653528	-12,12516673	VS-250	1	-38,48474334	-12,24939427	VS-70	1
-38,41382637	-12,12873863	VS-70	1	-38,39528955	-12,1546192	VS-70	1
-38,41627732	-12,22316593	VS-70	1	-38,39458549	-12,11526683	VS-70	1
-38,32791869	-12,1140423	VS-70	1	-38,35691783	-12,12908166	VS-70	1
-38,36712951	-12,18479791	VS-70	1	-38,41344209	-12,16731521	VS-250	1
-38,43896482	-12,12878375	VS-70	2	-38,41344209	-12,16731521	VS-70	1
-38,40702745	-12,14669685	VS-70	1	-38,29866809	-12,03279542	VS-70	1
-38,42240966	-12,14726522	MV-250	1	-38,29697811	-12,03563874	VS-70	1
-38,44532362	-12,12405749	VS-250	1	-38,36224118	-12,09308524	VS-70	1
-38,41505965	-12,1449019	VS-70	1	-38,35112784	-12,08491521	VS-70	2
-38,43190641	-12,13652869	MV-250	1	-38,36653459	-12,04837712	VS-70	1
-38,38901012	-12,12769822	VS-70	1	-38,37631203	-12,10561801	VS-70	1
-38,44531632	-12,11454675	MV-250	1	-38,41444945	-12,17067796	VS-70	1
-38,44494229	-12,1126158	MV-250	1	-38,39119596	-12,13278663	VS-70	1
-38,44553811	-12,11209146	MV-250	1	-38,41434864	-12,16571504	VS-70	1
-38,3910029	-12,15555625	VS-150	1	-38,38285139	-12,10598489	VS-70	1
-38,44205987	-12,11372219	VS-70	1	-38,39639796	-12,112517	VS-70	1
-38,42364635	-12,13746027	VS-400	1	-38,33214242	-12,0307688	VS-70	1
-38,42364635	-12,13746027	MV-250	1	-38,28433813	-12,11361843	VS-70	1
-38,4131813	-12,14645021	VS-250	1	-38,41303486	-12,16974152	VS-70	1
-38,4131813	-12,14645021	MV-400	1	-38,4113204	-12,13681599	VS-250	1
-38,4131813	-12,14645021	VS-250	1	-38,42572958	-12,15242765	VS-70	1
-38,41850136	-12,13262025	MV-250	1	-38,4261652	-12,15339639	VS-150	1
-38,43871753	-12,2384973	IN-100	1	-38,42541825	-12,15334168	VS-70	1
-38,44543233	-12,12370483	VS-70	1	-38,43005282	-12,25240797	VS-70	1
-38,41283135	-12,14658848	VS-70	2	-38,43005282	-12,25240797	MV-400	10
-38,4489664	-12,15667362	VS-70	1	-38,39985617	-12,19792819	MV-250	1
-38,4489664	-12,15667362	MV-250	1	-38,41778015	-12,15706467	MV-250	1
-38,45296318	-12,13936545	MV-250	1	-38,43727319	-12,1169371	VS-70	1
-38,40053924	-12,13993737	VS-70	1	-38,40223117	-12,20108174	VS-70	1
-38,40481467	-12,14220018	VS-250	1	-38,49577481	-12,17221876	VS-70	1
-38,43607638	-12,14518026	VS-400	1	-38,41362453	-12,20653646	VS-70	1
-38,39886489	-12,14246945	VS-70	1	-38,36046551	-12,16430027	VS-70	1
-38,4272253	-12,12528171	VS-70	1	-38,42770304	-12,12823037	VS-150	1
-38,38908464	-12,11430521	VS-70	1	-38,42039474	-12,13237359	MV-250	1
-38,41039122	-12,19975484	VS-70	1	-38,43760312	-12,12588879	VS-70	1
-38,40724942	-12,23058801	VS-70	1	-38,43760312	-12,12588879	MV-250	1
-38,4153172	-12,11000913	VS-70	1	-38,43530812	-12,12081708	VS-150	1
-38,48003678	-12,23319322	VS-70	1	-38,40328758	-12,15274922	VS-70	1
-38,44721295	-12,15820132	VS-70	1	-38,438313	-12,17333237	VS-70	1
-38,42074138	-12,13313364	VS-250	1	-38,46902324	-12,13471722	VS-70	1
-38,42074138	-12,13313364	VS-250	1	-38,43018142	-12,13266698	VS-250	1
-38,40707627	-12,14022515	MV-250	1	-38,43018142	-12,13266698	LD-50	1
-38,4101173	-12,13339891	VS-70	1	-38,423823	-12,14274522	MV-250	1
-38,42133698	-12,12927396	VS-250	1	-38,41629136	-12,15159184	VS-70	1
-38,42903144	-12,11782709	MV-250	1	-38,44589119	-12,15759067	VS-70	1
-38,44609433	-12,16034382	VS-70	1	-38,42123339	-12,14341428	VS-400	1
-38,44498577	-12,15983141	VS-70	1	-38,44385092	-12,15857861	VS-70	1
-38,44520889	-12,15958505	MV-70	1	-38,44404418	-12,15752139	VS-70	1
-38,44520889	-12,15958505	MV-400	1	-38,44449423	-12,15738429	VS-70	1
-38,44614132	-12,15896306	VS-70	1	-38,40407047	-12,14331029	VS-250	1
-38,45502151	-12,14342042	MV-250	1	-38,43357638	-12,13417869	VS-250	1
-38,43892784	-12,24119637	VS-70	1	-38,40990449	-12,12921422	VS-70	1
-38,37984469	-12,03317896	VS-70	1	-38,41044459	-12,1561751	VS-250	1
-38,4158054	-12,20077686	VS-70	1	-38,45197646	-12,1434254	VS-70	1
-38,42217603	-12,13724861	VS-400	1	-38,4170797	-12,14852836	VS-250	1
-38,43562413	-12,23599596	VS-70	1	-38,44884974	-12,15496361	VS-70	1
-38,39734126	-12,14402514	VS-70	1	-38,28386481	-12,10018513	VS-70	1
-38,41551785	-12,23312129	VS-70	1	-38,43445311	-12,13823536	VS-250	1
-38,40153299	-12,13435515	VS-70	1	-38,42176817	-12,12686208	VS-70	1
-38,46852822	-12,14043714	VS-70	1	-38,41459979	-12,21971631	VS-70	1
-38,46852822	-12,14043714	MV-400	1	-38,43673973	-12,13009709	VS-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,45277944	-12,15478546	VS-70	1	-38,43906143	-12,13058539	VS-70	1
-38,42318801	-12,15342185	VS-70	1	-38,39662101	-12,1535771	VS-70	1
-38,40020126	-12,14952513	MV-250	1	-38,43424144	-12,14458526	MV-250	1
-38,40596332	-11,93685653	VS-250	1	-38,42684903	-12,15340217	VS-150	1
-38,4161714	-12,12010539	MV-250	1	-38,44341277	-12,12374921	VS-250	1
-38,42435112	-12,25434794	VS-70	1	-38,42120066	-12,13679845	MV-400	1
-38,4534648	-12,14660372	MV-250	1	-38,4419948	-12,13618376	VS-250	1
-38,4534648	-12,14660372	MV-250	1	-38,44331645	-12,1359387	MV-250	1
-38,36941126	-12,09933191	MT-160	1	-38,33172435	-12,177403	VS-70	1
-38,44423757	-12,15331626	VS-70	1	-38,49617965	-12,23136338	VS-70	1
-38,41680909	-12,15667212	MV-250	1	-38,41461296	-12,15502849	VS-70	1
-38,44549479	-12,12620376	VS-250	1	-38,41405117	-12,14492926	VS-70	1
-38,40290382	-12,13026889	VS-150	1	-38,41394132	-12,1443835	VS-70	1
-38,39937913	-12,12625563	MV-150	1	-38,42123308	-12,10631715	VS-250	1
-38,41118299	-12,14295185	MV-250	1	-38,39669146	-12,14085411	VS-70	1
-38,34317437	-12,16530644	VS-70	1	-38,42622812	-12,14663498	VS-250	1
-38,34317437	-12,16530644	MV-250	1	-38,42622812	-12,14663498	VS-250	1
-38,43238135	-12,15796662	VS-70	1	-38,42458612	-12,14501982	VS-250	1
-38,44035876	-12,13708917	MV-250	1	-38,49280653	-12,16948878	VS-70	1
-38,4075197	-12,13540357	VS-70	1	-38,42512743	-12,13795263	VS-400	1
-38,4075197	-12,13540357	MV-250	1	-38,42512743	-12,13795263	MV-400	1
-38,40184296	-12,14183853	VS-70	1	-38,42508135	-12,13900532	MV-400	1
-38,39853701	-12,14756645	VS-70	1	-38,42215436	-12,21074431	VS-70	1
-38,45356535	-12,15748598	VS-70	1	-38,42494354	-12,13322726	VS-250	1
-38,39998832	-12,12927772	MV-250	1	-38,41746889	-12,19691853	VS-70	1
-38,42744743	-12,13436733	VS-250	1	-38,4661932	-12,14145711	VS-250	1
-38,41520299	-12,14611185	VS-70	1	-38,4661932	-12,14145711	VS-400	1
-38,41848974	-12,12118199	VS-70	1	-38,40745469	-12,12269527	VS-70	1
-38,40545304	-12,12430362	VS-70	1	-38,41173793	-12,15503177	VS-250	1
-38,42087524	-12,12872447	VS-250	1	-38,43873478	-12,14032863	VS-250	1
-38,42087524	-12,12872447	VS-250	1	-38,42969917	-12,14771132	VS-250	1
-38,39111089	-12,12969673	VS-70	1	-38,38883062	-12,15647701	VS-150	1
-38,38991902	-12,12924716	VS-70	1	-38,39092806	-12,15508551	VS-150	1
-38,38877958	-12,11409028	VS-70	1	-38,43366138	-12,14468366	VS-250	1
-38,44451045	-12,12301035	VS-70	1	-38,43366138	-12,14468366	VS-70	1
-38,41336138	-12,12735029	VS-70	1	-38,44086641	-12,13243538	MV-250	1
-38,43135808	-12,13958201	MV-250	1	-38,42391693	-12,13986228	VS-250	1
-38,41217616	-12,1195048	VS-70	1	-38,42391693	-12,13986228	VS-250	1
-38,41256561	-12,11940712	VS-70	1	-38,4503678	-12,1262822	VS-70	1
-38,42528867	-12,12878026	VS-70	1	-38,44887701	-12,12625134	VS-70	1
-38,415183	-12,12761031	VS-250	1	-38,42372311	-12,122062	VS-70	1
-38,40945797	-12,14544851	MV-250	1	-38,43614686	-12,14057657	MV-250	1
-38,43522969	-12,14691033	VS-70	1	-38,43614686	-12,14057657	MV-250	1
-38,44173401	-12,11153033	VS-150	1	-38,43172303	-12,15134688	VS-70	1
-38,44214752	-12,11181684	VS-70	1	-38,41672545	-12,16180137	VS-250	1
-38,44263315	-12,1113765	VS-150	1	-38,46998485	-12,1405138	VS-70	1
-38,44304946	-12,11139683	VS-150	1	-38,46998485	-12,1405138	VS-250	1
-38,43822308	-12,12781705	VS-150	1	-38,41000608	-12,13070427	MV-250	1
-38,43822308	-12,12781705	VS-250	1	-38,33990107	-12,16545638	VS-70	1
-38,41963469	-12,1310736	VS-250	1	-38,33990107	-12,16545638	MV-400	1
-38,41210523	-12,11942363	VS-70	1	-38,46256986	-12,14067548	MV-250	1
-38,41911722	-12,1409965	MV-250	2	-38,3980104	-12,14369454	VS-400	1
-38,44580771	-12,13540824	VS-70	2	-38,3980104	-12,14369454	VS-70	1
-38,46894954	-12,25385479	VS-70	1	-38,41076835	-12,15107861	MV-250	1
-38,52345178	-12,1930303	VS-70	1	-38,40650802	-12,1240586	VS-70	1
-38,41750302	-12,12927859	VS-70	1	-38,40650802	-12,1240586	MV-250	1
-38,41907375	-12,19413444	VS-70	1	-38,40650802	-12,1240586	MV-250	1
-38,39823633	-12,13396019	VS-70	1	-38,43217148	-12,12720205	MV-250	1
-38,41617976	-12,10907705	VS-70	1	-38,43488117	-12,22898809	VS-70	1
-38,41154636	-12,12331028	VS-70	1	-38,40942111	-12,2455162	VS-70	1
-38,41154636	-12,12331028	MV-400	1	-38,43482971	-12,1412053	VS-250	1
-38,43190282	-12,2553629	VS-70	1	-38,42730894	-12,15276648	VS-70	1
-38,39196402	-12,12982989	VS-70	1	-38,4452299	-12,12368797	VS-70	1
-38,42931844	-12,00443109	VS-70	1	-38,42298135	-12,14751193	VS-250	1
-38,38377128	-12,10667796	VS-70	1	-38,44139446	-12,26156626	VS-70	1
-38,41399468	-12,12659526	VS-70	1	-38,41711486	-12,14812242	MV-250	1
-38,42961974	-12,11787043	MV-250	1	-38,40465365	-12,13074958	MV-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,44371094	-12,15640385	VS-70	1	-38,38784481	-12,1549468	VS-150	1
-38,44304059	-12,1555555	MV-400	1	-38,38908506	-12,15354762	VS-150	1
-38,44304059	-12,1555555	VS-70	1	-38,43711976	-12,14218864	VS-150	1
-38,43433572	-12,13771532	MV-250	1	-38,49894375	-12,201865	VS-70	1
-38,36064293	-12,16531195	VS-70	1	-38,38875798	-12,11573522	VS-70	1
-38,44906312	-12,13909711	VS-70	1	-38,46326559	-12,25335251	VS-70	1
-38,41822399	-12,15080944	VS-250	1	-38,40045345	-12,13213763	VS-70	1
-38,40225464	-12,13643017	MV-250	1	-38,41057965	-12,14980516	MV-250	1
-38,41443465	-12,14093192	VS-250	1	-38,39835956	-12,14630678	FL-45	1
-38,39864491	-12,14087189	MV-250	1	-38,45607644	-12,1394238	MV-250	1
-38,4174948	-12,09500713	VS-70	1	-38,43305305	-12,138209	MV-250	1
-38,41115882	-12,13146341	MV-250	1	-38,43305305	-12,138209	MV-250	1
-38,41115882	-12,13146341	MV-250	1	-38,42209465	-12,14469528	MV-250	1
-38,40579799	-12,12270193	VS-70	1	-38,40397463	-12,13593187	MV-250	1
-38,41106448	-12,24647119	VS-70	2	-38,40397463	-12,13593187	VS-70	1
-38,43006601	-12,14579299	VS-250	1	-38,37333755	-11,98730153	VS-70	1
-38,4185559	-12,16042007	VS-70	1	-38,37034637	-11,99068582	VS-70	1
-38,42478807	-12,13054365	VS-250	1	-38,39859108	-11,94369196	VS-70	1
-38,44533145	-12,1467303	MV-250	1	-38,39877958	-11,94335821	VS-70	1
-38,43953336	-12,13490586	VS-250	1	-38,36730803	-11,99892245	VS-70	1
-38,4332959	-12,12899184	VS-70	1	-38,37347304	-11,98926416	VS-70	1
-38,40704939	-12,11958085	VS-70	1	-38,37822704	-11,95823322	MV-250	1
-38,4268316	-12,140564	VS-250	1	-38,37443309	-11,98653754	VS-70	1
-38,39777435	-12,13726523	VS-70	1	-38,39140495	-11,93867467	VS-70	1
-38,39777435	-12,13726523	VS-400	1	-38,44715206	-11,93419356	VS-70	1
-38,39777435	-12,13726523	VS-250	1	-38,33838115	-11,97089735	VS-70	1
-38,41240045	-12,10103426	VS-70	1	-38,41899838	-12,00363937	VS-70	1
-38,44419872	-12,12651607	VS-250	1	-38,41487675	-11,97295297	VS-70	1
-38,44419872	-12,12651607	VS-150	1	-38,35018285	-12,03667873	VS-70	1
-38,42799808	-12,12923538	VS-70	1	-38,34396335	-12,0323211	VS-70	1
-38,44388101	-12,15520018	VS-70	1	-38,45742048	-11,93746863	VS-70	1
-38,47476629	-12,16474828	MV-250	1	-38,37618724	-11,9558748	MV-250	1
-38,44310989	-12,13181761	VS-70	1	-38,42700208	-11,9499907	VS-70	1
-38,3985252	-12,12550684	MV-250	1	-38,44157197	-11,93323354	VS-70	1
-38,41118061	-12,14755477	MV-250	1	-38,37186409	-11,96814421	VS-70	1
-38,44075141	-12,14610723	VS-70	1	-38,37495638	-12,02707899	VS-70	1
-38,42741971	-12,14469358	VS-250	1	-38,34626285	-12,03632876	VS-70	1
-38,413233	-12,12944362	VS-70	1	-38,40108501	-11,93888974	VS-70	1
-38,39908476	-12,19880697	VS-70	1	-38,37427635	-12,02739059	VS-70	1
-38,42322561	-12,14009002	MV-400	1	-38,37427635	-12,02739059	MT-160	1
-38,41616303	-12,13453195	VS-250	1	-38,41957899	-11,94464063	VS-70	1
-38,43079234	-12,14967403	VS-70	1	-38,47271052	-11,95058196	VS-70	1
-38,41936138	-12,14759024	MV-250	1	-38,40836175	-11,9401848	VS-70	1
-38,41936138	-12,14759024	VS-250	1	-38,3764548	-11,97313602	VS-70	1
-38,36200947	-12,16570647	MV-250	1	-38,3646497	-11,97121929	VS-70	1
-38,36200947	-12,16570647	MV-250	2	-38,36314462	-12,00459902	VS-70	1
-38,42541616	-12,21218485	MV-250	1	-38,40656233	-12,02462165	VS-70	1
-38,42541616	-12,21218485	VS-70	1	-38,40958501	-11,94203312	VS-70	1
-38,44457652	-12,12847208	VS-150	1	-38,39935333	-11,94537967	VS-70	1
-38,39907485	-12,12714172	MV-150	1	-38,34566613	-12,03588875	VS-70	1
-38,45401312	-12,15673867	VS-70	1	-38,35314955	-11,994449	VS-70	1
-38,4168565	-12,08916884	VS-70	1	-38,40008996	-11,94217643	VS-70	1
-38,37809618	-12,13332679	VS-70	1	-38,40079501	-11,94335807	VS-70	1
-38,44507065	-12,15925196	VS-70	1	-38,37707814	-11,97062265	VS-70	1
-38,41658299	-12,13207996	VS-70	1	-38,43512139	-12,13850369	MV-250	1
-38,41671797	-12,14799857	VS-250	1	-38,4134113	-12,15613684	VS-250	1
-38,44447337	-12,12414641	VS-250	1	-38,38900627	-12,11476356	VS-70	1
-38,4296931	-12,13385534	VS-250	2	-38,44350144	-12,14451204	VS-70	1
-38,41952309	-12,12824199	MV-250	1	-38,42931977	-12,1310354	VS-250	1
-38,41510285	-12,22139305	VS-70	1	-38,4361665	-12,11636046	VS-70	1
-38,40447796	-12,14444017	MV-250	1	-38,40390583	-12,15239015	VS-70	1
-38,40885965	-12,1375202	VS-250	1	-38,44336798	-12,12590092	VS-250	1
-38,43646145	-12,12694707	MV-250	2	-38,45714637	-12,1513582	VS-70	1
-38,45510314	-12,15113537	VS-70	1	-38,41284151	-12,11278459	MV-400	1
-38,40862461	-12,12563439	MV-250	1	-38,41284151	-12,11278459	MV-250	1
-38,41792135	-12,13497359	MV-400	1	-38,41284151	-12,11278459	VS-70	1
-38,4381948	-12,13892534	MV-250	1	-38,40920702	-12,21848258	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,43153962	-12,21342864	VS-70	1	-38,40869679	-12,14537733	VS-250	1
-38,43242876	-12,12943111	MV-250	1	-38,43724811	-12,12634208	VS-70	1
-38,4138374	-12,13166344	VS-250	1	-38,41541229	-12,14260368	MV-250	1
-38,40406295	-12,12812354	VS-70	1	-38,41361284	-12,22789298	VS-70	1
-38,40142341	-12,14087676	VS-70	1	-38,41308801	-12,11572698	MV-250	1
-38,40142341	-12,14087676	VS-250	1	-38,41704307	-12,12709369	VS-70	2
-38,40405423	-12,1229621	VS-70	1	-38,47637089	-12,2070294	VS-70	1
-38,38323953	-12,14621001	VS-70	1	-38,47637089	-12,2070294	VS-70	1
-38,44633132	-12,14001005	VS-70	1	-38,41914945	-12,12888538	MV-250	1
-38,42774566	-12,15214934	VS-70	1	-38,42654015	-12,15296668	VS-70	1
-38,42451971	-12,13061366	VS-250	1	-38,42553729	-12,15317405	VS-70	1
-38,41642138	-12,13658191	VS-250	1	-38,41206632	-12,13181361	MV-250	1
-38,41053028	-12,12415061	MV-250	1	-38,43139475	-12,11706714	VS-250	1
-38,49774816	-12,17237545	VS-70	1	-38,44616137	-12,12267686	VS-70	1
-38,3974163	-12,14463182	VS-70	1	-38,44666715	-12,12343091	VS-70	1
-38,43511476	-12,12524371	VS-70	1	-38,44544834	-12,12388838	VS-70	1
-38,42184197	-12,12011771	VS-70	1	-38,42564123	-12,12765922	VS-400	2
-38,41643275	-12,15139273	VS-70	1	-38,42564123	-12,12765922	VS-150	1
-38,45925652	-12,13799714	VS-70	1	-38,44322727	-12,12632114	VS-150	1
-38,41410469	-12,12379695	VS-70	1	-38,39785104	-12,14495569	VS-70	1
-38,44551952	-12,11528058	MV-250	1	-38,38802845	-12,15474646	VS-150	1
-38,44553717	-12,11261242	MV-250	1	-38,38814929	-12,15447381	VS-150	1
-38,4568199	-12,15531939	MV-70	1	-38,38939752	-12,15396459	VS-150	1
-38,40699636	-12,12433864	VS-70	1	-38,45338481	-12,14350206	VS-70	1
-38,39991043	-12,13986256	VS-250	1	-38,41272779	-12,23973961	VS-70	1
-38,417933	-12,13213364	VS-250	1	-38,38647813	-11,99388254	VS-70	1
-38,35289947	-12,08702857	VS-70	1	-38,43278806	-12,14755694	VS-250	1
-38,41059298	-12,14315686	MV-250	1	-38,42017305	-12,1427302	VS-250	1
-38,46987321	-12,14679209	VS-70	1	-38,43365118	-12,11896936	VS-250	1
-38,39866958	-12,13259185	VS-70	1	-38,41807295	-12,15372846	VS-250	1
-38,44388148	-12,13225877	VS-250	1	-38,41807295	-12,15372846	VM-125	1
-38,41750094	-12,14057088	MV-250	1	-38,42712739	-12,14246813	VS-250	1
-38,45182717	-12,23106778	VS-70	1	-38,42352474	-12,13394697	MV-250	1
-38,43877315	-12,11171887	MV-250	1	-38,38409274	-12,15522897	VS-150	1
-38,41074342	-12,12697124	VS-70	1	-38,51386978	-12,20190198	MV-250	1
-38,48099447	-12,26774806	VS-70	1	-38,49223595	-12,17841868	VS-70	1
-38,44363655	-12,15779499	VS-250	1	-38,41338648	-12,11678692	MV-250	1
-38,43367638	-12,14564363	VS-250	1	-38,44655986	-12,15336213	MV-400	1
-38,42983637	-12,15096854	VS-250	1	-38,43239807	-12,13835365	MV-250	1
-38,42989303	-12,132842	VS-250	1	-38,50764145	-12,18780204	MV-250	1
-38,42989303	-12,132842	VS-250	1	-38,41712758	-12,10988613	VS-70	1
-38,42515301	-12,13754863	VS-400	1	-38,41710593	-12,10942601	VS-70	1
-38,44226381	-12,13826088	VS-150	1	-38,39778296	-12,13393181	MV-250	1
-38,4125228	-12,23538295	VS-70	1	-38,39778296	-12,13393181	VS-70	1
-38,41370969	-12,12664699	VS-70	1	-38,41763797	-12,13869521	VS-250	1
-38,4108561	-12,24375956	VS-70	1	-38,45832424	-12,22601853	VS-70	1
-38,40858423	-12,21703013	VS-70	1	-38,40896955	-12,13522254	VS-70	1
-38,47215942	-12,16341445	VS-250	1	-38,39177962	-12,12204185	VS-70	1
-38,41727651	-12,14075104	MV-250	1	-38,43350515	-12,11642993	VS-70	3
-38,40375469	-12,12432362	VS-70	1	-38,48311439	-12,23226283	VS-70	1
-38,4266164	-12,1473286	VS-400	1	-38,44530145	-12,15306031	VS-250	1
-38,4266164	-12,1473286	VS-250	1	-38,40504468	-12,12825862	VS-70	1
-38,41103631	-12,14288188	VS-250	1	-38,4036913	-12,14092685	VS-150	1
-38,43184317	-12,11892214	MV-250	1	-38,41082468	-12,13191025	MV-250	1
-38,43111113	-12,25309463	VS-70	1	-38,44039115	-12,26209621	VS-70	1
-38,4165713	-12,14479017	VS-70	1	-38,42276051	-12,13453784	VS-250	1
-38,4165713	-12,14479017	VS-400	1	-38,4016295	-12,12760129	VS-250	1
-38,39873959	-12,13356017	VS-70	1	-38,43877641	-12,1433087	VS-250	1
-38,43531304	-12,1385253	MV-250	1	-38,41344979	-12,11976973	VS-70	1
-38,44396102	-12,12513265	VS-150	1	-38,46466614	-12,26875964	VS-70	1
-38,41540588	-12,22424448	VS-70	1	-38,42310718	-12,12980724	VS-70	1
-38,42127299	-12,15401855	VS-70	1	-38,41302034	-12,11313832	VS-70	1
-38,42673641	-12,14082194	VS-250	1	-38,40582839	-12,14193832	VS-70	1
-38,41869968	-12,13114698	VS-250	1	-38,44744176	-12,11194653	MV-250	1
-38,41363138	-12,112357	VS-150	1	-38,47502599	-12,13962942	VS-70	1
-38,41363138	-12,112357	VS-70	1	-38,38399495	-12,10561346	VS-70	1
-38,45479639	-12,15500536	VS-250	1	-38,41972145	-12,11896868	VS-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,43314175	-12,0061544	VS-70	1	-38,40851391	-12,21748056	VS-70	1
-38,48986619	-12,26816141	VS-70	1	-38,432163	-12,14822194	VS-70	1
-38,43198972	-12,14959526	VS-250	1	-38,44759422	-12,1395138	VS-150	1
-38,42190639	-12,13856696	VS-250	1	-38,39698459	-12,14428182	VS-70	1
-38,41311163	-12,14769802	VS-70	1	-38,41322032	-12,20925842	VS-70	1
-38,41311163	-12,14769802	MV-250	1	-38,44173821	-12,11408384	VS-70	1
-38,43000813	-12,11566044	MV-250	1	-38,44668039	-12,14363341	VS-70	1
-38,42701689	-12,14223696	VS-250	1	-38,41035959	-12,15122351	VS-70	1
-38,474784	-12,13907484	VS-250	1	-38,49504813	-12,17219878	VS-70	1
-38,474784	-12,13907484	VS-70	1	-38,42578821	-12,0810156	VS-70	1
-38,40503834	-11,93684812	VS-70	1	-38,44525063	-12,12333563	VS-70	1
-38,46294555	-12,13937897	VS-70	1	-38,42321284	-12,13838861	MV-400	1
-38,43573533	-12,12335129	VS-70	1	-38,43603981	-12,11875547	VS-70	1
-38,422878	-12,15184351	VS-250	1	-38,43603981	-12,11875547	VS-250	1
-38,41756657	-12,12604186	MV-250	1	-38,42344636	-12,13812524	MV-400	1
-38,41756657	-12,12604186	VS-70	1	-38,40841957	-12,01983499	VS-70	1
-38,42980978	-12,13391868	VS-250	1	-38,4442048	-12,13204374	MV-250	1
-38,40049113	-12,20173979	VS-70	1	-38,41080302	-12,12561029	VS-70	1
-38,42686391	-12,13613661	MV-250	1	-38,41080302	-12,12561029	VS-150	1
-38,43662481	-12,13220537	VS-70	1	-38,43062293	-12,12353239	VS-70	1
-38,43662481	-12,13220537	VS-250	1	-38,43111973	-12,13470199	MV-250	1
-38,43611181	-12,14020491	MV-250	1	-38,43111973	-12,13470199	VS-250	1
-38,44036418	-12,13733668	MV-250	1	-38,41043503	-12,13649081	VS-250	1
-38,43568808	-12,13925701	MV-250	1	-38,29559393	-11,96410173	VS-70	1
-38,43895811	-12,13040036	VS-70	1	-38,41469633	-12,1428819	MV-250	1
-38,4292947	-12,13530366	VS-250	1	-38,44902806	-12,15366867	MV-250	1
-38,44399515	-12,01026284	VS-70	1	-38,29137972	-12,08657018	VS-70	1
-38,43045469	-12,13934529	MV-250	1	-38,39639957	-12,14748676	MT-160	1
-38,43810983	-12,12973207	VS-70	1	-38,40014949	-12,1478905	VS-70	1
-38,46358216	-12,13770142	VS-70	1	-38,41439671	-12,14438011	VS-70	1
-38,41092803	-12,13491857	VS-70	1	-38,41902999	-12,00308605	VS-70	1
-38,41092803	-12,13491857	MV-400	1	-38,41470129	-12,14606517	VS-70	1
-38,43677406	-12,14013482	MV-250	1	-38,4207997	-12,13971027	MV-400	2
-38,43658972	-12,13919199	MV-250	1	-38,4207997	-12,13971027	VS-250	1
-38,41629524	-12,15010388	MV-250	1	-38,43153564	-12,12786087	VS-70	1
-38,40090836	-12,20399555	VS-70	1	-38,41359801	-12,14484186	VS-70	1
-38,42309966	-12,15337349	VS-250	1	-38,40186627	-12,14070514	VS-70	3
-38,42309966	-12,15337349	VS-70	1	-38,40091913	-12,20112181	VS-70	1
-38,40706206	-12,14211097	MV-250	1	-38,39748934	-12,15194075	VS-70	1
-38,42161215	-12,13779215	MV-400	1	-38,42228637	-12,13050697	VS-250	1
-38,41554379	-12,11418365	VS-70	1	-38,42228637	-12,13050697	VS-250	1
-38,413623	-12,15402844	VS-150	1	-38,47452452	-12,26955139	VS-70	1
-38,52621814	-12,18599215	VS-70	1	-38,41390799	-12,14506353	VS-70	1
-38,52621814	-12,18599215	MV-250	1	-38,45375479	-12,15291704	VS-70	1
-38,41798639	-12,12988362	VS-150	1	-38,32839108	-12,17891801	VS-70	1
-38,41729582	-12,12843838	VS-150	1	-38,36164237	-12,05108322	MT-250	1
-38,44198812	-12,12731374	VS-250	1	-38,42420189	-12,13916185	VS-250	1
-38,42164802	-12,14879023	MV-400	1	-38,45275317	-12,13901205	MV-250	1
-38,37406583	-12,10548997	VS-70	1	-38,4414565	-12,13149709	VS-70	1
-38,43663313	-12,12975205	VS-250	1	-38,3406144	-12,15582308	VS-70	1
-38,42310849	-12,12385343	VS-70	1	-38,37707814	-11,97062265	MV-400	4
-38,39668125	-12,14732172	VS-70	1	-38,34368096	-12,03207314	VS-70	1
-38,44113805	-12,14100205	VS-70	1	-38,402135	-11,96287297	VS-70	1
-38,4189236	-12,19602076	VS-70	2	-38,37499477	-11,98524091	VS-70	1
-38,41107959	-12,21096953	VS-70	1	-38,3770459	-11,96024437	VS-70	1
-38,41290099	-12,22685596	VS-70	1	-38,37274471	-11,98540022	VS-70	1
-38,49496124	-12,27029142	VS-70	1	-38,37748111	-11,98184151	VS-70	1
-38,41207463	-12,15423346	VS-70	1	-38,39117659	-11,94138638	VS-70	1
-38,40738297	-12,1227486	VS-70	1	-38,37671412	-11,96033946	VS-70	1
-38,42390451	-12,1294293	VS-250	1	-38,4038661	-11,93965874	VS-70	1
-38,41605137	-12,12760694	VS-250	1	-38,4038661	-11,93965874	VS-250	1
-38,41605137	-12,12760694	MV-250	1	-38,43950029	-11,93372852	VS-70	1
-38,41762807	-12,12196197	VS-70	1	-38,37842803	-12,04605887	VS-70	1
-38,43351809	-12,14749026	VS-250	1	-38,39414991	-11,94249303	VS-70	1
-38,43739145	-12,12697376	VS-70	1	-38,41795203	-11,95153698	VS-70	1
-38,41847141	-12,1254103	MV-250	1	-38,38883325	-11,94133296	VS-70	1
-38,41847141	-12,1254103	MV-250	1	-38,34832451	-12,03540043	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,43690642	-12,12262541	VS-70	1	-38,38747814	-11,99187256	VS-70	1
-38,43109637	-12,15047362	VS-250	1	-38,38747814	-11,99187256	VS-250	1
-38,42027308	-12,11682376	VS-70	1	-38,46722219	-11,94396693	VS-70	1
-38,40800533	-12,13169997	VS-70	1	-38,47218222	-11,95007356	VS-70	1
-38,41441301	-12,14309524	MV-250	1	-38,34922626	-11,97764246	VS-70	1
-38,43067307	-12,15259522	VS-250	1	-38,41948172	-12,00466599	VS-70	1
-38,43067307	-12,15259522	MV-400	2	-38,37802282	-11,95794109	VS-250	1
-38,43067307	-12,15259522	MV-400	2	-38,37274471	-11,98976752	VS-70	1
-38,48203716	-12,23115154	VS-70	1	-38,37747475	-11,97999592	VS-70	1
-38,43480478	-12,12836539	MV-250	1	-38,40910501	-11,96679958	VS-70	1
-38,43338814	-12,11854376	MV-250	1	-38,36255567	-11,98967389	VS-70	1
-38,40616998	-12,14157455	VS-250	1	-38,41193178	-11,94300646	VS-70	1
-38,42389469	-12,15074517	VS-70	1	-38,40670507	-11,93710651	VS-70	1
-38,41657967	-12,1276303	MV-250	1	-38,40053335	-11,94268645	VS-70	1
-38,43095799	-12,15069525	VS-250	1	-38,39411155	-11,9449047	VS-70	1
-38,4926469	-12,2057569	VS-70	1	-38,38936985	-11,94562292	VS-70	1
-38,40429458	-12,14253346	MV-250	1	-38,37758246	-11,95752234	VS-250	1
-38,43069642	-12,11819873	MV-250	1	-38,40425664	-11,94022143	VS-70	1
-38,41986635	-12,15684159	MV-250	1	-38,40099829	-11,94718306	VS-70	1
-38,41986635	-12,15684159	VS-70	1	-38,35308996	-11,99339275	VS-70	1
-38,41211256	-12,1014827	MV-250	1	-38,4212447	-12,12952697	MV-250	1
-38,41742633	-12,14158022	MV-250	1	-38,40360957	-12,15293675	VS-70	1
-38,45470648	-12,15365533	VS-70	1	-38,4259297	-12,13890363	MV-400	1
-38,43224148	-12,10828718	VS-70	1	-38,42620428	-12,12937678	VS-70	1
-38,43210244	-12,2195383	VS-70	1	-38,41741995	-12,1246572	VS-70	1
-38,43210244	-12,2195383	VS-70	1	-38,33842784	-12,21520033	VS-70	1
-38,40590109	-12,23259293	VS-70	1	-38,41210303	-12,24132298	FL-85	1
-38,43587974	-12,14613199	VS-70	1	-38,41206135	-12,13243857	VS-250	1
-38,41760704	-12,14341216	MV-250	1	-38,41458464	-12,15081846	VS-250	1
-38,41767638	-12,12866366	VS-70	1	-38,42735563	-12,12692841	VS-70	1
-38,40402001	-11,93663315	VS-70	1	-38,43965813	-12,12820374	VS-70	1
-38,41979639	-12,13898856	MV-250	1	-38,40469889	-12,02501423	VS-70	1
-38,40000043	-12,13268383	VS-70	1	-38,41742143	-12,12519866	MV-250	1
-38,41492797	-12,14269191	MV-250	1	-38,41350466	-12,12637199	VS-70	1
-38,38500152	-11,95689948	VS-70	1	-38,41345801	-12,14750356	VS-250	1
-38,42677305	-12,1445369	VS-250	1	-38,43849396	-12,14027227	MV-250	1
-38,4295115	-12,10395716	VS-70	1	-38,4031341	-12,12389111	MV-250	1
-38,44631322	-12,11190353	MV-250	1	-38,4031341	-12,12389111	MV-250	1
-38,41738968	-12,14942181	VS-250	1	-38,42293634	-12,1363886	MV-400	1
-38,43355479	-12,11820875	MV-250	1	-38,39886517	-12,14283703	VS-70	1
-38,44496195	-12,13713151	VS-250	1	-38,40518127	-12,13170526	MV-250	1
-38,44496195	-12,13713151	VS-70	1	-38,37712021	-12,13496463	VS-70	1
-38,42596133	-12,14872854	MV-400	2	-38,43113636	-12,14374194	VS-150	1
-38,47089822	-12,14758878	VS-70	1	-38,40510635	-12,12533694	VS-250	1
-38,40112725	-12,20533801	VS-70	1	-38,42474099	-12,13862611	MV-400	1
-38,41253165	-11,97898116	VS-70	1	-38,42474099	-12,13862611	VS-250	1
-38,4002236	-12,13206523	VS-70	1	-38,41590773	-12,11903534	VS-70	1
-38,44672864	-12,13045144	VS-150	1	-38,41620806	-12,11885201	MV-250	1
-38,43160145	-12,11699714	VS-250	1	-38,40776961	-12,13728352	MV-250	2
-38,43191004	-12,12299634	VS-150	1	-38,37688806	-11,95991105	VS-70	1
-38,41841999	-12,00468939	VS-70	1	-38,39910224	-12,00251712	VS-70	1
-38,43274972	-12,13161207	MV-250	1	-38,41229049	-12,11982539	VS-70	1
-38,41167969	-12,12865862	VS-150	1	-38,43301311	-12,13345205	VS-250	1
-38,40348294	-12,12744187	MV-250	1	-38,42963146	-12,10500053	VS-70	1
-38,41293282	-12,24079962	VS-70	1	-38,411218	-12,14862514	MV-250	1
-38,39892613	-12,22368128	VS-70	1	-38,45378495	-12,13899315	MV-250	1
-38,41104306	-12,12716858	VS-250	1	-38,46400221	-12,13929671	VS-70	1
-38,40885344	-12,12624171	MV-250	1	-38,41452963	-12,1556185	MV-250	1
-38,3993623	-12,14035732	MV-250	1	-38,39095654	-11,95821786	VS-70	1
-38,43631973	-12,14402033	VS-250	1	-38,42101857	-12,14055001	MV-250	1
-38,42880125	-12,12989859	VS-250	1	-38,47626631	-12,21898505	MV-250	1
-38,40008795	-12,11890864	VS-70	1	-38,47626631	-12,21898505	VS-70	1
-38,44464477	-12,12933714	VS-250	1	-38,43401671	-12,23497622	VS-70	1
-38,43978358	-12,14575281	VS-250	1	-38,41905969	-12,12759028	VS-70	1
-38,44642393	-12,14042894	VS-70	1	-38,43097637	-12,13643363	VS-250	1
-38,40980783	-12,12558962	VS-70	1	-38,43100784	-12,22584814	VS-150	1
-38,44575825	-12,1265862	VS-70	1	-38,43100784	-12,22584814	MV-400	6

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,4118263	-12,15479848	VS-70	1	-38,43100784	-12,22584814	VS-70	1
-38,4157772	-12,12418764	VS-70	1	-38,43100784	-12,22584814	MV-250	1
-38,47215012	-12,13810842	VS-70	1	-38,40580133	-12,11880531	VS-70	1
-38,41237965	-12,16527429	MV-250	1	-38,42035807	-12,130717	VS-70	1
-38,40574635	-12,12586864	MV-250	1	-38,41606163	-12,12678471	VS-70	2
-38,42293967	-12,15141019	VS-70	1	-38,43811717	-12,24414757	VS-70	2
-38,42185969	-12,13538196	MV-400	1	-38,45942982	-12,15599364	MV-250	1
-38,44592534	-12,14369917	VS-150	1	-38,40004233	-12,13031724	MV-250	1
-38,48015457	-12,23730994	MV-250	1	-38,43459305	-12,142937	VS-250	1
-38,44266315	-12,11464882	VS-70	1	-38,42614281	-12,25495121	MV-250	1
-38,40236796	-12,13746017	VS-150	1	-38,42614281	-12,25495121	VS-70	1
-38,45928256	-12,25399619	VS-70	1	-38,39886006	-12,15017519	VS-70	1
-38,41907296	-12,19386587	VS-70	1	-38,39886006	-12,15017519	MV-250	1
-38,40054263	-12,15581023	VS-70	1	-38,36451527	-12,12928333	VS-70	1
-38,44703335	-12,13126537	VS-70	1	-38,40986302	-12,12857105	MV-250	1
-38,35153608	-12,19050794	VS-70	1	-38,3985573	-12,14222153	VS-70	1
-38,41280474	-12,12355696	VS-250	1	-38,40238232	-12,15569248	VS-70	1
-38,41280474	-12,12355696	VS-70	1	-38,44566479	-12,12653544	MV-250	1
-38,47586136	-12,21704832	VS-70	1	-38,42484133	-12,1429969	VS-250	1
-38,42097977	-12,123762	VS-70	1	-38,43740477	-12,14193035	VS-70	1
-38,38950745	-12,12916073	VS-70	1	-38,4023896	-12,13391017	VS-70	1
-38,40917917	-12,11901198	VS-70	1	-38,4434198	-12,12604711	VS-250	1
-38,41604806	-12,12570029	VS-70	1	-38,41357658	-12,11087685	VS-70	1
-38,4166663	-12,13300532	MV-250	1	-38,37479968	-12,02653733	VS-70	1
-38,44286092	-12,11116286	MV-250	1	-38,44430106	-12,15671685	VS-70	1
-38,423208	-12,13700695	MV-400	1	-38,41297896	-12,1161168	VS-70	1
-38,43094641	-12,14086866	MV-250	1	-38,44526327	-12,15856665	VS-70	1
-38,40389126	-12,14023348	MV-250	1	-38,4143604	-12,1296227	VS-250	1
-38,42926481	-12,14330775	VS-250	1	-38,41773462	-12,15182848	MV-250	1
-38,42222234	-12,12744253	VS-70	1	-38,40662298	-12,14260184	MV-250	1
-38,40438129	-12,13990351	MV-250	1	-38,39826236	-12,1409792	VS-70	1
-38,41404132	-12,15615351	VS-70	1	-38,39826236	-12,1409792	LD-150	1
-38,411798	-12,12302865	VS-70	1	-38,44925144	-12,14299374	VS-150	1
-38,411798	-12,12302865	MV-400	1	-38,42856121	-12,22698642	VS-70	1
-38,411798	-12,12302865	MV-250	1	-38,52861983	-12,18279555	VS-70	1
-38,42915145	-12,11745374	VS-250	1	-38,42784974	-12,13258533	MV-250	1
-38,41863812	-12,10160544	VS-70	1	-38,43398643	-12,1376887	VS-250	1
-38,41863812	-12,10160544	VS-70	1	-38,43398643	-12,1376887	MV-250	1
-38,41863812	-12,10160544	VS-70	1	-38,48462572	-12,13855215	VS-70	1
-38,41863812	-12,10160544	VS-70	1	-38,42370977	-12,11807536	VS-70	1
-38,41863812	-12,10160544	VS-70	1	-38,43477786	-12,2322331	VS-70	1
-38,407558	-12,12741691	MV-250	1	-38,48831645	-12,17355369	VS-70	1
-38,407558	-12,12741691	VS-70	1	-38,39639623	-12,14288509	VS-70	1
-38,48920769	-12,23355532	VS-70	1	-38,49039313	-12,16984203	VS-70	1
-38,41978778	-12,13527606	VS-250	2	-38,425328	-12,13781395	VS-400	1
-38,43140468	-12,15394359	VS-250	1	-38,41029636	-12,13823853	MV-250	1
-38,44496928	-12,15252406	VS-250	1	-38,44441392	-12,13754776	VS-70	2
-38,42949876	-12,14412673	VS-250	1	-38,29399119	-12,07996744	VS-70	1
-38,42326281	-12,25452619	VS-70	1	-38,49509297	-12,23160337	VS-70	2
-38,39772462	-12,14627675	VS-70	1	-38,41457468	-12,12209531	VS-250	1
-38,43345167	-12,04573588	VS-70	1	-38,42708909	-12,15291854	VS-70	1
-38,41722812	-12,11227039	MV-250	1	-38,38734378	-12,16015339	VS-70	1
-38,41722812	-12,11227039	VS-70	1	-38,40012798	-12,14731448	VS-70	1
-38,41396495	-12,12184431	VS-70	1	-38,44907484	-12,12581262	VS-70	1
-38,41396495	-12,12184431	VS-250	1	-38,44980048	-12,12510353	VS-70	1
-38,39987518	-12,12430857	MV-250	1	-38,43418815	-12,12036213	VS-150	1
-38,3910662	-12,12178214	VS-70	1	-38,36298279	-12,18287976	VS-150	1
-38,39658791	-12,14586673	MV-250	1	-38,40806975	-12,12425996	VS-150	1
-38,42399137	-12,13325196	VS-70	1	-38,43138812	-12,11969541	MV-250	1
-38,42399137	-12,13325196	MV-250	1	-38,43615138	-12,13635035	MV-250	1
-38,40535626	-12,14415849	MV-250	1	-38,404028	-12,1292102	VS-70	1
-38,41679134	-12,12809532	MV-400	1	-38,46116148	-12,1404138	MV-250	1
-38,41648058	-12,13407713	MV-250	1	-38,43746969	-12,14573029	MV-250	1
-38,42992632	-12,15251859	MV-250	1	-38,42249762	-12,19602373	VS-70	1
-38,35473286	-12,08701023	VS-70	1	-38,28138738	-11,96304743	VS-70	1
-38,42798429	-12,13420474	VS-400	1	-38,43842455	-12,14067597	MV-250	1
-38,42798429	-12,13420474	VS-250	1	-38,41998195	-12,15663664	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,4288428	-12,20601024	VS-70	1	-38,41998195	-12,15663664	VS-250	1
-38,40991473	-12,11202036	VS-70	1	-38,42832784	-12,24791464	VS-70	1
-38,42891804	-12,14952523	MV-250	1	-38,3577117	-12,19511883	VS-70	1
-38,41694968	-12,14508358	MV-250	1	-38,42010132	-12,1950775	VS-70	1
-38,41694968	-12,14508358	MV-250	1	-38,40783811	-12,12744239	VS-250	1
-38,42824473	-12,13444696	VS-250	1	-38,45327031	-12,25298213	VS-70	1
-38,43555647	-12,13354036	VS-250	1	-38,42936643	-12,11849879	MV-250	1
-38,50996648	-12,19051207	VS-70	1	-38,45949485	-12,13713211	VS-70	1
-38,50738153	-12,18126043	VS-70	1	-38,41319448	-12,12694092	VS-70	1
-38,50738153	-12,18126043	MV-250	1	-38,4404219	-12,14606841	VS-250	1
-38,45334977	-12,14692037	MV-400	1	-38,40325873	-12,12455052	VS-150	1
-38,42326804	-12,13841857	MV-400	1	-38,52337824	-12,19258258	VS-70	1
-38,4096947	-12,11182532	VS-70	1	-38,43361973	-12,12752539	VS-70	1
-38,41097921	-12,12963375	MV-250	1	-38,40946635	-12,12886361	VS-70	1
-38,3580277	-12,21075119	VS-70	1	-38,41022787	-12,11884414	VS-70	2
-38,45466478	-12,13903711	MV-250	1	-38,41812813	-12,09230719	VS-70	1
-38,41406126	-12,15468011	VS-70	1	-38,41823797	-12,1773367	VS-70	1
-38,41345464	-12,14885684	VS-250	1	-38,37459955	-12,13458651	VS-70	1
-38,4376314	-12,14261862	VS-400	3	-38,42291206	-12,12422561	MV-250	1
-38,4123432	-12,1342173	VS-250	1	-38,41673294	-12,13104848	VS-70	1
-38,50080635	-12,21538846	VS-70	1	-38,4293812	-12,22281482	VS-70	1
-38,40667299	-12,13824779	MV-250	1	-38,43333951	-12,22672978	MV-250	1
-38,39580298	-12,11360864	VS-70	1	-38,43333951	-12,22672978	VS-70	1
-38,44216481	-12,11434552	VS-70	1	-38,40455797	-12,13396851	MV-250	1
-38,42199477	-12,12467034	VS-70	1	-38,41254777	-12,13881353	VS-250	1
-38,42176138	-12,1263887	VS-70	1	-38,4215264	-12,12966033	VS-250	1
-38,43148963	-12,19876392	VS-70	1	-38,43940317	-12,12303208	MV-250	1
-38,4304914	-12,13841534	MV-250	1	-38,43940317	-12,12303208	VS-70	1
-38,43519815	-12,12986374	VS-70	1	-38,33664776	-12,1810908	VS-70	1
-38,39994874	-12,14233408	VS-70	1	-38,41564803	-12,22729606	VS-70	1
-38,38932018	-12,12742	VS-70	1	-38,41266801	-12,12675364	VS-70	1
-38,44497065	-12,11358416	MV-250	1	-38,39923967	-12,13317184	VS-70	1
-38,446198	-12,11382839	VS-250	1	-38,41368623	-12,13218893	VS-250	1
-38,44605562	-12,12979995	VS-150	1	-38,41934058	-12,14465428	MV-250	1
-38,40834634	-12,14446015	MV-250	1	-38,41934058	-12,14465428	VS-70	1
-38,41994137	-12,12427702	MV-250	1	-38,45510807	-12,15513701	MV-250	1
-38,44203484	-12,11486219	VS-70	1	-38,43682633	-12,13329755	VS-250	1
-38,44763807	-12,14534701	VS-70	1	-38,44870917	-12,12629622	VS-70	1
-38,42008305	-12,134017	VS-70	1	-38,44738552	-12,126543	VS-70	1
-38,4389848	-12,13666534	MV-250	1	-38,42285663	-12,13336574	MV-250	1
-38,43115467	-12,15269858	VS-250	1	-38,41389136	-12,14539352	VS-70	1
-38,39905267	-12,14411398	VS-70	1	-38,42598469	-12,14352524	VS-250	1
-38,40340964	-12,12973187	MV-250	1	-38,40469488	-12,13175138	VS-70	1
-38,41967469	-12,13486865	MV-250	2	-38,40469488	-12,13175138	VS-70	1
-38,43213152	-12,14033132	VS-70	1	-38,4434598	-12,1272571	VS-150	1
-38,4086611	-12,24792122	VS-70	1	-38,42167057	-12,13736836	VS-400	1
-38,4937863	-12,23198832	VS-70	2	-38,40101225	-12,13557152	VS-70	1
-38,3613495	-12,16486634	VS-70	1	-38,41828466	-12,13284691	MV-250	1
-38,41787809	-12,12828867	MV-250	1	-38,40168241	-12,12634607	VS-70	1
-38,41787809	-12,12828867	VS-150	1	-38,49792948	-12,17229136	VS-70	1
-38,41432297	-12,14383022	VS-70	1	-38,43760482	-12,12746542	VS-70	1
-38,41851801	-12,13935195	VS-250	1	-38,4368764	-12,14081364	VS-250	1
-38,41922794	-12,1395305	VS-250	1	-38,44311649	-12,13131379	VS-70	2
-38,4190688	-12,14895324	VS-250	1	-38,43501308	-12,14335695	MV-250	1
-38,4190688	-12,14895324	VS-250	1	-38,43501308	-12,14335695	LD-12	1
-38,40435297	-12,13241358	VS-70	1	-38,42167478	-12,12293201	VS-70	1
-38,41199161	-12,12550709	VS-70	1	-38,42167478	-12,12293201	MV-250	1
-38,4365281	-12,13184041	VS-150	1	-38,44412173	-12,14608815	VS-70	1
-38,4365281	-12,13184041	MV-250	1	-38,44330315	-12,12571882	VS-250	1
-38,42968309	-12,13308537	VS-250	1	-38,40621218	-12,13134214	MV-250	1
-38,43594811	-12,13521707	VS-250	1	-38,40258809	-12,12776451	VS-150	1
-38,38623237	-12,11639472	MV-250	1	-38,4129197	-12,1215753	VS-70	1
-38,42550559	-12,12337762	MV-400	1	-38,4011763	-12,14693014	MV-250	1
-38,41307963	-12,14479523	VS-250	1	-38,39990375	-12,13384279	VS-150	1
-38,41359505	-12,13144834	MV-250	1	-38,39998405	-12,13897256	VS-70	1
-38,45447544	-12,15106105	VS-70	1	-38,28602641	-12,1035218	VS-70	1
-38,39855709	-12,12826686	MV-250	1	-38,42116302	-12,12319539	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,3962114	-12,12964514	MV-250	1	-38,42792129	-12,1531641	MV-250	1
-38,39710229	-12,14298728	MV-400	1	-38,44041483	-12,1356597	VS-70	1
-38,4126664	-12,11515706	MV-250	1	-38,41627298	-12,15323019	VS-70	1
-38,47206919	-12,13616575	VS-70	1	-38,41627298	-12,15323019	VS-250	1
-38,39327222	-12,13966689	VS-400	1	-38,41724054	-12,14973339	VS-250	1
-38,39327222	-12,13966689	MV-250	1	-38,40675798	-12,1257303	MV-250	1
-38,39327222	-12,13966689	MV-250	1	-38,40274294	-12,13987515	VS-150	1
-38,39327222	-12,13966689	MV-250	2	-38,4353329	-12,20032922	VS-70	1
-38,44869618	-12,13948797	VS-70	1	-38,32783936	-12,16993806	VS-70	1
-38,44332373	-12,15310806	VS-70	1	-38,42759454	-12,13912284	MV-250	1
-38,42364641	-12,13595861	VS-400	1	-38,43918807	-12,13986866	VS-250	1
-38,44549147	-12,13563536	VS-250	1	-38,43918807	-12,13986866	VS-250	1
-38,43030969	-12,13818533	VS-250	1	-38,43877479	-12,14205868	VS-250	1
-38,43260383	-12,12204145	VS-150	1	-38,41892005	-12,14484986	MV-250	1
-38,436855	-12,0446542	VS-70	1	-38,42415473	-12,13305494	VS-150	1
-38,40266914	-12,22282927	VS-70	1	-38,35735649	-12,20252008	VS-150	1
-38,41001469	-12,13591359	VS-250	1	-38,42694581	-12,12670222	VS-70	1
-38,44298409	-12,14869142	VS-250	1	-38,42694581	-12,12670222	MV-400	1
-38,40923542	-12,15516361	MV-250	1	-38,4823831	-12,13884862	VS-70	1
-38,41799074	-12,12117093	VS-150	1	-38,41970345	-12,14314478	MV-250	1
-38,40118989	-12,12665777	VS-70	1	-38,44033155	-12,13798279	MV-250	1
-38,43864979	-12,12823039	VS-150	1	-38,44517979	-12,12557042	VS-250	1
-38,41402805	-12,12785199	VS-70	1	-38,36316284	-12,12924669	VS-70	1
-38,42262549	-12,13457762	VS-250	1	-38,38205638	-12,13628903	VS-70	1
-38,43240643	-12,13618371	VS-250	1	-38,37626865	-12,11074037	VS-70	1
-38,39973645	-12,14372516	VS-70	1	-38,36836452	-12,0923519	VS-70	1
-38,42374473	-12,13662031	MV-400	1	-38,39178723	-12,13357634	VS-70	1
-38,42784985	-12,20627032	VS-70	1	-38,37690121	-12,10487686	VS-70	1
-38,4395398	-12,13795373	MV-250	1	-38,32538391	-12,10891167	VS-70	1
-38,43139315	-12,12316372	VS-70	1	-38,36903953	-12,13507836	VS-70	1
-38,43139315	-12,12316372	MT-250	1	-38,29774645	-12,03366539	VS-70	1
-38,41087745	-12,11876951	VS-70	1	-38,30074801	-12,04051537	VS-70	1
-38,48029627	-12,23796157	VS-70	1	-38,30852794	-12,11865668	VS-70	1
-38,43842146	-12,12247881	VS-250	1	-38,32490224	-12,10885944	VS-70	1
-38,42922642	-12,13311035	MV-250	1	-38,36232942	-12,09370878	VS-70	1
-38,45505221	-12,15023658	MV-250	1	-38,38800791	-12,14558843	VS-70	1
-38,45505221	-12,15023658	VS-70	1	-38,39183298	-12,13206684	MV-250	1
-38,39706794	-12,14498014	VS-70	1	-38,29707971	-12,03703037	VS-70	1
-38,40046485	-12,14295797	VS-70	1	-38,36682953	-12,13493	VS-70	1
-38,45153478	-12,15375695	MV-250	1	-38,3016114	-12,04047205	VS-70	1
-38,41429298	-12,14652684	VS-70	1	-38,37077297	-12,04752388	VS-70	1
-38,42215999	-12,13661615	VS-400	1	-38,36907624	-12,09908353	VS-70	1
-38,419309	-12,14365439	MV-250	1	-38,39076756	-12,11299831	VS-70	1
-38,34098107	-12,1655264	VS-70	1	-38,39076756	-12,11299831	MV-250	1
-38,41907975	-12,13068863	VS-250	1	-38,39067122	-12,1348685	VS-70	1
-38,42772644	-12,1028955	VS-70	1	-38,37288911	-12,10483215	VS-150	1
-38,40665313	-12,13966603	MV-250	1	-38,3670278	-12,13575998	VS-70	1
-38,39944964	-12,13288689	VS-70	1	-38,35067111	-12,12854828	VS-70	1
-38,41815404	-12,14780469	VS-250	1	-38,36693282	-12,13537005	VS-70	1
-38,42246136	-12,15191854	VS-250	1	-38,40547608	-11,93598768	VS-70	1
-38,43755423	-12,12386588	MV-250	1	-38,42183053	-12,16261397	VS-70	1
-38,40730187	-12,13407937	VS-70	1	-38,42183053	-12,16261397	MV-400	1
-38,39633066	-12,12875845	MV-250	1	-38,44584994	-12,14144598	VS-70	1
-38,4727465	-12,21582629	VS-70	1	-38,37346192	-12,10822347	VS-70	1
-38,43343978	-12,13570704	VS-250	1	-38,44350639	-12,14298703	VS-250	1
-38,41824418	-12,15472618	VS-70	1	-38,44350639	-12,14298703	VS-70	1
-38,41526719	-12,14241557	MV-250	1	-38,30124473	-12,04014865	VS-70	1
-38,40733343	-12,12855888	VS-70	1	-38,38146527	-12,1039142	VS-70	1
-38,40733343	-12,12855888	MV-250	1	-38,36500964	-12,04905209	VS-70	1
-38,42921141	-12,14525358	VS-70	1	-38,36097123	-12,09203026	VS-70	1
-38,45211385	-12,14835484	VS-150	1	-38,41439273	-12,10851665	VS-250	1
-38,4289414	-12,13296368	MV-250	1	-38,41439273	-12,10851665	VS-70	1
-38,4289414	-12,13296368	VS-70	1	-38,4219893	-12,13529418	MV-400	1
-38,4289414	-12,13296368	VS-250	1	-38,3965045	-12,13989933	VS-70	1
-38,44530983	-12,12583045	VS-250	1	-38,4376692	-12,17414472	VS-70	1
-38,44303804	-12,14880866	VS-250	1	-38,41791473	-12,1352287	MV-400	1
-38,42527636	-12,13194366	VS-250	1	-38,41791473	-12,1352287	VS-150	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,3640532	-12,09339631	VS-70	1	-38,41791473	-12,1352287	VS-250	6
-38,42524651	-12,0805923	VS-70	1	-38,39893353	-12,13954247	VS-150	1
-38,46646873	-12,13841268	VS-70	1	-38,42014674	-12,151799	VS-400	1
-38,4174063	-12,1536735	VS-400	1	-38,42014674	-12,151799	MV-250	1
-38,4174063	-12,1536735	MV-250	1	-38,48344919	-12,20623493	VS-70	1
-38,4162713	-12,14520016	VS-70	1	-38,41917397	-12,12317129	MV-250	1
-38,39329795	-12,1107936	VS-70	1	-38,43057544	-12,13650275	MV-250	1
-38,39768294	-12,15401007	VS-70	1	-38,43057544	-12,13650275	VS-250	1
-38,40405463	-12,12665854	MV-250	1	-38,40939293	-12,15513181	MV-250	1
-38,4107475	-12,13359549	VS-250	1	-38,41838468	-12,1435219	MV-250	1
-38,4107475	-12,13359549	VS-70	1	-38,41838468	-12,1435219	MV-250	1
-38,41609632	-12,13239357	VS-70	1	-38,41838468	-12,1435219	VS-250	1
-38,43601638	-12,13793866	MV-250	2	-38,41664303	-12,12538203	VS-70	1
-38,43325148	-12,12155529	VS-150	1	-38,41488114	-12,20912978	VS-70	1
-38,43325148	-12,12155529	MV-400	1	-38,44202228	-12,11590649	VS-70	1
-38,43325148	-12,12155529	VS-70	1	-38,43012467	-12,15191525	VS-250	1
-38,41074136	-12,12638527	VS-70	1	-38,42755643	-12,13197366	VS-250	1
-38,45653312	-12,1557103	VS-250	1	-38,46222982	-12,15593032	VS-250	1
-38,43293783	-12,1341237	VS-250	1	-38,46222982	-12,15593032	MV-250	1
-38,41908307	-12,1215837	MV-250	1	-38,46222982	-12,15593032	VS-70	1
-38,41908307	-12,1215837	VS-70	1	-38,40217794	-12,13689514	VS-150	1
-38,41908307	-12,1215837	VS-70	1	-38,40217794	-12,13689514	MV-250	1
-38,44261711	-12,1364531	VS-70	2	-38,44208431	-12,14290175	VS-250	1
-38,44483138	-12,15943575	VS-70	1	-38,41194467	-12,1249153	VS-70	1
-38,4056089	-12,1224367	VS-70	1	-38,42296307	-12,12473377	VS-70	1
-38,40115632	-12,13448349	VS-150	1	-38,45306573	-12,15779182	VS-70	1
-38,40115632	-12,13448349	MV-250	1	-38,40146616	-12,19800313	VS-70	1
-38,43765308	-12,13817036	MV-250	1	-38,42797893	-12,12287414	VS-70	2
-38,42758309	-12,13937527	MV-250	1	-38,42618136	-12,14906358	VS-400	1
-38,41239138	-12,10207713	VS-70	1	-38,43419973	-12,13611864	MV-250	1
-38,46403151	-12,13939882	VS-70	1	-38,44492476	-12,15270439	VS-70	1
-38,44610815	-12,14140885	VS-70	1	-38,43886535	-11,93393017	VS-70	1
-38,43566971	-12,14427365	VS-70	1	-38,39333048	-12,12114529	VS-70	1
-38,43566971	-12,14427365	VS-250	1	-38,41514429	-12,11508199	VS-70	1
-38,41158306	-12,12765365	VS-70	1	-38,50769464	-12,19171366	VS-150	1
-38,46090946	-12,26349136	VS-70	1	-38,41818805	-12,12820864	VS-70	1
-38,43813697	-11,93406348	VS-70	1	-38,40021683	-12,14092793	VS-70	1
-38,40117979	-12,12863282	MV-250	1	-38,4425446	-12,12787625	MV-250	1
-38,43410645	-12,12144877	VS-150	1	-38,4425446	-12,12787625	MV-250	1
-38,40659629	-12,12964022	MV-250	1	-38,28919475	-12,11785004	VS-150	1
-38,46148614	-12,2533764	VS-70	1	-38,36691879	-12,09536925	VS-70	1
-38,41412164	-12,00532933	VS-70	1	-38,32630791	-12,10975903	VS-70	1
-38,38876169	-12,12891007	VS-70	1	-38,36821622	-12,09266354	VS-70	1
-38,44443193	-12,13033878	VS-250	1	-38,36782798	-12,05021549	VS-70	1
-38,43189761	-12,11702984	VS-250	1	-38,37269961	-12,10220354	VS-70	1
-38,43189761	-12,11702984	VS-400	1	-38,33123947	-12,03020749	VS-70	1
-38,44999338	-12,15324199	MV-70	1	-38,36447464	-12,04927383	VS-70	1
-38,44714941	-12,13126542	VS-70	1	-38,40690692	-12,15544945	VS-70	1
-38,47788118	-12,27062302	VS-70	1	-38,41170964	-12,16571341	MV-250	1
-38,39998996	-12,14419407	VS-70	1	-38,41170964	-12,16571341	VS-400	1
-38,39998996	-12,14419407	MV-250	1	-38,37383988	-12,10661878	VS-70	1
-38,41569465	-12,13689855	VS-250	1	-38,29784141	-12,03683207	FL-30	1
-38,49195489	-12,20596131	VS-70	1	-38,38675231	-12,11220712	VS-70	1
-38,45410478	-12,14168037	MV-250	1	-38,38675231	-12,11220712	MV-250	1
-38,4360347	-12,14569861	VS-70	1	-38,36159455	-12,09495311	VS-70	1
-38,41829463	-12,14860351	VS-250	1	-38,38139006	-12,10563552	VS-70	1
-38,43781313	-12,13604371	MV-250	1	-38,37837552	-12,10665598	VS-70	1
-38,4454321	-12,12408903	VS-70	1	-38,37837552	-12,10665598	VS-250	1
-38,43863475	-12,12711876	VS-150	1	-38,31635619	-12,12056828	VS-150	1
-38,42263253	-12,15431466	VS-70	1	-38,3528845	-12,08521017	VS-70	1
-38,44631015	-12,12262353	VS-70	1	-38,38675459	-12,10886263	VS-70	1
-38,44705914	-12,12290694	VS-70	1	-38,36620954	-12,08971363	VS-70	2
-38,43679046	-12,13815771	MV-250	1	-38,41503233	-12,16344966	VS-250	1
-38,34591941	-12,16271975	VS-70	1	-38,41503233	-12,16344966	MV-250	1
-38,39813291	-12,1478968	MV-250	1	-38,38012302	-12,0460439	VS-70	1
-38,43131477	-12,13695363	MV-250	1	-38,3566545	-12,08869689	VS-70	1
-38,42560974	-12,13008865	VS-150	1	-38,35388453	-12,08609689	VS-70	2

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,42252805	-12,12860863	VS-250	1	-38,31365818	-12,09563752	VS-250	1
-38,41664803	-12,12778699	VS-150	1	-38,36886625	-12,09130027	VS-70	1
-38,41664803	-12,12778699	VS-70	1	-38,31906783	-12,12042327	VS-70	1
-38,41373806	-12,1213587	MV-250	1	-38,40762546	-12,12815403	VS-250	1
-38,41373806	-12,1213587	VS-150	1	-38,40762546	-12,12815403	MV-250	1
-38,41785008	-12,13317547	MV-250	1	-38,40762546	-12,12815403	VS-250	1
-38,41416303	-12,11339035	VS-70	1	-38,36129459	-12,0530554	VS-70	1
-38,37772648	-11,95841108	VS-70	1	-38,38864787	-12,1455717	VS-70	1
-38,43801286	-12,24680969	VS-70	1	-38,39668295	-12,15425673	VS-70	1
-38,43801286	-12,24680969	VS-70	1	-38,3923237	-12,14251052	MV-250	1
-38,41455306	-12,13106862	VS-250	1	-38,41391211	-12,1664364	VS-70	1
-38,43109102	-12,12893154	VS-70	1	-38,41467989	-12,16501614	VS-70	1
-38,41766827	-12,11726445	VS-70	1	-38,34861113	-12,12927995	VS-70	1
-38,43019137	-12,13911865	MV-250	1	-38,39919794	-12,1506201	VS-400	1
-38,42658174	-12,07320964	VS-70	1	-38,39919794	-12,1506201	VS-400	1
-38,43986451	-12,13704137	VS-70	1	-38,39919794	-12,1506201	VS-250	2
-38,42346966	-12,14699522	VS-250	4	-38,39919794	-12,1506201	VS-250	1
-38,44124988	-12,11541216	VS-70	1	-38,39919794	-12,1506201	VS-400	1
-38,40604355	-12,14667692	MV-250	1	-38,38166619	-12,13675178	VS-70	1
-38,40604355	-12,14667692	MV-400	1	-38,42772042	-12,13568449	VS-250	1
-38,41756639	-12,12129868	MV-250	1	-38,41708966	-12,14335193	MV-250	1
-38,40446127	-12,14002849	VS-250	1	-38,40419462	-12,13061687	MV-250	1
-38,41782829	-12,19641715	VS-70	1	-38,43528471	-12,14663029	VS-70	1
-38,40256127	-12,14234012	VS-70	1	-38,44157315	-12,12937375	MV-250	1
-38,38623237	-12,11639472	VS-70	1	-38,44157315	-12,12937375	VS-70	1
-38,43718147	-12,12029875	VS-150	1	-38,44083987	-12,1151238	VS-70	1
-38,48076789	-12,26164306	VS-70	1	-38,44083987	-12,1151238	LD-50	1
-38,41558607	-12,13218683	VS-250	1	-38,41804632	-12,1428367	VS-250	1
-38,41832798	-12,15062853	VS-250	1	-38,41795891	-12,13533426	MV-250	1
-38,415545	-12,15032415	VS-70	1	-38,40660632	-12,1229603	VS-70	1
-38,415545	-12,15032415	MV-250	1	-38,40534332	-12,14183018	MV-250	1
-38,42727511	-12,13859053	VS-150	1	-38,37797958	-12,13379511	VS-70	1
-38,42727511	-12,13859053	VS-250	1	-38,44580242	-12,11184805	MV-250	1
-38,4037896	-12,13354022	MV-250	1	-38,44105877	-12,11257126	VS-150	1
-38,4353631	-12,14503033	MV-400	1	-38,40082026	-12,12701395	VS-150	1
-38,40599592	-12,12286933	VS-70	1	-38,39991407	-12,12667828	VS-70	1
-38,4206314	-12,15662746	VS-70	1	-38,40036121	-12,12785263	VS-70	1
-38,43714474	-12,13974701	MV-250	1	-38,40038043	-12,12738492	VS-70	1
-38,39837847	-12,12999373	MV-250	1	-38,42453808	-12,14020359	VS-400	1
-38,39781287	-12,13023388	MV-250	1	-38,44111448	-12,1416295	VS-250	1
-38,45438806	-12,15293871	VS-70	1	-38,44727687	-12,140736	VS-70	1
-38,44153975	-12,13103877	VS-70	1	-38,43044717	-12,14791442	VS-70	1
-38,34342267	-12,21282945	MV-400	1	-38,43044717	-12,14791442	MV-250	1
-38,34351767	-12,21299445	MV-250	1	-38,41031463	-12,15032185	MV-250	1
-38,34012621	-12,21549356	VS-70	1	-38,35064601	-12,20361126	VS-70	1
-38,43583856	-12,19820219	VS-70	1	-38,40661132	-12,12802026	VS-70	1
-38,39877971	-12,13970403	MV-250	1	-38,40202629	-12,1230419	MV-250	1
-38,4117216	-12,00204263	VS-70	1	-38,41710028	-12,13789106	MV-400	1
-38,41690802	-12,12717697	MV-250	1	-38,41833208	-12,13766897	MV-400	1
-38,4013294	-12,13350307	VS-70	1	-38,41686636	-12,13189027	VS-70	1
-38,4013294	-12,13350307	MV-250	1	-38,28621308	-12,09864509	VS-250	1
-38,42354477	-12,10455547	VS-70	1	-38,38858129	-12,11392359	VS-70	1
-38,41510422	-12,21936488	VS-70	1	-38,40330295	-12,13583855	MV-250	1
-38,50117959	-12,20422261	VS-70	1	-38,42227733	-12,12688329	VS-70	1
-38,40788945	-12,24723951	VS-70	1	-38,40700462	-12,14696926	VS-70	1
-38,50215459	-12,24474	VS-70	1	-38,43850646	-12,1348837	VS-70	1
-38,40838795	-12,13611525	MV-250	1	-38,40218901	-12,12841476	VS-150	1
-38,4376351	-12,00789777	VS-70	1	-38,41180114	-12,22969131	VS-70	2
-38,41887887	-12,14796078	MV-250	1	-38,42178037	-12,13844762	MV-400	2
-38,4367914	-12,13918367	MV-250	1	-38,41106238	-12,11718026	VS-70	1
-38,43986976	-12,1340387	VS-250	1	-38,41651469	-12,14671517	VS-70	1
-38,44357139	-12,14596534	MV-250	1	-38,39961012	-12,1420678	VS-70	1
-38,43604927	-12,12824195	VS-70	1	-38,39961012	-12,1420678	MV-250	1
-38,43604927	-12,12824195	VS-250	1	-38,39961012	-12,1420678	MV-400	1
-38,40110528	-12,13731123	MV-250	1	-38,43202473	-12,13741199	MV-250	1
-38,493303	-12,23229171	VS-70	1	-38,44436385	-12,12711074	VS-150	1
-38,42030843	-12,13388225	VS-250	1	-38,44470642	-12,14640062	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,40953573	-12,13193513	VS-250	1	-38,39926206	-12,12691234	MV-150	1
-38,4098104	-12,15624422	VS-70	1	-38,49137135	-12,22866832	VS-70	1
-38,4098104	-12,15624422	MV-250	1	-38,4216197	-12,12240538	VS-70	1
-38,42166638	-12,14624519	VS-400	1	-38,4216197	-12,12240538	MV-250	1
-38,43352094	-12,11675312	VS-250	1	-38,42359141	-12,11781538	VS-70	1
-38,44781964	-12,16025806	MV-70	1	-38,42666466	-12,15420185	VS-70	1
-38,44695958	-12,16055076	VS-70	1	-38,40462134	-12,13570522	VS-70	1
-38,44709149	-12,15926959	VS-70	1	-38,50205473	-12,2165535	VS-70	1
-38,44620006	-12,15900977	VS-70	1	-38,50558484	-12,18675536	VS-250	1
-38,42920972	-12,14571693	VS-70	1	-38,50901813	-12,1935937	VS-250	1
-38,43217805	-12,14849692	VS-70	1	-38,41800606	-12,15666608	MV-250	1
-38,44373317	-12,12687876	VS-250	1	-38,41645469	-12,13119861	VS-70	1
-38,42012153	-12,14428391	VS-250	1	-38,42687977	-12,129212	VS-150	1
-38,40798802	-12,13799019	VS-250	1	-38,42456767	-12,14443056	MV-250	1
-38,47009814	-12,14809547	VS-70	1	-38,42586822	-12,14811556	MV-250	1
-38,40976613	-12,24496619	VS-250	1	-38,42586822	-12,14811556	VS-250	1
-38,40976613	-12,24496619	VS-70	1	-38,49277821	-12,16842378	VS-70	1
-38,42984981	-12,11622377	MV-250	1	-38,43497476	-12,11773712	MV-250	1
-38,38362461	-12,10891026	MV-400	1	-38,4395764	-12,13832703	MV-250	1
-38,43977143	-12,13102044	VS-250	1	-38,41726638	-12,12163701	MV-250	1
-38,43166146	-12,13250698	VS-250	1	-38,41428117	-12,21565145	VS-70	1
-38,43539148	-12,12795869	MV-250	1	-38,44240475	-12,14522363	MV-250	2
-38,43094638	-12,13248864	VS-250	1	-38,44055641	-12,1439787	MV-250	1
-38,43094638	-12,13248864	VS-250	1	-38,45427312	-12,14201374	MV-250	1
-38,42580972	-12,12289534	VS-70	1	-38,51065645	-12,19063537	VS-70	1
-38,42580972	-12,12289534	VS-400	1	-38,44418152	-12,12936044	VS-250	1
-38,42580972	-12,12289534	VS-70	1	-38,44418152	-12,12936044	VS-250	1
-38,41987975	-12,12480367	MV-250	1	-38,41667265	-12,14406652	MV-250	1
-38,42860642	-12,13333696	VS-250	1	-38,40709636	-12,11785532	MV-250	2
-38,43047812	-12,11880209	MV-250	1	-38,40709636	-12,11785532	VS-70	1
-38,4117814	-12,12212366	VS-70	1	-38,40669633	-12,11812699	VS-70	1
-38,41161301	-12,11370207	MV-250	1	-38,43124968	-12,15299689	MV-250	1
-38,3737697	-12,02729392	VS-70	1	-38,40034237	-12,13602011	VS-150	1
-38,42123642	-12,13072368	MV-250	1	-38,4151047	-12,14146355	VS-400	4
-38,42123642	-12,13072368	VS-70	1	-38,4151047	-12,14146355	VS-250	1
-38,4268447	-12,14581526	MV-250	1	-38,37793292	-11,95465455	VS-250	1
-38,42074666	-12,14521963	MV-250	1	-38,36138293	-12,05451543	VS-70	1
-38,44684205	-12,1579483	VS-70	1	-38,36675298	-11,99900071	VS-70	1
-38,44593944	-12,15853681	VS-70	1	-38,40903175	-11,94152486	VS-70	1
-38,43140135	-12,14497865	VS-250	1	-38,37699146	-11,98315524	VS-70	1
-38,33773439	-12,07457687	VS-70	1	-38,37365994	-11,98564119	VS-70	1
-38,46351118	-12,25114694	VS-70	1	-38,37234086	-11,99337539	VS-70	1
-38,43996856	-12,14663426	VS-250	1	-38,37234086	-11,99337539	VS-70	1
-38,39632582	-12,14019002	MV-400	1	-38,40519499	-11,94280813	VS-70	1
-38,4035382	-12,15260805	VS-70	1	-38,35922464	-12,00246236	VS-70	1
-38,4035382	-12,15260805	MV-250	1	-38,40541999	-11,93689652	VS-70	1
-38,44199964	-12,11131167	VM-250	1	-38,42114888	-11,93751441	VS-70	1
-38,44329306	-12,14939194	VS-250	1	-38,35320105	-11,9928564	VS-70	1
-38,40108623	-12,14722848	VS-250	1	-38,40830255	-12,02034667	VS-70	2
-38,44356869	-12,12486608	VS-150	1	-38,35713708	-12,03608517	MV-250	1
-38,44356869	-12,12486608	VS-250	1	-38,35713708	-12,03608517	MV-400	1
-38,41819638	-12,125602	MV-250	1	-38,40289669	-11,94111149	VS-70	1
-38,49317965	-12,21797673	VS-70	1	-38,41204165	-12,00042764	VS-70	1
-38,45504482	-12,15382533	VS-70	1	-38,39358655	-11,94297134	VS-70	1
-38,42256819	-12,1204806	VS-70	1	-38,35647465	-11,9992257	VS-70	1
-38,41712149	-12,14260526	MV-250	1	-38,37594306	-11,97755593	MV-250	1
-38,41321461	-12,14603188	VS-70	1	-38,37594306	-11,97755593	VS-70	1
-38,43694143	-12,14211033	VS-150	1	-38,43251821	-11,9531512	VS-70	1
-38,43350169	-12,04074283	VS-70	1	-38,37770892	-11,95500822	MV-250	1
-38,41948808	-12,13084034	MV-250	1	-38,3656591	-11,99079392	VS-70	1
-38,41985802	-12,13551863	VS-250	2	-38,37721054	-11,95692231	MV-250	1
-38,41271798	-12,14861185	VS-250	1	-38,38066972	-12,04587887	VS-70	1
-38,41271798	-12,14861185	VS-70	1	-38,33808351	-12,04912991	VS-70	1
-38,41248484	-12,15315356	VS-70	1	-38,41199163	-11,99934439	VS-70	1
-38,40150643	-12,15297669	MV-400	1	-38,40907745	-12,24518618	VS-70	1
-38,40150643	-12,15297669	VS-70	1	-38,36826303	-11,99915412	VS-70	1
-38,40249832	-12,14956038	VS-70	1	-38,35436455	-11,99829904	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,40249832	-12,14956038	LD-50	1	-38,3725382	-11,98693831	VS-70	1
-38,4346181	-12,13582867	MV-250	1	-38,39853611	-11,94307246	VS-70	1
-38,43099978	-12,137107	MV-250	1	-38,41117676	-11,9432882	VS-70	1
-38,42057309	-12,12709369	VS-70	1	-38,37235211	-11,98707888	VS-70	1
-38,42821978	-12,12356043	VS-70	1	-38,37907631	-12,04596385	VS-150	1
-38,40220784	-12,10620894	VS-250	1	-38,37110641	-11,99148579	VS-70	1
-38,41970218	-12,12339279	VS-70	1	-38,37110641	-11,99148579	MV-400	2
-38,47436784	-12,27143964	FL-85	1	-38,37110641	-11,99148579	MV-400	2
-38,33933102	-12,16541145	VS-70	1	-38,37851331	-11,95683253	VS-150	1
-38,33933102	-12,16541145	MV-250	1	-38,35323959	-11,99496739	VS-70	1
-38,33933102	-12,16541145	LD-50	1	-38,40149045	-11,93819201	VS-70	1
-38,42521306	-12,14625355	MV-250	1	-38,38557654	-11,94424958	VS-70	1
-38,40608445	-12,24513452	VS-70	1	-38,40136166	-11,94432969	VS-70	1
-38,49299127	-12,25061654	VS-70	1	-38,40320139	-12,12742819	VS-70	1
-38,41344908	-12,20018711	VS-70	1	-38,41459134	-12,12443696	VS-70	1
-38,39870448	-12,2242996	VS-70	1	-38,4410102	-12,13125935	VS-70	1
-38,36114606	-12,17728145	MV-150	1	-38,41605215	-12,16178911	VS-250	1
-38,4173592	-12,14731351	VS-70	1	-38,41367034	-12,1275788	VS-70	1
-38,42512273	-12,21537708	MV-250	1	-38,47887154	-12,14234888	VS-70	1
-38,42512273	-12,21537708	VS-70	1	-38,47887154	-12,14234888	VS-250	1
-38,39805814	-12,13168372	VS-150	1	-38,43007425	-12,12461905	MV-250	1
-38,28392475	-12,09922676	VS-70	1	-38,44105732	-12,11343461	VM-250	1
-38,40423958	-12,14485845	MV-250	1	-38,40712136	-12,12140533	VS-70	1
-38,44159397	-12,13476023	VS-70	1	-38,4294081	-12,12955698	VS-70	1
-38,3804447	-12,03410396	VS-70	1	-38,43094639	-12,13093867	VS-250	1
-38,41065627	-12,15130184	MV-250	1	-38,43412135	-12,11792762	VS-250	1
-38,41840397	-12,1466596	VS-70	2	-38,4333481	-12,11756714	MV-250	1
-38,41295305	-12,13254357	MV-250	1	-38,29648181	-11,96169115	VS-70	1
-38,45268931	-12,25283667	VS-70	1	-38,41244131	-12,13846669	VS-250	1
-38,42398469	-12,13124361	VS-250	1	-38,41071132	-12,14272682	MV-250	1
-38,42832889	-12,14104636	MV-250	1	-38,28052482	-12,09481179	VS-70	1
-38,42273137	-12,1446202	VS-250	1	-38,39989804	-12,15481942	VS-70	1
-38,42299631	-12,15340348	VS-70	1	-38,42252303	-12,15457187	VS-70	1
-38,41940969	-12,13264194	MV-250	1	-38,42173637	-12,14056526	VS-250	1
-38,43357208	-12,04037867	VS-70	1	-38,40212142	-12,14917165	VS-70	1
-38,38865571	-12,15387835	VS-150	1	-38,41418846	-12,1221367	VS-250	9
-38,38915302	-12,15385533	VS-150	1	-38,41418846	-12,1221367	VS-70	1
-38,39168991	-11,94838963	VS-70	1	-38,44076647	-12,12282375	VS-70	1
-38,40931367	-12,135203	VS-70	1	-38,41223618	-12,10173923	VS-70	1
-38,4064263	-12,12998149	MV-250	1	-38,51415478	-12,20349694	MV-250	1
-38,44924616	-12,12617022	VS-70	1	-38,51415478	-12,20349694	VS-70	1
-38,46100539	-12,25685891	VS-70	1	-38,39622795	-12,14430346	MV-250	1
-38,43339808	-12,13539371	VS-250	1	-38,39622795	-12,14430346	MV-250	1
-38,43739815	-12,13132037	VS-250	1	-38,40708563	-12,12483096	MV-250	1
-38,45521313	-12,15330372	VS-70	1	-38,44038479	-12,1306787	VS-250	1
-38,40409793	-12,14601178	MV-250	1	-38,40051961	-12,13686688	MV-250	1
-38,40456923	-12,11807185	VS-70	1	-38,39964911	-12,13258456	VS-70	1
-38,43273802	-12,1469336	VS-250	1	-38,41335796	-12,14698023	MV-250	1
-38,46400652	-12,15910312	VS-250	1	-38,42284129	-12,12459941	MV-250	1
-38,45771644	-12,14345877	MV-250	1	-38,42033971	-12,13478193	VS-70	1
-38,40175793	-12,14298348	VS-70	1	-38,42308335	-12,13694928	MV-400	1
-38,42003304	-12,11787204	VS-150	1	-38,4267781	-12,13427528	VS-250	1
-38,42207474	-12,12700199	VS-250	1	-38,40390801	-12,12166862	VS-70	1
-38,41472962	-12,15255516	VS-70	1	-38,44641099	-12,14140372	VS-70	1
-38,41419471	-12,11411536	VS-70	1	-38,44237815	-12,13223041	MV-250	1
-38,45002645	-12,15366698	VS-70	1	-38,40870672	-12,01968098	VS-70	1
-38,47053652	-12,1478121	VS-70	1	-38,43372197	-11,93377012	VS-70	1
-38,4196931	-12,11723042	VS-70	1	-38,39880911	-12,02218115	MV-250	2
-38,43725669	-12,04408592	VS-70	1	-38,36746112	-11,99809119	VS-70	1
-38,33122934	-12,17446802	MV-400	2	-38,35400125	-12,03561711	MV-250	1
-38,33122934	-12,17446802	VS-250	1	-38,39705061	-11,9467686	VS-70	1
-38,33122934	-12,17446802	MV-400	2	-38,43986914	-11,93589334	VS-70	1
-38,43738599	-12,1283164	VS-150	1	-38,40071016	-11,93654371	VS-70	1
-38,43757299	-12,13845965	MV-250	1	-38,40729	-11,93754819	VS-70	1
-38,40922944	-12,24387791	VS-70	1	-38,42392921	-11,94753397	VS-250	1
-38,3991076	-12,14367282	VS-70	1	-38,39996162	-11,94593306	VS-70	1
-38,41793053	-12,14416696	MV-250	1	-38,42200489	-11,93649443	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,41793053	-12,14416696	VS-70	1	-38,37236964	-12,04719554	VS-70	1
-38,41657813	-12,14952665	VS-250	1	-38,37700358	-11,97799689	VS-250	1
-38,43193475	-12,1296154	MV-250	1	-38,37140459	-11,9678615	VS-70	1
-38,44689271	-12,1228519	VS-70	1	-38,41712891	-11,94682434	VS-70	1
-38,44574368	-12,12361738	VS-70	1	-38,3658697	-12,00014238	VS-70	1
-38,34660839	-12,16389697	VS-70	1	-38,3658697	-12,00014238	VS-70	1
-38,43487805	-12,13682537	MV-250	1	-38,41392834	-11,97508953	VS-70	1
-38,42307143	-12,1240659	VS-70	1	-38,34906123	-12,03422878	VS-70	1
-38,41107302	-12,12851363	VS-150	1	-38,35353796	-11,99600897	VS-70	1
-38,45414318	-12,1430337	VS-250	1	-38,39742974	-11,94414059	VS-70	1
-38,41919807	-12,12121534	VS-70	1	-38,35571796	-11,99890902	VS-70	1
-38,41919807	-12,12121534	VS-70	1	-38,37337969	-12,03167393	VS-70	1
-38,4444306	-12,11361009	VS-250	1	-38,40078167	-11,94421474	VS-70	1
-38,4452862	-12,11233991	MV-250	1	-38,37258695	-11,98578813	VS-70	1
-38,42897113	-12,25141958	VS-70	1	-38,43439961	-11,93367536	VS-70	1
-38,44712805	-12,12992233	VS-150	1	-38,43439961	-11,93367536	MV-250	1
-38,44688219	-12,13239699	VS-150	1	-38,39766829	-11,94773501	VS-70	1
-38,43316811	-12,13629365	MV-250	1	-38,34667288	-12,03665205	VS-70	1
-38,4085563	-12,14587849	MV-250	1	-38,39056656	-11,94256296	VS-70	1
-38,4345641	-12,04084002	VS-70	1	-38,41374508	-11,97408121	VS-70	1
-38,41939807	-12,11718869	VS-70	1	-38,37115501	-11,96756129	VS-150	1
-38,4120096	-12,14817351	VS-250	1	-38,40256831	-11,94036147	VS-70	1
-38,42486307	-12,14230362	VS-400	1	-38,40256831	-11,94036147	VS-250	1
-38,41573473	-12,11438038	VS-70	1	-38,37292439	-11,98512173	VS-70	1
-38,40537635	-12,13005523	VS-70	1	-38,41225837	-11,97274792	VS-70	1
-38,40537635	-12,13005523	MV-250	1	-38,36692798	-12,05117212	MT-500	1
-38,43314367	-12,13042728	VS-70	1	-38,36776133	-11,9999507	VS-70	1
-38,42137808	-12,13251531	VS-250	1	-38,40774833	-11,96510126	VS-70	1
-38,42138636	-12,13847194	MV-400	2	-38,40654507	-11,94056144	VS-70	1
-38,40709187	-12,1228387	VS-70	1	-38,40654507	-11,94056144	VS-400	12
-38,42983154	-12,12516721	VS-400	1	-38,47113725	-11,94951027	VS-70	1
-38,42983154	-12,12516721	VS-70	1	-38,41644643	-11,9443886	VS-70	1
-38,39691761	-11,94707146	VS-70	1	-38,39784015	-11,94888084	VS-70	1
-38,41665945	-12,230313	VS-70	1	-38,3913266	-11,95771784	VS-70	1
-38,43138474	-12,1457286	VS-250	1	-38,37668713	-11,98199633	VS-70	1
-38,40862628	-12,13679356	VS-250	1	-38,43732484	-12,11799377	VS-70	1
-38,40862628	-12,13679356	VS-400	1	-38,41441798	-12,14959016	VS-70	1
-38,44559758	-12,12296996	VS-70	1	-38,40184618	-12,19809647	VS-70	1
-38,4321847	-12,14336866	MV-400	2	-38,4432488	-12,12498854	VS-250	1
-38,4321847	-12,14336866	VS-150	1	-38,44430995	-12,11066275	VM-250	1
-38,45142399	-12,14919022	MV-400	1	-38,47633529	-12,27001317	VS-70	1
-38,45142399	-12,14919022	VS-150	1	-38,40326959	-12,14267846	VS-150	1
-38,42854131	-12,1520402	VS-250	1	-38,4563487	-12,15584876	VS-70	1
-38,42986678	-12,00430106	MV-250	1	-38,44410811	-12,15111491	MV-250	1
-38,42986678	-12,00430106	VS-70	1	-38,42188315	-12,1368117	VS-400	1
-38,39971472	-12,13223526	VS-70	1	-38,40696844	-12,12584605	MV-250	1
-38,40743794	-12,15590843	VS-150	1	-38,40696844	-12,12584605	MV-250	1
-38,43461974	-12,13602205	MV-250	1	-38,40103303	-12,13333583	VS-150	1
-38,42167797	-12,14686026	VS-400	1	-38,41730011	-12,12956483	VS-70	1
-38,47827988	-12,14273549	VS-70	1	-38,43165972	-12,14701464	VS-250	1
-38,46404152	-12,14090546	VS-250	1	-38,44131481	-12,11436213	VS-70	1
-38,46111609	-12,27616795	VS-70	1	-38,44913509	-12,16492081	VS-70	1
-38,41846385	-12,11634125	VS-70	1	-38,35219772	-12,18553971	VS-70	1
-38,41926974	-12,12092533	VS-150	1	-38,42431133	-12,13816026	VS-250	6
-38,41926974	-12,12092533	VS-70	1	-38,42200141	-12,1355136	MV-400	1
-38,43334303	-12,13821797	MV-250	1	-38,38482061	-11,95741818	VS-70	1
-38,43142387	-12,12375007	VS-250	1	-38,44430545	-12,12461195	VS-250	1
-38,43288814	-12,1175038	MV-400	1	-38,422603	-12,13773691	MV-400	1
-38,44777108	-12,15907197	VS-70	1	-38,43468476	-12,13368204	VS-250	1
-38,44756654	-12,15999861	VS-70	1	-38,43362686	-12,04009185	VS-70	1
-38,44573685	-12,16010911	VS-70	1	-38,40960797	-12,12846862	MV-250	1
-38,44520578	-12,16011563	VS-70	1	-38,42214969	-12,13308867	VS-250	1
-38,43537814	-12,13074703	VS-70	1	-38,40929136	-12,13714685	VS-250	1
-38,38814653	-11,99097427	VS-70	1	-38,39803295	-12,1323902	VS-70	1
-38,44648458	-12,16047378	VS-70	1	-38,48255211	-12,24446202	VS-70	1
-38,41613141	-12,10882963	VS-70	1	-38,3890166	-12,15484659	MV-400	15
-38,45330807	-12,15329533	VS-70	1	-38,3890166	-12,15484659	MV-400	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,45965073	-12,13638989	MV-250	1	-38,3890166	-12,15484659	VS-150	1
-38,45965073	-12,13638989	VS-70	1	-38,46073954	-12,25647642	VS-70	1
-38,45965073	-12,13638989	VS-250	1	-38,42483469	-12,1400119	VS-400	1
-38,41971659	-12,13045757	MV-250	1	-38,39629295	-12,15045674	VS-70	1
-38,38720461	-12,11585352	VS-70	1	-38,42478513	-12,1282482	VS-70	1
-38,39954302	-12,11927193	VS-70	1	-38,42943136	-12,13995694	MV-250	1
-38,42000798	-12,15266516	MV-250	1	-38,45517226	-12,25208847	VS-70	2
-38,40284205	-12,15279	VS-70	1	-38,44287623	-12,13387472	VS-250	1
-38,40284205	-12,15279	VS-250	1	-38,41348132	-12,12963695	VS-250	1
-38,40284205	-12,15279	VS-70	1	-38,41348132	-12,12963695	VS-70	1
-38,40560469	-12,12950854	MV-400	1	-38,4184359	-12,15728342	MV-250	1
-38,4445302	-12,01028617	VS-70	1	-38,39824182	-12,14701088	VS-70	1
-38,42221139	-12,12998036	VS-250	1	-38,44378006	-12,12555081	VS-150	1
-38,42221139	-12,12998036	VS-250	1	-38,43869566	-12,13234379	VS-70	1
-38,46809149	-12,14047878	VS-70	1	-38,40808634	-12,13829351	VS-250	1
-38,40044297	-12,13727182	MV-250	1	-38,40808634	-12,13829351	MT-500	1
-38,41498464	-12,14571354	MV-400	1	-38,41807186	-12,1416756	VS-250	1
-38,41498464	-12,14571354	VS-70	1	-38,38799625	-12,11426186	VS-70	1
-38,39963961	-12,1516218	MV-400	1	-38,44227308	-12,14544535	MV-250	1
-38,37952455	-12,13469842	VS-70	1	-38,36343455	-12,04964875	VS-70	1
-38,44583034	-12,1314487	VS-70	1	-38,50350142	-12,21318351	VS-70	1
-38,44135974	-12,14795365	MV-250	1	-38,43643817	-12,11749715	VS-70	1
-38,44566278	-12,14362105	VS-70	1	-38,40724447	-12,23029628	VS-70	1
-38,39636137	-12,1397367	VS-70	1	-38,40724447	-12,23029628	MV-400	1
-38,39636137	-12,1397367	MV-250	1	-38,50709815	-12,19029703	MV-250	1
-38,39636137	-12,1397367	VS-250	1	-38,50709815	-12,19029703	VS-250	1
-38,35539604	-12,20312796	VS-70	1	-38,44367644	-12,15027199	VS-250	1
-38,44293307	-12,14278539	VS-70	1	-38,43053622	-12,14174839	VS-70	1
-38,39837723	-12,13179196	MV-400	1	-38,41690969	-12,11751867	VS-150	1
-38,39837723	-12,13179196	VS-70	1	-38,40066108	-12,12681022	VS-70	1
-38,41275296	-12,14544184	VS-250	1	-38,42953475	-12,13408204	VS-250	1
-38,42255641	-12,13234532	VS-250	2	-38,41636387	-12,13475003	VS-250	1
-38,43073976	-12,12828202	MV-250	1	-38,43635137	-12,13799868	MV-250	1
-38,41599801	-12,12792698	VS-70	1	-38,40015614	-12,13953989	VS-70	1
-38,42468322	-12,07529062	VS-70	1	-38,35155787	-12,08373523	VS-70	1
-38,44247982	-12,11401555	VS-70	1	-38,44432995	-12,13347302	MV-250	1
-38,44330305	-12,14863369	VS-70	1	-38,43561922	-12,12062321	VS-150	1
-38,40459129	-12,1389335	VS-70	1	-38,46421152	-12,14098211	VS-70	1
-38,40459129	-12,1389335	MV-250	1	-38,4383419	-12,17305028	VS-70	1
-38,42223272	-12,1263697	VS-70	1	-38,43989311	-12,12739377	VS-70	1
-38,39634	-12,12714331	MV-250	1	-38,41744499	-12,13942498	MV-250	1
-38,40070581	-12,12355479	MV-250	1	-38,42508799	-12,14620688	MV-400	2
-38,39824412	-12,13144323	MV-250	1	-38,42159806	-12,13230367	VS-250	1
-38,39824412	-12,13144323	VS-70	1	-38,40758795	-12,13301023	VS-250	1
-38,40030659	-12,15552208	VS-70	1	-38,38957774	-12,15624477	VS-150	1
-38,37608115	-12,14597666	VS-70	1	-38,47627832	-12,16512264	VS-400	4
-38,38167964	-12,10510528	VS-70	1	-38,45467978	-12,14285038	VS-70	1
-38,411058	-12,1489252	MV-250	1	-38,45467978	-12,14285038	MV-250	1
-38,43973516	-12,13225129	VS-70	1	-38,44283142	-12,13586701	MV-250	1
-38,42158864	-12,12379768	VS-70	1	-38,44548807	-12,14235868	VS-150	1
-38,42158864	-12,12379768	VS-70	1	-38,40392826	-12,22201528	VS-70	1
-38,3904634	-12,12945845	VS-70	1	-38,39912566	-12,12428934	MV-250	1
-38,40396625	-12,14267516	MV-250	1	-38,41463222	-12,1754058	VS-400	1
-38,43438976	-12,12660542	VS-70	1	-38,41449914	-12,17469057	VS-400	1
-38,44188807	-12,14203197	VS-70	1	-38,41410133	-12,12854531	VS-70	1
-38,49733316	-12,17235041	VS-70	1	-38,44412139	-12,14282704	VS-70	1
-38,51168988	-12,19688898	VS-70	1	-38,44412139	-12,14282704	VS-250	1
-38,4186181	-12,11748535	VS-70	1	-38,41318109	-12,24138962	VS-70	1
-38,42999138	-12,13856695	MV-250	1	-38,52853149	-12,18367386	VS-70	1
-38,39763959	-12,14603679	VS-70	1	-38,41940324	-12,14908901	MV-250	1
-38,49843298	-12,24901156	VS-70	1	-38,4327715	-12,11645875	MV-250	1
-38,41581801	-12,13060866	MV-250	1	-38,42006538	-12,10767347	VS-70	1
-38,41306632	-12,14673181	VS-70	1	-38,42006538	-12,10767347	VS-250	1
-38,40187631	-12,13646352	MV-250	1	-38,42180817	-12,12604465	VS-70	1
-38,43048017	-12,14968354	VS-150	1	-38,41831138	-12,12722529	VS-250	1
-38,43048017	-12,14968354	VS-70	1	-38,42508137	-12,13368527	VS-250	1
-38,41394136	-12,13785525	MV-250	1	-38,42508137	-12,13368527	VS-70	2

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,44088253	-12,15080905	VS-70	1	-38,41184964	-12,15316183	VS-70	1
-38,44170417	-12,15294565	VS-70	1	-38,33210437	-12,17339804	VS-70	1
-38,43415142	-12,13209866	VS-150	1	-38,40191215	-12,20109878	VS-70	1
-38,41158133	-12,13919691	VS-250	1	-38,40170947	-12,13498599	VS-70	1
-38,40725427	-12,12719677	VS-250	1	-38,44124982	-12,12295761	VS-70	1
-38,40725427	-12,12719677	VS-70	1	-38,42139401	-12,1211281	VS-70	1
-38,51032446	-12,19057664	VS-70	1	-38,42139401	-12,1211281	VS-70	1
-38,41216284	-12,20994141	VS-70	1	-38,31896561	-12,07546323	VS-70	1
-38,44345342	-12,15544301	VS-70	1	-38,40471134	-12,12583524	MV-250	1
-38,44454384	-12,15271583	VS-70	1	-38,44185316	-12,13549875	MV-250	1
-38,40460693	-12,13243945	VS-70	1	-38,42020687	-12,22284174	VS-70	1
-38,42948383	-12,14880577	MV-250	1	-38,42106606	-12,15591201	VS-70	1
-38,39743475	-12,12828078	MV-250	1	-38,40783581	-12,14347959	MV-250	1
-38,40098871	-12,12331032	MV-250	1	-38,40783581	-12,14347959	MV-250	1
-38,41752273	-12,15700058	MV-250	1	-38,40783581	-12,14347959	VS-250	1
-38,3602766	-12,16539089	VS-70	1	-38,41029465	-12,13220026	MV-250	1
-38,36053639	-12,16469313	VS-70	2	-38,41481303	-12,11822534	MV-250	1
-38,43862646	-12,13086875	VS-70	1	-38,42872475	-12,11764205	MV-250	1
-38,43144308	-12,13878032	MV-250	1	-38,42483639	-12,14179361	MV-250	1
-38,43144308	-12,13878032	MV-250	1	-38,43776276	-12,1270271	MV-250	1
-38,42657228	-12,13893884	VS-250	1	-38,45442929	-12,14014319	MV-250	1
-38,41339845	-12,14723829	MV-250	1	-38,46384887	-12,13863881	VS-70	1
-38,40613784	-11,93591427	VS-70	1	-38,40386708	-12,14615627	MV-250	1
-38,42015469	-12,14026855	MV-400	1	-38,40386708	-12,14615627	MV-250	5
-38,35398604	-12,18751797	VS-70	1	-38,40386708	-12,14615627	VS-250	2
-38,46383615	-12,25324252	VS-70	1	-38,47234889	-11,95078856	VS-70	1
-38,42290476	-12,13967207	MV-400	1	-38,3774014	-11,95722609	MV-400	1
-38,42266076	-12,13649679	MV-400	1	-38,36973641	-11,99432414	VS-70	1
-38,3592463	-12,1858069	MV-250	1	-38,37029126	-12,0479572	VS-70	1
-38,41771633	-12,11984058	VS-70	1	-38,42258007	-12,00447107	VS-70	1
-38,41781465	-12,1507785	MV-250	1	-38,40067332	-11,9403648	VS-70	1
-38,37660083	-11,95998686	VS-70	1	-38,34525933	-12,03106988	VS-70	1
-38,3765518	-11,95961378	VS-70	1	-38,40796	-11,94099985	VS-70	1
-38,44443674	-12,1252748	VS-150	1	-38,36504303	-12,00106236	VS-70	1
-38,41934288	-12,19766571	VS-70	1	-38,4500671	-11,9346836	VS-70	1
-38,42247304	-12,13174529	VS-250	2	-38,40172497	-11,94080643	VS-70	1
-38,43965349	-12,00816779	VS-70	1	-38,36707468	-11,97152426	VS-70	1
-38,40702618	-12,14726951	VS-70	1	-38,39978038	-12,05602186	VS-70	1
-38,42636982	-12,13880623	VS-250	1	-38,35155286	-12,0363905	VS-70	1
-38,41168965	-12,14351684	MV-250	1	-38,37006475	-11,99455082	VS-70	1
-38,41127301	-12,14267688	MV-250	1	-38,3778252	-11,95764905	VS-250	1
-38,41625638	-12,1338769	VS-250	1	-38,39214321	-11,94857961	VS-70	1
-38,41812131	-12,14938518	MV-250	1	-38,39271992	-11,94881793	VS-70	1
-38,39182289	-12,13904508	MV-400	2	-38,3576946	-12,03551051	VS-250	1
-38,42053309	-12,11627204	VS-70	1	-38,40115329	-11,94387811	VS-70	1
-38,41680447	-12,24047966	VS-70	1	-38,40264714	-11,93910656	VS-70	1
-38,42610486	-12,07986899	MV-250	1	-38,36551959	-12,04882378	VS-70	1
-38,44621297	-12,12190596	VS-150	1	-38,40055162	-11,94006309	VS-70	1
-38,44322758	-12,11162082	VS-150	1	-38,40055162	-11,94006309	VS-250	1
-38,44261093	-12,11034006	VS-150	1	-38,47166225	-11,94955191	VS-70	1
-38,42239897	-12,13376749	MV-250	1	-38,37279803	-11,99051752	VS-70	1
-38,44325503	-12,13254979	VS-70	2	-38,46969916	-11,94690994	VS-70	1
-38,38567099	-12,15919758	VS-70	1	-38,41828352	-11,94726354	VS-70	1
-38,4146469	-12,13242624	VS-250	1	-38,45291208	-11,93544355	VS-70	1
-38,39572789	-12,14508344	VS-70	1	-38,35257622	-12,03591881	VS-70	1
-38,4380148	-12,13477374	MV-250	1	-38,35194955	-11,97749915	VS-70	1
-38,42342827	-12,14487521	VS-70	1	-38,41677194	-11,94522686	VS-70	1
-38,3606826	-12,1655515	VS-70	1	-38,36655559	-11,99101697	VS-70	1
-38,43278143	-12,14496533	VS-250	1	-38,43522396	-11,93405414	VS-70	1
-38,44089978	-12,14747198	MV-250	1	-38,37743479	-11,95859443	VS-70	1
-38,43320471	-12,13665864	MV-250	1	-38,37313803	-11,98987913	VS-70	1
-38,39091459	-12,15106001	MV-250	1	-38,40626437	-11,93657306	VS-70	1
-38,44175478	-12,14838365	MV-250	1	-38,50812485	-12,18817705	VS-70	1
-38,42990413	-12,12333346	VS-70	1	-38,41876967	-12,12770198	VS-70	1
-38,42074295	-12,15202356	MV-250	1	-38,43171308	-12,13632362	VS-250	1
-38,41751802	-12,1451619	MV-250	1	-38,48026602	-12,23182396	VS-70	1
-38,41751802	-12,1451619	MV-400	1	-38,40442964	-12,14509345	MV-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,41927469	-12,14134356	VS-250	1	-38,41898639	-12,13300531	VS-250	1
-38,41766964	-12,15593179	MV-250	1	-38,48761232	-12,25517876	VS-70	1
-38,43041135	-12,14370197	VS-70	1	-38,42398722	-12,13780798	MV-250	2
-38,44443477	-12,13230208	MV-250	1	-38,4316161	-12,14804236	VS-250	1
-38,42591502	-12,00406773	VS-70	1	-38,34755613	-12,08015516	VS-70	1
-38,41307979	-12,10245046	VS-70	1	-38,40906628	-12,13646519	VS-250	1
-38,43356809	-12,11805708	MV-250	1	-38,43216636	-12,13978201	MV-250	1
-38,43283479	-12,12928876	MV-250	1	-38,42665776	-12,12489145	VS-70	1
-38,43831477	-12,13307263	VS-70	1	-38,41584637	-12,14095023	VS-250	1
-38,46878791	-12,22435996	VS-70	1	-38,41447709	-12,22720612	VS-70	1
-38,443006	-12,14970032	VS-250	1	-38,41822299	-12,13198358	VS-400	1
-38,37752376	-12,1341113	VS-70	1	-38,41822299	-12,13198358	MV-250	1
-38,41841634	-12,12747869	MV-250	1	-38,44242805	-12,14994916	MV-250	1
-38,41857466	-12,15149355	MV-250	1	-38,42177426	-12,13499856	MV-250	1
-38,40302389	-12,12375671	VS-70	1	-38,41696026	-12,15041726	MV-250	1
-38,41659092	-12,13417542	VS-400	1	-38,39944571	-12,12069141	VS-70	1
-38,4452076	-12,12255376	VS-150	1	-38,41585136	-12,14728348	VS-70	1
-38,40658455	-12,13147272	MV-250	1	-38,41585136	-12,14728348	VS-250	1
-38,41535471	-12,12699527	VS-70	1	-38,43086303	-12,14419031	VS-150	1
-38,43749309	-12,12601538	VS-70	1	-38,42528447	-12,25223957	VS-70	1
-38,44352136	-12,15578449	VS-70	1	-38,40683015	-12,14299729	MV-250	1
-38,38738632	-12,11508519	VS-70	1	-38,46281435	-12,25966064	FL-85	1
-38,44248146	-12,13243043	MV-250	1	-38,42779808	-12,13224868	VS-250	1
-38,41092453	-12,19979817	VS-70	1	-38,41345301	-12,13066864	MV-250	1
-38,38948743	-12,15576508	VS-150	1	-38,45247287	-12,15257433	VS-70	1
-38,38930758	-12,15370859	VS-150	1	-38,41665308	-12,126202	VS-70	1
-38,46311977	-12,13883143	VS-70	1	-38,41635088	-12,14394427	VS-250	1
-38,41361465	-12,14713187	VS-70	1	-38,41651737	-12,14722758	MV-250	1
-38,4764445	-12,27527636	VS-70	1	-38,47610616	-12,27554301	VS-70	1
-38,3884679	-12,1529613	MV-150	1	-38,46663293	-12,24460484	VS-70	1
-38,42872139	-12,13406531	VS-250	1	-38,40207883	-12,13354423	FL-85	1
-38,42232515	-12,12606425	VS-70	1	-38,40207883	-12,13354423	VS-70	1
-38,41248985	-12,14693853	MV-400	1	-38,41694969	-12,11782033	VS-150	1
-38,44069146	-12,13881206	VS-70	1	-38,44481916	-12,11503977	MV-250	1
-38,42402473	-12,14580857	MV-250	1	-38,44481916	-12,11503977	MV-400	1
-38,41712709	-12,12548263	VS-70	1	-38,44529116	-12,1155036	MV-400	1
-38,41842139	-12,19670904	VS-70	1	-38,44529116	-12,1155036	VS-250	1
-38,43518309	-12,13220873	VS-150	1	-38,44466226	-12,11389959	VS-250	1
-38,4078647	-12,12328861	VS-70	1	-38,41439834	-11,97174958	VS-70	1
-38,4240602	-12,0735809	VS-70	1	-38,44650817	-12,13403371	VS-70	1
-38,46135482	-12,14105713	VS-70	1	-38,41654137	-12,12912866	VS-70	1
-38,4294253	-12,14393847	MV-250	1	-38,41654137	-12,12912866	VS-250	1
-38,40248962	-12,1389002	VS-150	1	-38,3975699	-12,13838046	VS-70	1
-38,43848316	-12,11351554	VS-250	1	-38,3975699	-12,13838046	MV-250	1
-38,49738686	-12,20231463	VS-70	1	-38,43339302	-12,14458027	MV-250	1
-38,43819613	-12,24331133	VS-70	1	-38,43351145	-12,12544539	VS-70	1
-38,4239005	-12,12131431	VS-70	1	-38,40157137	-12,12673747	VS-70	1
-38,44183319	-12,11584547	VS-70	1	-38,4009928	-12,12690661	VS-250	1
-38,4142597	-12,12534863	MV-250	1	-38,4009928	-12,12690661	VS-70	1
-38,43862316	-12,12748042	VS-400	1	-38,40117917	-12,12643828	VS-70	1
-38,43862316	-12,12748042	VS-70	1	-38,4318881	-12,13185706	MV-250	1
-38,4151947	-12,12203031	MV-250	1	-38,42718205	-12,1260898	VS-70	1
-38,40730828	-12,00557424	VS-70	1	-38,37524127	-12,13421336	VS-70	1
-38,43104966	-12,15156025	VS-250	1	-38,46804488	-12,13494387	VS-70	1
-38,41847212	-12,19361803	MV-400	1	-38,41915414	-12,14359867	MV-250	1
-38,43496807	-12,13141373	VS-70	1	-38,41915414	-12,14359867	VS-400	1
-38,40328798	-12,14183513	MV-250	1	-38,42330298	-12,15284515	VS-70	1
-38,421626	-12,13717451	VS-400	1	-38,42330298	-12,15284515	VS-250	1
-38,43080162	-12,12867992	VS-70	1	-38,41158796	-12,13277356	MV-250	1
-38,40814857	-12,1409784	MV-250	1	-38,43526645	-12,13339038	MV-250	1
-38,44729316	-12,12620916	VS-70	1	-38,4336914	-12,14532191	VS-250	1
-38,3926146	-12,12065854	MV-250	1	-38,4126728	-12,22932637	VS-250	1
-38,40219795	-12,14432682	MV-250	2	-38,40934449	-12,19994988	MV-70	1
-38,41561469	-12,14212354	MV-250	1	-38,41529138	-12,12036363	MV-250	1
-38,39675842	-12,14747077	VS-70	2	-38,40097628	-12,14206844	MV-250	1
-38,42087779	-12,25307618	VS-70	1	-38,4163662	-12,21015484	MV-250	1
-38,40481633	-12,13875688	MV-250	1	-38,41571303	-12,14547357	VS-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,41880639	-12,126122	MV-250	1	-38,41571303	-12,14547357	VS-70	1
-38,43700311	-12,12007213	VS-150	1	-38,41739941	-12,1474962	VS-70	1
-38,43704645	-12,12717044	MV-250	1	-38,42566303	-12,13148529	VS-250	1
-38,4466787	-12,11277601	MV-250	1	-38,43802102	-12,17401322	VS-70	1
-38,39078122	-12,13015017	VS-70	1	-38,44936385	-12,13936186	VS-70	1
-38,44210976	-12,12946379	VS-150	1	-38,40215956	-12,1534287	VS-70	1
-38,41813807	-12,13824329	MV-400	1	-38,46052812	-12,1410804	VS-70	1
-38,42224722	-12,12666507	VS-70	1	-38,44424683	-12,15519993	VS-70	1
-38,43165315	-12,13996649	MV-250	1	-38,40203496	-12,12614068	VS-250	1
-38,3879715	-11,95735454	VS-70	1	-38,45362562	-12,15216863	VS-70	1
-38,3879715	-11,95735454	FL-30	1	-38,42707101	-12,15324165	VS-70	1
-38,43275963	-12,11723395	MV-250	1	-38,42707101	-12,15324165	VS-150	1
-38,41313141	-12,10692872	VS-70	1	-38,43010704	-12,12525679	VS-70	1
-38,41902141	-12,12671362	MV-250	1	-38,43010704	-12,12525679	VS-400	1
-38,50583149	-12,1866804	MV-250	1	-38,43413312	-12,13822699	VS-250	1
-38,41945495	-12,13591927	MV-400	2	-38,4201004	-12,13767391	MV-400	1
-38,4190404	-12,13604705	VS-250	1	-38,42518132	-12,14918523	VS-250	1
-38,47651966	-12,21693841	VS-70	1	-38,42685472	-12,13462535	VS-250	1
-38,47651966	-12,21693841	VS-250	1	-38,43917147	-12,13773034	MV-250	1
-38,34794277	-12,09111348	VS-150	1	-38,42210138	-12,13789191	MV-400	2
-38,44719568	-12,14011342	VS-70	1	-38,44375638	-12,14382365	VS-70	1
-38,44719568	-12,14011342	VS-250	1	-38,43865684	-12,14253145	MV-250	3
-38,45662355	-12,15194758	VS-70	1	-38,43865684	-12,14253145	VS-250	1
-38,41271618	-12,15637064	VS-70	1	-38,43234306	-12,14535695	VS-250	1
-38,4305748	-12,11648046	MV-250	1	-38,42019806	-12,11715868	VS-70	1
-38,42909784	-12,14264724	MV-250	1	-38,40520967	-12,13927355	MV-250	1
-38,41237637	-12,1265686	VS-70	1	-38,40520967	-12,13927355	MV-400	1
-38,35330619	-12,08661355	VS-70	1	-38,41424869	-12,22677544	VS-70	1
-38,42030137	-12,14791684	MV-250	1	-38,43095531	-12,21749771	VS-70	1
-38,41526303	-12,1253786	VS-70	1	-38,41212781	-12,23027963	VS-70	1
-38,47147501	-12,13656368	VS-70	1	-38,41697977	-12,11659205	VS-150	1
-38,41464561	-12,14838521	MV-250	1	-38,4189996	-12,11672605	VS-70	1
-38,43875146	-12,11371217	VS-250	1	-38,44267813	-12,13745375	MV-250	1
-38,43875146	-12,11371217	VS-250	1	-38,43603672	-12,04360586	VS-70	1
-38,28414816	-12,09971182	VS-70	1	-38,48268795	-12,24940483	MV-250	1
-38,41495303	-12,12261529	VS-250	1	-38,4038263	-12,12961027	VS-70	1
-38,47425953	-12,26641299	VS-70	1	-38,39866288	-12,1300265	MV-250	1
-38,44005645	-12,14143524	MV-250	1	-38,43611978	-12,1357054	MV-250	1
-38,43449812	-12,13686038	MV-250	1	-38,42307307	-12,13646863	MV-400	1
-38,39903331	-12,05211816	VS-70	1	-38,4229682	-12,13662706	VS-400	1
-38,4300159	-12,14602732	MV-250	1	-38,47646117	-12,25821807	VS-70	1
-38,43234309	-12,13047039	VS-250	1	-38,43360139	-12,14122701	VS-250	1
-38,35181274	-12,19481631	VS-70	1	-38,44109315	-12,13030542	MV-250	1
-38,39946961	-12,13185186	VS-70	1	-38,47313318	-12,14611712	VS-70	1
-38,45905401	-12,2526552	VS-70	1	-38,40246466	-12,13776681	VS-150	1
-38,45905401	-12,2526552	VS-250	2	-38,3318043	-12,18755426	VS-70	1
-38,43995353	-11,93523776	VS-70	1	-38,32853608	-12,17213971	VS-70	1
-38,37772125	-12,10547025	VS-70	1	-38,40978199	-12,21803875	MV-250	1
-38,40959391	-12,11730611	VS-70	1	-38,40978199	-12,21803875	VS-70	1
-38,398747	-12,12789797	MV-250	1	-38,44320225	-12,11514403	MV-250	1
-38,398747	-12,12789797	MV-250	1	-38,44320225	-12,11514403	VS-70	1
-38,398747	-12,12789797	MV-250	3	-38,4442562	-12,11500148	MV-250	1
-38,40904301	-12,12967524	MV-250	1	-38,4442562	-12,11500148	MV-250	1
-38,43681638	-12,13878869	MV-250	1	-38,44536836	-12,11399116	VS-250	1
-38,44626207	-12,15973537	VS-70	1	-38,44567812	-12,11335718	VS-250	1
-38,4459905	-12,15903677	VS-70	1	-38,44567812	-12,11335718	MV-400	4
-38,43942314	-12,12253042	VS-70	1	-38,48162495	-12,14000886	VS-400	1
-38,44748582	-12,15874729	VS-70	1	-38,48162495	-12,14000886	VS-70	1
-38,44731145	-12,15805301	VS-70	1	-38,40132653	-12,1277889	VS-70	1
-38,42049722	-12,14593089	VS-70	1	-38,40108614	-12,12820111	VS-70	1
-38,42472304	-12,13224036	MV-250	1	-38,4314532	-12,15032874	VS-250	1
-38,42062839	-12,13766017	MV-400	1	-38,4314532	-12,15032874	MV-400	3
-38,4076463	-12,13699017	VS-250	1	-38,37605146	-12,13422443	VS-70	1
-38,43413504	-12,0470125	VS-70	1	-38,37440738	-12,13499804	VS-70	1
-38,43365474	-12,13762864	VS-250	1	-38,41631379	-12,13025842	MV-250	1
-38,42439303	-12,13239199	VS-250	1	-38,41410293	-12,11860603	MV-250	1
-38,40876133	-12,13555519	VS-250	1	-38,40836832	-12,12485149	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,41888798	-12,14063028	VS-250	1	-38,40836832	-12,12485149	MV-250	1
-38,42988634	-12,15173361	VS-250	1	-38,41450661	-12,12639545	VS-70	1
-38,42988634	-12,15173361	MV-400	2	-38,41736303	-12,13850189	VS-250	1
-38,39768587	-12,12894716	MV-250	1	-38,43924976	-12,13864536	VS-250	1
-38,42264377	-12,1421692	VS-70	1	-38,44044515	-12,00890115	VS-70	1
-38,41770668	-12,11693645	VS-70	1	-38,48347336	-12,23151299	VS-70	2
-38,3989846	-12,13337849	MV-250	1	-38,4014223	-12,14245347	MV-250	1
-38,43244136	-12,14476198	VS-250	1	-38,41619641	-12,12417032	VS-250	1
-38,44201315	-12,13407044	VS-250	1	-38,41284613	-12,24034795	VS-70	1
-38,41703081	-12,12453174	VS-70	1	-38,4343131	-12,14276693	VS-250	1
-38,42444802	-12,13375029	VS-70	1	-38,39890659	-12,14823212	VS-70	1
-38,37350134	-12,02998228	VS-70	1	-38,41436952	-12,22126144	VS-70	1
-38,43784026	-12,21254986	VS-70	1	-38,43846805	-12,14439702	VS-70	1
-38,41579803	-12,12798027	VS-70	1	-38,42398505	-12,13136124	VS-250	1
-38,43575645	-12,11856045	MV-250	1	-38,41692047	-12,16161335	VS-250	1
-38,4205722	-12,22297288	VS-70	1	-38,46023785	-12,25705816	VS-70	1
-38,51508292	-12,25201829	VS-70	1	-38,43851547	-12,17433917	VS-70	1
-38,39792744	-12,12941627	MV-250	1	-38,43906186	-12,17322794	VS-70	1
-38,41207617	-12,21037313	VS-70	1	-38,40414129	-12,14236185	MV-250	1
-38,39896279	-12,12707752	MV-150	1	-38,46372711	-12,24067043	VS-70	1
-38,39963701	-12,12547716	VS-150	1	-38,4028629	-12,15184678	MV-250	1
-38,4103021	-12,13102794	MV-250	1	-38,43111971	-12,15214187	VS-250	1
-38,42243425	-12,15317034	MV-250	1	-38,39820821	-12,14157427	MV-250	1
-38,48604629	-12,23304164	VS-70	1	-38,43841309	-12,12837539	VS-150	1
-38,446684	-12,15850451	VS-70	1	-38,4197467	-12,13511611	VS-250	1
-38,44739508	-12,15783616	VS-70	1	-38,4197467	-12,13511611	MV-250	1
-38,43170974	-12,14492865	VS-250	1	-38,43168123	-12,1411839	VS-70	1
-38,42336969	-12,13819195	VS-400	1	-38,39782793	-12,14659674	VS-70	1
-38,29364639	-12,11813168	VS-70	1	-38,40033453	-12,12837737	VS-250	1
-38,45003811	-12,15762525	MV-250	1	-38,40033453	-12,12837737	MV-250	1
-38,45003811	-12,15762525	VS-70	1	-38,44654081	-12,12341764	VS-70	1
-38,42910653	-12,1288626	VS-70	1	-38,44293486	-12,15349628	VS-70	1
-38,41180639	-12,12781524	VS-70	1	-38,44536232	-12,14350885	VS-150	1
-38,44390978	-12,13267041	MV-250	1	-38,41504141	-12,12004698	MV-250	1
-38,43304645	-12,1284887	VS-70	1	-38,40468947	-12,19880479	VS-70	1
-38,42013642	-12,12182372	MV-250	1	-38,44442979	-12,13432873	MV-250	1
-38,41824637	-12,13879525	VS-250	1	-38,45110727	-12,15632335	VS-70	1
-38,42613641	-12,12564038	VS-70	1	-38,4820724	-12,23195545	VS-70	2
-38,42613641	-12,12564038	VS-400	1	-38,43509474	-12,13154707	VS-70	2
-38,44656325	-12,1358425	VS-70	1	-38,41572641	-12,12768361	VS-70	1
-38,42866466	-12,13047556	VS-250	1	-38,41572641	-12,12768361	MV-400	1
-38,43719182	-12,0075628	VS-70	1	-38,4474168	-12,15957736	VS-70	1
-38,41303299	-12,12928025	VS-70	1	-38,41855641	-12,11674036	MV-150	1
-38,43660305	-12,13389535	MV-250	1	-38,4110758	-12,11296834	MV-250	1
-38,41236731	-12,12002127	VS-70	2	-38,40388459	-12,13864682	MV-250	1
-38,46205278	-12,27421796	VS-70	1	-38,40388459	-12,13864682	VS-70	1
-38,49165417	-12,17862767	VS-70	1	-38,39996548	-12,15498243	VS-70	1
-38,42617584	-12,16007977	VS-150	1	-38,43148803	-12,15422189	VS-250	1
-38,43260139	-12,12840036	VS-70	1	-38,39177965	-12,11964026	VS-70	1
-38,42578996	-12,12756157	VS-400	1	-38,44137798	-12,13509372	MV-250	1
-38,42578996	-12,12756157	VS-150	1	-38,50675984	-12,18831204	MV-250	1
-38,42578996	-12,12756157	MV-400	1	-38,43388212	-12,12123654	VS-150	1
-38,3980546	-12,15390172	VS-70	1	-38,42677591	-12,08120281	VS-70	1
-38,4319499	-12,14062434	VS-70	1	-38,45988934	-12,23125979	VS-70	1
-38,46511276	-12,14010208	VS-70	1	-38,41595134	-12,14186025	MV-250	1
-38,39797485	-12,14162593	MV-400	1	-38,405068	-12,12950193	MV-250	1
-38,40068768	-12,12872237	MV-250	1	-38,40456296	-12,12079032	VS-70	1
-38,43645811	-12,13980866	MV-250	1	-38,49915593	-12,17273756	VS-70	1
-38,37326901	-12,02761462	VS-70	1	-38,44076145	-12,13563176	MV-250	1
-38,42475636	-12,14393859	VS-250	1	-38,41509135	-12,12232199	VS-250	1
-38,4445909	-12,15358603	VS-70	1	-38,43208735	-12,11964087	MV-250	1
-38,44355333	-12,15400264	VS-70	1	-38,43775693	-12,13277151	VS-250	1
-38,44403061	-12,15236853	MV-150	1	-38,44008676	-12,14364686	MV-250	1
-38,44403061	-12,15236853	MV-250	1	-38,45712638	-12,14370939	MV-250	1
-38,44319817	-12,15256679	MV-150	1	-38,34296262	-12,21327284	VS-70	1
-38,44319817	-12,15256679	MV-250	1	-38,42357961	-12,07406796	VS-70	2
-38,44319817	-12,15256679	MV-250	1	-38,43788641	-12,12998873	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,44319817	-12,15256679	MV-250	1	-38,43178635	-12,15171691	VS-70	1
-38,44274111	-12,15352881	VS-70	1	-38,35757104	-12,19752126	VS-70	1
-38,44290796	-12,15424204	VS-70	1	-38,43709144	-12,13144542	VS-70	2
-38,44287187	-12,15502361	VS-70	1	-38,43709144	-12,13144542	VS-250	1
-38,39699324	-11,9606779	VS-70	1	-38,42077187	-12,13941048	MV-400	2
-38,43300315	-12,12664876	MV-250	1	-38,42174801	-12,15597014	VS-70	1
-38,43863804	-12,14061364	VS-250	1	-38,45530817	-12,14241375	VS-70	1
-38,42164094	-11,93653537	VS-70	1	-38,39577434	-12,15381681	VS-70	1
-38,42992307	-12,1240121	VS-70	1	-38,43343974	-12,14495694	MV-400	4
-38,41881996	-12,13798637	MV-400	1	-38,39162774	-12,15775594	MV-250	1
-38,38958283	-12,15638458	VS-150	1	-38,4429036	-12,11180525	VM-250	1
-38,45216397	-12,15231615	VS-70	1	-38,42839979	-12,12692537	VS-70	1
-38,46879951	-12,25993475	VS-70	1	-38,40397115	-12,20043478	VS-70	1
-38,38003628	-12,10379363	VS-70	1	-38,50460314	-12,18528202	MV-250	1
-38,43340143	-12,13897864	VS-250	2	-38,40403296	-12,13558518	VS-70	1
-38,43340143	-12,13897864	VS-250	1	-38,43251134	-12,1466836	VS-250	1
-38,44668971	-12,15475527	VS-250	1	-38,4064941	-12,14273006	MV-250	1
-38,40212355	-12,14969524	VS-70	1	-38,43514144	-12,1383003	MV-250	1
-38,37253801	-12,02780894	VS-70	1	-38,44731101	-12,11208703	MV-250	1
-38,40029749	-12,12675078	VS-70	1	-38,4321698	-12,11856048	VS-250	1
-38,42134133	-12,15203186	VS-250	1	-38,42129332	-12,13638647	MV-400	2
-38,411212136	-12,12340033	VS-70	1	-38,36381629	-12,15497216	VS-70	1
-38,42780454	-12,22615141	VS-70	1	-38,32524945	-12,1697514	VS-70	1
-38,42991136	-12,1356653	MV-250	1	-38,34774111	-12,16373478	VS-70	1
-38,45620535	-12,15378109	VS-70	1	-38,36566557	-12,15965766	VS-70	1
-38,43299288	-12,22635309	MV-250	1	-38,31422744	-12,07202204	VS-70	1
-38,43299288	-12,22635309	VS-70	1	-38,36404636	-12,15749713	VS-70	1
-38,41326803	-12,14218355	MV-250	1	-38,31085407	-12,06783467	VS-70	1
-38,41342872	-12,14437757	VS-250	1	-38,3685165	-12,16924362	VS-70	1
-38,41766798	-12,1537752	MV-250	1	-38,32567109	-12,16911308	VS-70	1
-38,44760867	-12,14116933	VS-250	1	-38,36442544	-12,15735688	VS-70	1
-38,43215976	-12,1364703	MV-250	1	-38,31575212	-12,07105822	VS-70	1
-38,4073285	-12,13908923	MV-250	1	-38,3455161	-12,16226976	VS-70	1
-38,44350314	-12,13290712	MV-250	1	-38,31292468	-12,0700461	VS-70	1
-38,44350314	-12,13290712	VS-70	1	-38,31098661	-12,06832212	VS-70	1
-38,48744146	-12,17465701	VS-70	1	-38,43493285	-12,23168806	VS-70	1
-38,4153079	-12,12897186	VS-70	1	-38,3256894	-12,16836307	VS-70	1
-38,4205133	-12,12901425	MV-250	1	-38,3134544	-12,07020656	VS-70	1
-38,3545981	-12,05740384	VS-70	1	-38,34195937	-12,16113812	VS-70	1
-38,43040177	-12,12488741	VS-70	1	-38,33802939	-12,16250142	MV-250	1
-38,42113616	-12,11601841	VS-70	1	-38,33802939	-12,16250142	VS-70	1
-38,44486644	-12,12709544	VS-250	1	-38,31595382	-12,07074091	VS-70	1
-38,39673998	-12,14019424	VS-70	1	-38,36533	-12,15857547	VS-70	1
-38,44195322	-12,11315219	VS-70	1	-38,36881728	-12,16797329	VS-250	2
-38,33448432	-12,18040465	VS-70	1	-38,36881728	-12,16797329	VS-70	1
-38,40895798	-12,13779517	VS-250	1	-38,31295404	-12,07325979	VS-70	1
-38,40627663	-12,13914525	MV-250	1	-38,39164622	-12,15275668	VS-70	1
-38,44171471	-12,14475363	MV-250	1	-38,39164622	-12,15275668	MV-250	1
-38,41338467	-12,14579515	VS-70	1	-38,36442985	-12,15630426	VS-70	1
-38,41867436	-12,19639683	VS-70	1	-38,33758104	-12,16436807	VS-70	1
-38,42075468	-12,15508182	VS-70	2	-38,32621279	-12,16915803	VS-70	1
-38,41694616	-12,21053151	VS-70	1	-38,30201332	-12,05262291	VS-70	1
-38,41716478	-12,11438209	VS-150	1	-38,39294953	-12,14976841	MV-250	1
-38,4065447	-12,12895188	VS-70	1	-38,35696584	-12,16891563	VS-70	1
-38,39799237	-12,14028964	VS-70	1	-38,31202436	-12,07417715	VS-70	1
-38,40197489	-12,14255527	VS-70	1	-38,30211316	-12,05301236	VS-70	1
-38,47374651	-12,14569551	VS-70	1	-38,31070494	-12,07408743	VS-70	1
-38,4021546	-12,14410518	VS-70	1	-38,32682109	-12,16943637	VS-70	1
-38,39227284	-12,15022129	MV-250	1	-38,31041756	-12,07384343	VS-70	1
-38,45502313	-12,15254036	VS-70	1	-38,33786266	-12,16205475	VS-70	1
-38,44876314	-12,1385554	VS-70	1	-38,36543188	-12,16433288	VS-70	1
-38,3989302	-12,15267917	VS-70	1	-38,31680953	-12,07207856	VS-70	1
-38,44891663	-12,12673706	VS-70	1	-38,36853158	-12,16872153	VS-70	1
-38,45002789	-12,12559636	VS-70	2	-38,30461632	-12,05630365	VS-70	1
-38,44928447	-12,12575799	VS-70	1	-38,43472118	-12,22941308	VS-70	1
-38,44996216	-12,12502535	VS-70	1	-38,32742939	-12,17000806	VS-70	1
-38,4054413	-12,14622876	VS-70	1	-38,33928436	-12,16177313	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,41078799	-12,14277015	VS-250	1	-38,31805119	-12,07316018	MV-250	1
-38,4157964	-12,1129159	VS-70	1	-38,33833602	-12,1632831	VS-70	1
-38,43970842	-12,14647835	MV-250	1	-38,36665053	-12,16264317	VS-250	1
-38,44568898	-12,13269175	VS-70	1	-38,36684995	-12,16345612	MV-250	1
-38,44821804	-12,15470696	VS-70	1	-38,36693279	-12,16371988	LD-50	1
-38,41069132	-12,12734031	VS-250	1	-38,43011809	-12,1153738	MV-250	1
-38,42846304	-12,13101702	VS-250	1	-38,46294818	-12,14073547	VS-250	1
-38,40304303	-12,12622023	VS-70	1	-38,43415806	-12,12967042	MV-250	1
-38,43811311	-12,13619039	MV-250	1	-38,34209442	-12,16546643	VS-70	1
-38,43082749	-12,1538454	VS-250	1	-38,44013807	-12,14469369	VS-250	1
-38,41584627	-12,17908664	MV-400	1	-38,45781963	-12,22524767	VS-70	1
-38,45787646	-12,14006209	MV-250	1	-38,40863805	-12,12962855	VS-70	1
-38,41157141	-12,11175034	VS-70	1	-38,43178975	-12,13926531	MV-250	1
-38,42287322	-12,13139516	MV-250	1	-38,4269797	-12,13256697	VS-250	1
-38,4244581	-12,13177195	VS-250	1	-38,41875145	-12,11424536	VS-70	1
-38,41334783	-12,11544419	VS-70	1	-38,47624964	-12,21623333	MV-250	1
-38,43066639	-12,13278365	VS-250	1	-38,40028451	-12,20020314	VS-70	1
-38,41060292	-12,15425017	MV-250	1	-38,43915145	-12,12974873	VS-70	1
-38,50532981	-12,18524375	MV-250	1	-38,41362705	-12,14273001	VS-250	1
-38,3918494	-12,23030461	VS-70	1	-38,34444263	-12,20942952	VS-70	1
-38,44312986	-12,11388551	VS-70	1	-38,42549677	-12,127347	VS-150	1
-38,4543266	-12,13985381	MV-250	1	-38,43630513	-12,00562777	VS-70	2
-38,41100139	-12,15189254	MV-250	1	-38,43630513	-12,00562777	MV-250	1
-38,45411355	-12,13956365	MV-250	1	-38,43322647	-12,04158904	VS-70	1
-38,44354143	-12,14997867	VS-250	1	-38,51107316	-12,19767363	VS-250	1
-38,48348903	-12,1384745	VS-70	1	-38,40401296	-12,13378188	VS-250	1
-38,41323967	-12,14536015	VS-250	1	-38,41926849	-12,14394607	VS-250	1
-38,41323967	-12,14536015	VS-70	1	-38,44148175	-12,14745113	VS-250	1
-38,4358464	-12,14102369	MV-250	1	-38,43413472	-12,13157541	MV-250	1
-38,45013808	-12,15383532	VS-250	1	-38,40782796	-12,14598519	MV-250	1
-38,43189471	-12,15237693	VS-250	1	-38,44256907	-12,12719428	VS-250	1
-38,43189471	-12,15237693	VS-70	1	-38,44300312	-12,13323876	MV-250	1
-38,37375123	-12,10254686	VS-70	1	-38,42160136	-12,13441199	MV-400	1
-38,39950993	-11,96172289	VS-70	1	-38,40251129	-12,14025018	MV-250	1
-38,41335638	-12,12916357	VS-70	1	-38,41189267	-12,13088771	VS-70	1
-38,31889251	-12,07479324	VS-70	1	-38,44315375	-12,15599523	VS-70	1
-38,43320308	-12,14026534	MV-250	1	-38,44765506	-12,1557134	MV-250	1
-38,44516978	-12,13538875	VS-250	1	-38,42200677	-12,19370019	VS-70	1
-38,41701472	-12,1159737	VS-150	1	-38,43394474	-12,13189035	VS-250	1
-38,42601297	-12,12772153	VS-150	1	-38,42249465	-12,14331028	VS-70	1
-38,42335187	-12,15074716	VS-250	1	-38,43224439	-12,21212452	VS-70	1
-38,41265968	-12,15146679	VS-70	1	-38,4158422	-12,10907494	VS-70	1
-38,43495315	-12,12190209	VS-150	2	-38,3993549	-12,14413245	VS-70	1
-38,37692477	-11,98159258	VS-70	1	-38,40833832	-12,13068957	VS-70	1
-38,42400635	-12,14292697	VS-250	1	-38,43587144	-12,14409697	VS-70	1
-38,44160952	-12,11171731	VS-150	1	-38,41466352	-12,14726843	VS-150	1
-38,44254852	-12,11139401	MV-150	1	-38,4386864	-12,1414203	VS-250	1
-38,42465304	-12,14025861	MV-400	1	-38,4386864	-12,1414203	VS-250	1
-38,4332382	-12,14893191	MV-250	1	-38,41776239	-12,16092251	VS-250	1
-38,38126792	-12,13396344	VS-70	1	-38,44126976	-12,12954543	MV-250	1
-38,46251617	-12,2722196	VS-70	1	-38,41274468	-12,1259886	VS-250	1
-38,41986408	-12,14534721	VS-250	1	-38,40571299	-12,13843183	MV-250	1
-38,42583806	-12,13117034	VS-150	1	-38,41720732	-12,13854474	MV-250	1
-38,41963669	-12,13779257	MV-400	1	-38,43002474	-12,11915372	MV-250	1
-38,41678853	-12,14915512	VS-250	1	-38,41870214	-11,94179953	VS-70	1
-38,42901634	-12,15139188	VS-250	1	-38,43380684	-12,1472963	VS-150	1
-38,3398244	-12,15661316	VS-70	1	-38,40516634	-12,12327858	MV-250	1
-38,42327468	-12,14224696	VS-250	1	-38,40516634	-12,12327858	VS-70	1
-38,42327468	-12,14224696	VS-150	1	-38,43772811	-12,13466867	VS-250	1
-38,40696832	-12,13864421	MV-250	1	-38,42304558	-12,15144181	MV-250	1
-38,42216965	-12,11985709	VS-70	1	-38,44363479	-12,144157	VS-70	1
-38,44577661	-12,13495846	VS-70	1	-38,4438798	-12,14347037	VS-70	1
-38,3935717	-12,14969736	VS-70	1	-38,42381541	-12,13825233	MV-400	1
-38,40696465	-12,13162191	MV-250	1	-38,4939915	-12,17457201	VS-70	1
-38,44306305	-12,14876366	VS-70	1	-38,40277932	-12,15221498	VS-70	1
-38,40236795	-12,12724269	VS-70	1	-38,44723623	-12,15608408	MV-150	1
-38,40236795	-12,12724269	VM-400	1	-38,43154979	-12,12351871	VS-400	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,40236795	-12,12724269	VS-250	1	-38,45109568	-12,15971821	VS-70	1
-38,43092737	-12,14808086	VS-70	1	-38,36581607	-12,18218816	MV-250	1
-38,40565801	-12,1380852	MV-250	1	-38,39797904	-12,14296377	VS-250	1
-38,40565801	-12,1380852	MV-250	1	-38,39661179	-12,14219933	MV-250	1
-38,49173294	-12,24988653	VS-70	1	-38,42179469	-12,14743518	MV-250	1
-38,44822635	-12,13903752	VS-250	1	-38,44022475	-12,12952874	VS-70	1
-38,44822635	-12,13903752	VS-70	1	-38,43020634	-12,14709525	VS-250	1
-38,4417098	-12,13134544	VS-70	1	-38,42575811	-12,12558873	VS-70	1
-38,39890184	-12,12704532	MV-150	1	-38,42040842	-12,13718385	MV-400	1
-38,39925609	-12,1256429	MV-150	2	-38,41533635	-12,127462	VS-70	1
-38,39909589	-12,12685981	MV-150	1	-38,39109744	-12,15612409	VS-150	1
-38,46325983	-12,14078541	VS-250	1	-38,39156384	-12,1560392	VS-150	1
-38,41763158	-12,19551414	VS-70	1	-38,39999316	-12,13890209	VS-150	1
-38,41763158	-12,19551414	VS-400	1	-38,47508916	-12,14233578	MV-70	1
-38,42256305	-12,1252037	MV-250	1	-38,47508916	-12,14233578	MV-250	1
-38,40999632	-12,15541516	MV-250	1	-38,44514482	-12,12911211	VS-250	1
-38,41445467	-12,15535177	VS-70	1	-38,44514482	-12,12911211	VS-250	1
-38,39713624	-12,13463687	VS-250	1	-38,42948807	-12,13335863	MV-250	1
-38,42987049	-12,14946407	VS-70	1	-38,44189819	-12,11451388	VS-70	1
-38,44512509	-12,15307501	VS-70	1	-38,42273058	-12,12534064	VS-70	1
-38,3997146	-12,1330085	VS-250	1	-38,40360635	-12,12060359	VS-70	1
-38,3997146	-12,1330085	VS-70	1	-38,48622905	-12,21243335	VS-70	1
-38,4427369	-12,13296759	MV-250	1	-38,44630644	-12,15429365	VS-250	1
-38,44148047	-12,1334491	VS-70	1	-38,44652808	-12,15456533	VS-250	1
-38,39752418	-12,15404654	VS-70	1	-38,40306796	-12,14062185	VS-150	1
-38,30400638	-12,0561236	VS-70	1	-38,42029589	-12,14949181	VS-250	1
-38,40894238	-11,96890657	VS-70	1	-38,4014762	-12,12659713	VS-70	1
-38,42166636	-12,14656186	VS-400	1	-38,42178136	-12,13797524	MV-400	2
-38,44482649	-12,13468211	VS-70	1	-38,43088307	-12,12574705	VS-70	1
-38,44078829	-12,13078157	VS-70	1	-38,43088307	-12,12574705	VS-70	1
-38,44078829	-12,13078157	MV-250	1	-38,44865021	-12,14008237	VS-70	1
-38,40234131	-12,13818018	VS-150	1	-38,43253139	-12,13645198	MV-250	1
-38,42932806	-12,13975701	MV-250	1	-38,39271912	-12,1236968	MV-250	1
-38,41259293	-12,15323513	VS-400	1	-38,46147158	-12,25362771	VS-70	1
-38,41259293	-12,15323513	VS-70	1	-38,38670179	-11,95641202	VS-70	1
-38,43652346	-12,12116502	VS-150	1	-38,50544814	-12,186557	MV-250	1
-38,45587116	-12,15563112	VS-70	1	-38,4173802	-12,11899554	VS-70	1
-38,45587116	-12,15563112	VS-70	1	-38,4173802	-12,11899554	VS-150	1
-38,41892633	-12,14231027	VS-250	1	-38,41020633	-12,1181987	VS-70	1
-38,4004488	-12,14125908	VS-70	1	-38,45387247	-12,16126011	VS-70	1
-38,46842955	-12,24159855	VS-70	1	-38,41568298	-12,14608684	VS-250	1
-38,44826958	-12,15957642	VS-70	1	-38,41568298	-12,14608684	VS-250	1
-38,44743788	-12,16075913	VS-150	1	-38,43984383	-12,13195181	VS-70	1
-38,44530292	-12,16030384	VS-70	1	-38,4177063	-12,15036681	VS-250	1
-38,44701041	-12,15828709	VS-70	1	-38,39199788	-12,15771339	MV-250	1
-38,41584432	-12,10713045	VS-70	1	-38,43263807	-12,13472538	VS-250	2
-38,41390036	-12,10961762	VS-70	1	-38,44747082	-12,14326641	VS-70	1
-38,42117133	-12,1358003	VS-400	2	-38,41526302	-12,14924519	VS-250	1
-38,40411464	-12,14207851	MV-250	1	-38,4039246	-12,14240182	VS-70	1
-38,4290232	-12,20809803	VS-70	1	-38,4039246	-12,14240182	MV-250	1
-38,44212142	-12,14715533	VS-250	1	-38,40049742	-11,9483913	VS-70	1
-38,43244951	-12,22619979	VS-70	1	-38,39630304	-12,15368371	VS-70	1
-38,42282637	-12,14281195	VS-250	1	-38,39346464	-12,11844855	VS-70	1
-38,43761171	-12,04366257	VS-70	1	-38,44447558	-12,11451538	MV-250	1
-38,40801306	-12,12364358	VS-70	1	-38,44581424	-12,11394732	MV-400	4
-38,41814648	-12,09294717	VS-70	1	-38,44581424	-12,11394732	VS-250	1
-38,46666785	-12,24530483	VS-70	1	-38,44041483	-12,1356597	MV-250	1
-38,39948456	-12,15040846	MV-250	1	-38,42691303	-12,14909354	MV-250	1
-38,44616956	-12,12354702	VS-70	1	-38,43562805	-12,13383539	MV-250	1
-38,39964561	-12,19804702	VS-70	2	-38,52813653	-12,1845539	VS-70	1
-38,43418144	-12,13687868	MV-250	1	-38,40964963	-12,13981356	VS-250	1
-38,44447176	-12,13057301	MV-250	1	-38,41660631	-12,14643688	MV-250	2
-38,39800296	-12,13822082	VS-70	1	-38,41660631	-12,14643688	VS-70	1
-38,39800296	-12,13822082	MV-250	1	-38,42617275	-12,25418123	VS-70	1
-38,43077965	-12,15037023	VS-250	1	-38,41769777	-12,14724984	VS-70	1
-38,43419307	-12,13341536	VS-70	1	-38,41769777	-12,14724984	MV-250	1
-38,39542876	-12,11531807	VS-70	1	-38,32952435	-12,17847962	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,39022721	-12,15501614	VS-150	1	-38,35526941	-12,20977625	VS-70	1
-38,39044572	-12,15567119	VS-150	1	-38,35526941	-12,20977625	MV-400	1
-38,39624795	-12,14499842	VS-70	1	-38,50215623	-12,26661112	VS-70	1
-38,43981311	-12,12773207	VS-70	1	-38,51557782	-12,20006351	VS-70	1
-38,42596297	-12,15423465	VS-150	1	-38,49432312	-12,17215544	VS-70	1
-38,4190997	-12,12577031	MV-250	1	-38,48972485	-12,17354535	VS-70	1
-38,43548144	-12,11837212	VS-250	1	-38,41329783	-12,22809964	VS-70	1
-38,43548144	-12,11837212	MV-250	1	-38,41814821	-12,15638339	MV-250	1
-38,29244976	-12,08708847	VS-70	1	-38,41690833	-12,13138611	VS-70	1
-38,39548963	-12,10376537	VS-70	1	-38,4145147	-12,14433191	VS-70	1
-38,4119818	-12,15134018	VS-70	1	-38,39798133	-12,13415519	VS-70	1
-38,41890471	-12,12642532	MV-250	1	-38,40244891	-12,20586486	VS-70	1
-38,39825188	-12,12632807	MV-250	1	-38,44212976	-12,12785377	VS-150	1
-38,39760103	-12,12794245	MV-250	1	-38,42231304	-12,14056857	VS-250	1
-38,39833778	-12,12582702	MV-250	1	-38,42902139	-12,13169865	MV-250	1
-38,40432464	-12,13914189	MV-250	1	-38,4232481	-12,11787206	VS-70	1
-38,40640262	-12,13981325	MV-250	1	-38,43099305	-12,13449364	VS-250	1
-38,36031173	-12,12599981	VS-70	1	-38,32148609	-12,17834137	VS-70	1
-38,41607884	-12,10857637	VS-70	1	-38,3427979	-12,21488176	VS-70	1
-38,42288531	-12,12034487	VS-70	1	-38,39883956	-12,12064001	MV-250	1
-38,4422417	-12,14463818	VS-70	1	-38,49204987	-12,16859372	VS-70	1
-38,43823978	-12,12177713	VS-70	1	-38,49090818	-12,16931875	VS-70	1
-38,44150147	-12,12916872	VS-70	1	-38,43434839	-12,11886703	MV-250	1
-38,41870033	-12,13756063	MV-400	1	-38,4401205	-12,14065566	MV-250	1
-38,41312965	-12,14633355	VS-250	1	-38,41237636	-12,13982856	MV-250	1
-38,42165308	-12,12310703	VS-70	1	-38,36328609	-12,18561474	VS-70	1
-38,42091202	-12,11780739	VS-250	1	-38,43957571	-12,11435621	MV-250	1
-38,42091202	-12,11780739	VS-70	1	-38,41460971	-12,117912	MV-250	1
-38,42755757	-12,13488637	VS-250	1	-38,43755842	-12,14334581	VS-400	1
-38,44141398	-12,13703044	VS-250	1	-38,43792653	-12,11263554	MV-250	1
-38,41561807	-12,11654708	VS-250	1	-38,42329807	-12,13736532	VS-400	1
-38,40532634	-12,13058193	MV-250	1	-38,40684799	-12,14234515	MV-250	1
-38,43052482	-12,10440388	VS-70	1	-38,41870136	-12,12370364	VS-150	3
-38,34232012	-12,21622042	VS-70	1	-38,41870136	-12,12370364	VS-150	1
-38,4165164	-12,12589195	VS-70	1	-38,41870136	-12,12370364	MV-150	1
-38,41225608	-12,23615127	VS-70	1	-38,41285136	-12,12480365	VS-70	1
-38,40684218	-12,22166525	VS-70	1	-38,41645834	-12,13789158	MV-400	1
-38,49058463	-12,23354169	VS-70	1	-38,44749145	-12,1125241	MV-250	1
-38,49360813	-12,17216702	VS-70	1	-38,43138303	-12,13506702	VS-250	1
-38,45359981	-12,14064043	MV-250	1	-38,41931808	-12,11366376	MV-400	1
-38,42534306	-12,13981194	MV-400	1	-38,41931808	-12,11366376	VS-150	1
-38,35740771	-12,21037118	VS-70	1	-38,4399581	-12,12328882	VS-70	1
-38,39690433	-12,14225632	MV-400	1	-38,41450895	-12,10977354	VS-70	1
-38,40063409	-12,13006885	MV-250	1	-38,47661225	-12,21919802	VS-250	1
-38,40604793	-12,13988185	MV-250	1	-38,47661225	-12,21919802	VS-250	1
-38,40604793	-12,13988185	MT-500	1	-38,41432243	-12,11803899	VS-70	1
-38,43419307	-12,13341536	VS-250	1	-38,41772136	-12,1275503	VS-250	1
-38,43604636	-12,14384529	MV-250	1	-38,41922804	-12,11888873	VS-250	1
-38,44988147	-12,14260707	VS-70	1	-38,46045676	-12,26312577	VS-70	1
-38,44281482	-12,11369216	VS-70	1	-38,40717029	-12,13890104	MV-250	1
-38,45648743	-12,15200641	VS-70	1	-38,42203306	-12,12637867	VS-250	1
-38,41868949	-12,23646297	VS-70	1	-38,41936021	-12,13503185	VS-250	1
-38,41791719	-12,19731252	VS-70	1	-38,43245381	-12,04048423	VS-70	1
-38,43987981	-12,24779065	VS-70	1	-38,44292311	-12,13725207	MV-250	1
-38,4023013	-12,13420691	VS-70	1	-38,50602315	-12,18737039	MV-400	1
-38,39526463	-12,11351697	VS-70	1	-38,50602315	-12,18737039	VS-250	1
-38,43934408	-12,13543044	MV-250	1	-38,45486585	-12,15052072	VS-70	1
-38,40204437	-12,15557975	VS-70	1	-38,43868472	-12,14408368	VS-70	1
-38,41745962	-12,15632183	MV-250	1	-38,40081299	-12,11782527	VS-70	1
-38,40091109	-12,22794966	VS-70	1	-38,43963317	-12,12274878	VS-70	1
-38,4224347	-12,12435873	VS-250	1	-38,35645939	-12,1712348	VS-150	1
-38,40988234	-12,11890275	VS-70	1	-38,43283116	-12,04583734	VS-70	1
-38,41031474	-12,1304816	MV-400	1	-38,39953273	-12,12113152	MV-250	1
-38,39687794	-12,13757879	VS-70	1	-38,41546084	-12,11150081	MV-250	1
-38,43608645	-12,14096531	VS-250	1	-38,41546084	-12,11150081	VS-150	1
-38,44371929	-12,11157297	VM-250	1	-38,41552286	-12,19952817	VS-70	1
-38,42533521	-12,13668258	VS-70	1	-38,44291819	-12,10606723	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,41373308	-12,113252	VS-70	1	-38,43318727	-12,14211987	VS-250	1
-38,41552628	-12,14725688	VS-250	1	-38,44165824	-12,14722628	VS-250	1
-38,41552628	-12,14725688	VS-250	1	-38,40480961	-12,13159021	VS-70	1
-38,42905099	-12,15032884	VS-250	1	-38,44901018	-12,00746453	VS-70	1
-38,42213084	-12,13706008	VS-400	1	-38,43705809	-12,13469705	VS-250	1
-38,42890975	-12,12674202	VS-150	1	-38,43661306	-12,13748705	MV-250	1
-38,44507935	-12,12343201	VS-70	1	-38,32436438	-12,18081627	VS-70	1
-38,44597649	-12,12350175	VS-70	1	-38,32702607	-12,18114799	VS-70	1
-38,42206301	-12,1404469	VS-250	1	-38,42748818	-12,21620186	VS-70	1
-38,43087808	-12,14425866	MV-150	1	-38,40504963	-12,14213851	MV-250	1
-38,43815184	-12,17551388	VS-70	1	-38,40308134	-12,11857193	VS-70	1
-38,43982645	-12,12698379	VS-150	1	-38,40115656	-12,14233383	MV-250	1
-38,43705309	-12,12663711	VS-70	1	-38,41497306	-12,12554194	VM-250	1
-38,4159173	-12,1332602	VS-250	1	-38,4164714	-12,12440696	VS-250	1
-38,42274776	-12,25418881	VS-70	1	-38,44504179	-12,15223919	VS-150	4
-38,41002905	-12,13302893	VS-70	1	-38,44504179	-12,15223919	MV-250	1
-38,40145791	-12,1368902	VS-150	1	-38,442081	-12,13325181	MV-250	1
-38,43239146	-12,12793374	VS-250	1	-38,43051808	-12,14680861	VS-70	1
-38,41514946	-12,13820374	MV-400	1	-38,43051808	-12,14680861	VS-250	1
-38,39196457	-12,13015685	MV-250	1	-38,4226497	-12,12431366	VS-70	1
-38,39196457	-12,13015685	VS-70	2	-38,33978934	-12,1658164	VS-70	2
-38,39901668	-11,94858118	VS-70	1	-38,4118514	-12,11071369	VS-70	1
-38,43660803	-12,14418365	VS-250	1	-38,4118514	-12,11071369	MV-400	1
-38,42897135	-12,14184029	VS-250	6	-38,41785692	-12,13760911	MV-400	1
-38,42010509	-12,1230844	MV-250	1	-38,4469651	-12,1309953	VS-150	1
-38,42289974	-12,13498026	MV-400	1	-38,43868585	-12,17475996	VS-70	1
-38,40366465	-12,13924352	MV-250	1	-38,4158888	-12,13877463	MV-400	1
-38,51207645	-12,19917197	VS-250	1	-38,4197184	-12,13752823	VS-400	1
-38,42873948	-12,14246811	VS-250	1	-38,4197184	-12,13752823	MV-400	1
-38,43643973	-12,13577199	MV-250	1	-38,40430284	-12,2018381	VS-70	1
-38,43169811	-12,11833043	VS-250	1	-38,45337632	-12,23161129	VS-70	1
-38,40008118	-12,19916312	MV-250	1	-38,42145411	-12,14029422	VS-250	1
-38,50031155	-12,20183727	VS-70	1	-38,48718309	-12,22853244	MV-250	1
-38,49429649	-12,17725703	VS-70	1	-38,40647132	-12,12494864	MV-250	1
-38,41250509	-12,10137233	VS-250	1	-38,4404698	-12,12564042	MV-250	1
-38,41158631	-12,14262354	VS-250	1	-38,4404698	-12,12564042	MV-250	1
-38,43312467	-12,11801192	MV-250	1	-38,44352591	-12,15742164	VS-70	1
-38,42139433	-12,12576984	VS-70	1	-38,44457238	-12,15768229	VS-70	1
-38,42139433	-12,12576984	VS-70	1	-38,42165301	-12,14333459	VS-400	1
-38,42310473	-12,13346699	VS-250	1	-38,4204773	-12,15687768	VS-70	1
-38,44005311	-12,13086708	VS-250	2	-38,4216881	-12,19366463	VS-70	1
-38,40138631	-12,13462017	VS-70	1	-38,44670465	-12,15697835	VS-70	1
-38,40138631	-12,13462017	MV-250	1	-38,44443021	-12,15707184	MV-250	1
-38,42754971	-12,1533485	VS-400	1	-38,44500032	-12,15659929	VS-70	1
-38,42754971	-12,1533485	VS-70	1	-38,40566965	-12,14411184	MV-250	1
-38,44483403	-12,11449949	MV-250	1	-38,45087676	-12,1551434	VS-70	1
-38,44622214	-12,114935	MV-250	1	-38,40734801	-12,14337016	MV-250	1
-38,41810818	-12,19361077	MV-400	1	-38,40112796	-12,13645685	VS-250	1
-38,44738248	-12,1320026	VS-70	1	-38,40112796	-12,13645685	MV-250	1
-38,44362479	-12,14846361	VS-70	1	-38,39717077	-12,13597699	VS-70	1
-38,41892604	-12,12318126	VS-70	1	-38,4224689	-12,12748733	VS-70	1
-38,43224045	-12,12257858	VS-150	1	-38,43088974	-12,15072858	VS-150	1
-38,41788134	-12,14247519	MV-250	1	-38,46052812	-12,1410804	VS-250	1
-38,412448	-12,13316024	MV-250	2	-38,41574043	-12,13881721	MV-250	1
-38,41267637	-12,13309027	MV-250	1	-38,41377464	-12,11115835	VS-70	1
-38,42332126	-12,12979674	VS-70	1	-38,4022596	-12,13714688	VS-150	1
-38,422503	-12,13453027	MV-400	1	-38,44963197	-12,1649263	VS-70	1
-38,44170477	-12,13907706	MV-400	1	-38,45557565	-12,25183587	VS-70	1
-38,44170477	-12,13907706	VS-150	1	-38,41372469	-12,13010472	VS-250	1
-38,44510761	-12,12320316	VS-70	1	-38,44462663	-12,15804625	VS-70	1
-38,30666298	-12,05851359	VS-70	1	-38,42114876	-12,19370158	VS-70	1
-38,40381963	-12,13193192	MV-250	1	-38,42972638	-12,14013868	MV-250	1
-38,39073609	-12,13203565	VS-70	1	-38,43008801	-12,14419194	MV-250	1
-38,41962347	-12,1436025	VS-250	1	-38,4088126	-12,12802925	MV-250	1
-38,39712664	-12,12844114	VS-400	1	-38,4088126	-12,12802925	VS-400	1
-38,39712664	-12,12844114	MV-250	1	-38,44787475	-12,14508032	VS-70	1
-38,41873142	-12,12973366	MV-250	1	-38,422533	-12,13210534	VS-250	2

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,4910796	-12,2535332	VS-70	1	-38,44114649	-12,11532219	VS-70	1
-38,41670132	-12,13867693	MV-250	1	-38,38898652	-11,95749787	VS-70	1
-38,41544306	-12,11904368	MV-250	1	-38,39712548	-12,13557299	MV-250	1
-38,41781806	-12,12956035	VS-70	1	-38,42376532	-12,14256394	VS-250	1
-38,40814966	-12,13721191	MV-250	1	-38,42748097	-12,07430384	VS-70	1
-38,43145975	-12,13143701	VS-250	1	-38,44254488	-12,1064647	VS-150	1
-38,41461107	-12,13167644	VS-250	1	-38,44180475	-12,14097705	VS-70	1
-38,44216642	-12,14175697	VS-70	1	-38,41435462	-12,15555349	MV-250	1
-38,41542903	-12,11594776	VS-70	1	-38,41435462	-12,15555349	VS-70	1
-38,44207149	-12,13150211	VS-70	1	-38,41987636	-12,1514902	VS-250	1
-38,40121054	-12,13529544	VS-70	1	-38,49398139	-12,21869012	VS-70	1
-38,41107801	-12,13309192	MV-250	1	-38,49404797	-12,23043836	VS-70	1
-38,4440071	-12,1247086	VS-250	1	-38,32307612	-12,1797313	VS-70	1
-38,39902291	-12,15044839	VS-250	1	-38,44554439	-12,21987691	VS-70	1
-38,44281983	-12,13077872	VS-70	1	-38,41515042	-12,13114858	VS-250	1
-38,44715473	-12,15320693	MV-250	1	-38,41549191	-12,14974004	MV-250	1
-38,42243984	-12,13698428	VS-400	1	-38,41578615	-12,20968979	VS-70	1
-38,42299624	-12,13707624	VS-400	1	-38,41611792	-12,20922462	VS-70	1
-38,4149662	-12,20068152	VS-70	1	-38,43908814	-12,14016031	VS-250	1
-38,48817634	-12,22419337	VS-70	1	-38,43084596	-12,14033846	VS-150	1
-38,45699878	-12,15233867	VS-70	1	-38,44653534	-12,13121835	VS-150	1
-38,39789254	-12,14216557	MV-400	1	-38,44653534	-12,13121835	VS-150	1
-38,40747312	-12,12170399	VS-70	1	-38,42166134	-12,15466514	VS-70	1
-38,42532303	-12,13358865	VS-250	1	-38,43484983	-12,12117209	VS-150	1
-38,39327831	-12,13920769	VS-400	1	-38,411543	-12,13004863	MV-250	1
-38,39327831	-12,13920769	VS-250	1	-38,41650342	-12,15654566	MV-250	1
-38,44273214	-12,15267201	MV-250	1	-38,4196286	-12,16004194	VS-70	1
-38,44273214	-12,15267201	MV-150	1	-38,40593298	-12,12568863	MV-250	1
-38,44273214	-12,15267201	MV-250	1	-38,42748978	-12,12848868	VS-150	1
-38,4427753	-12,15464141	VS-70	1	-38,40953278	-12,11895347	VS-70	1
-38,41074498	-11,97158795	VS-70	1	-38,43277481	-12,11997543	MV-250	1
-38,35733167	-12,19537114	VS-70	1	-38,43277481	-12,11997543	MV-400	1
-38,40686651	-12,0356758	VS-70	2	-38,46235451	-12,27355961	VS-70	1
-38,40686651	-12,0356758	MT-250	1	-38,38684893	-12,16037385	VS-70	1
-38,40679946	-12,10216936	VS-250	1	-38,51417461	-12,25137	VS-70	1
-38,40679946	-12,10216936	VS-70	1	-38,43116159	-12,14831624	VS-250	1
-38,39220285	-12,15584337	VS-70	1	-38,43116159	-12,14831624	VS-70	1
-38,45376311	-12,14615203	MV-250	1	-38,43116159	-12,14831624	VS-250	1
-38,45376311	-12,14615203	VS-70	1	-38,42524473	-12,14229692	MV-250	1
-38,42302037	-12,12437911	VS-70	1	-38,41963306	-12,12253035	VS-70	1
-38,43120467	-12,14913692	VS-250	1	-38,41963306	-12,12253035	VS-250	1
-38,43364474	-12,14598698	VS-250	1	-38,47063915	-12,16257522	VS-250	1
-38,39076861	-12,13152173	VS-70	1	-38,46589405	-12,1602402	VS-70	1
-38,42128473	-12,12367206	VS-70	1	-38,40849633	-12,12981862	VS-150	1
-38,41442925	-12,15387498	VS-250	1	-38,44735814	-12,14189868	VS-150	1
-38,43920329	-12,141228	VS-70	1	-38,42260749	-12,14064857	MV-400	1
-38,43920329	-12,141228	VS-250	1	-38,4206714	-12,12979533	MV-250	1
-38,42441969	-12,14118864	VS-250	1	-38,43033642	-12,13466697	VS-250	1
-38,4439202	-12,14322698	VS-70	1	-38,40431468	-12,13115192	VS-70	1
-38,4439202	-12,14322698	VS-250	1	-38,42615465	-12,1474852	MV-250	1
-38,41619124	-12,13316436	MV-250	1	-38,40100461	-12,14613516	MV-250	1
-38,40954968	-12,13131191	VS-70	1	-38,43033328	-12,12498763	VS-150	1
-38,43187477	-12,1198704	MV-250	1	-38,39723446	-12,14040686	MV-250	1
-38,41890137	-12,13506861	VS-400	1	-38,40785937	-12,12773135	VS-250	1
-38,44221142	-12,13577535	VS-250	1	-38,40785937	-12,12773135	VS-70	1
-38,44221142	-12,13577535	MV-250	1	-38,40216126	-12,13351353	VS-70	1
-38,41940948	-12,1373436	MV-400	1	-38,42043968	-12,12957361	MV-250	1
-38,43145475	-12,12770709	MV-250	1	-38,33557767	-12,16776469	VS-70	1
-38,43293814	-12,1197171	MV-250	1	-38,40128628	-12,13422683	VS-70	1
-38,4363681	-12,13678365	MV-250	1	-38,43327806	-12,14559859	VS-250	1
-38,4243781	-12,13120862	VS-250	1	-38,43327806	-12,14559859	MV-400	15
-38,44936691	-12,00707285	VS-70	1	-38,43327806	-12,14559859	VS-150	5
-38,44406952	-12,12433964	VS-150	1	-38,41480804	-12,11464533	VS-70	1
-38,44032286	-12,11381488	VM-250	1	-38,4298214	-12,1486119	VS-250	1
-38,41715466	-12,12735195	VS-250	1	-38,43967327	-12,15233722	VS-70	1
-38,40945913	-12,1560435	MV-250	1	-38,44161874	-12,15420819	VS-70	1
-38,40897182	-12,13096869	VS-70	1	-38,50680651	-12,19022698	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,44269901	-12,14155746	VS-70	1	-38,38144295	-12,10484195	VS-70	1
-38,46511276	-12,14010208	MV-250	1	-38,45335035	-12,15763957	VS-70	1
-38,39963819	-12,12958162	MV-250	1	-38,45335035	-12,15763957	MV-250	1
-38,4669515	-12,13521553	VS-70	1	-38,41366964	-12,13535359	MV-1000	1
-38,4748853	-12,20774006	VS-70	1	-38,41366964	-12,13535359	MT-500	1
-38,42222805	-12,13153531	VS-250	1	-38,40055782	-12,2020881	VS-70	1
-38,41508993	-12,11479062	VS-70	1	-38,43279303	-12,14303528	VS-250	1
-38,41393476	-12,1150054	MV-250	1	-38,45373813	-12,15332197	VS-70	1
-38,44265695	-12,11257752	VS-150	1	-38,41168204	-12,11864273	VS-70	1
-38,44179259	-12,11225922	VM-250	1	-38,30863134	-12,06091194	VS-70	1
-38,44047249	-12,11435365	VS-150	1	-38,41588968	-12,1555068	VS-250	1
-38,43960693	-12,13210412	MV-250	1	-38,43881479	-12,13397538	MV-250	1
-38,43960693	-12,13210412	VS-70	1	-38,40038768	-12,12810834	VS-150	2
-38,47851451	-12,27220133	VS-70	1	-38,28138811	-12,10263179	VS-70	1
-38,43008479	-12,1163038	MV-250	1	-38,41569969	-12,12196364	VS-70	1
-38,4310981	-12,12401877	VS-400	1	-38,39206632	-12,11915691	VS-70	1
-38,40476466	-12,12147691	VS-70	1	-38,39731666	-12,14187236	MV-400	1
-38,4944615	-12,17813536	VS-70	1	-38,37635137	-12,04646721	VS-70	1
-38,41677336	-12,13782553	MV-400	1	-38,42006177	-11,93669904	VS-70	1
-38,41914336	-12,13751293	MV-400	1	-38,36105608	-12,18429477	VS-70	1
-38,40593918	-12,14612113	MV-250	1	-38,39899643	-12,05500982	VS-70	3
-38,39174121	-12,1403334	MV-250	1	-38,41044273	-12,24407127	VS-70	1
-38,39174121	-12,1403334	VS-70	1	-38,39475823	-11,94192158	VS-70	1
-38,39174121	-12,1403334	MV-400	1	-38,41667948	-12,24172962	VS-70	1
-38,43181695	-12,14088622	VS-70	1	-38,38521654	-11,94532626	VS-70	1
-38,46090486	-12,13860882	VS-70	1	-38,36112464	-12,03173049	VS-70	1
-38,44071866	-12,1462173	VS-250	1	-38,40586506	-11,94256477	VS-70	1
-38,414318	-12,12359029	MV-400	1	-38,37333377	-11,98654152	VS-400	1
-38,414318	-12,12359029	VS-70	1	-38,36022322	-11,98535447	VS-70	1
-38,41986807	-12,11847869	VS-70	1	-38,35501787	-12,03565884	MV-250	1
-38,41104645	-12,12249651	VS-70	1	-38,3669385	-11,99144692	VS-70	1
-38,40201134	-12,13311855	MV-250	1	-38,41794121	-11,94703159	VS-70	1
-38,40724758	-12,11920817	VS-70	1	-38,39492328	-11,94953294	VS-70	1
-38,38871128	-12,11454362	VS-70	1	-38,41956429	-11,94496343	VS-70	1
-38,42161144	-12,12345702	VS-70	1	-38,36693294	-12,04823049	VS-70	1
-38,39165963	-12,12158524	MV-250	1	-38,36632303	-11,99954737	VS-70	1
-38,40672304	-12,12804193	VS-70	1	-38,37749234	-11,95675209	VS-250	1
-38,35324076	-12,12735149	VS-70	2	-38,37749234	-11,95675209	VS-70	1
-38,43998819	-12,12032547	MV-250	1	-38,39456163	-11,94525468	VS-70	2
-38,43386137	-12,14373532	VS-250	1	-38,45892334	-11,93793111	VS-70	1
-38,41427136	-12,14323187	MV-250	1	-38,4578538	-11,93764192	VS-70	1
-38,40787797	-12,14065352	VS-250	1	-38,4578538	-11,93764192	LD-12	1
-38,40787797	-12,14065352	MV-400	1	-38,46316052	-11,93976194	VS-70	1
-38,40644804	-12,12604195	MV-250	1	-38,35763243	-12,03604082	MV-250	1
-38,41501909	-12,1119432	VS-250	1	-38,35844963	-12,00167905	VS-70	1
-38,41501909	-12,1119432	VS-70	1	-38,42767172	-12,00485273	VS-70	1
-38,40151298	-12,14344012	VS-70	1	-38,4174736	-11,94822614	VS-70	1
-38,40151298	-12,14344012	VS-150	1	-38,41157497	-12,00257596	VS-70	1
-38,45392647	-12,1413437	MV-250	1	-38,33770712	-12,04949613	VS-70	1
-38,42783475	-12,13169371	VS-250	1	-38,4304152	-11,93360173	VS-70	1
-38,42973875	-12,14986181	VS-70	1	-38,37744814	-11,97811593	VS-70	1
-38,433726	-12,03970296	VS-70	1	-38,36876136	-11,99042911	VS-70	1
-38,41859437	-12,13547509	VS-250	1	-38,40327999	-11,9434914	VS-70	1
-38,44008004	-12,13569484	MV-250	1	-38,38258981	-11,95047957	VS-70	1
-38,42233803	-12,13080861	VS-250	2	-38,36264296	-12,00788901	VS-70	1
-38,48267748	-12,26927279	VS-70	1	-38,37848597	-11,95863013	VS-250	1
-38,40992964	-12,13520188	VS-70	1	-38,40883466	-12,24501944	VS-70	1
-38,41316138	-12,12458868	VS-70	1	-38,44307534	-11,93313189	VS-70	1
-38,41103504	-12,13672942	VS-250	1	-38,39796139	-12,14177425	MV-400	1
-38,45023735	-12,12632982	VS-70	1	-38,42979046	-12,12565505	VS-150	1
-38,4475991	-12,12664026	VS-70	1	-38,42897727	-12,12431864	VS-250	1
-38,4175061	-12,13845103	MV-400	1	-38,40273448	-12,12977545	VS-250	1
-38,41859798	-12,13598698	VS-250	1	-38,40872466	-12,13523859	VS-70	1
-38,43104638	-12,13928198	MV-250	1	-38,40872466	-12,13523859	MV-150	2
-38,45207844	-12,16063286	VS-70	1	-38,33511605	-12,17604803	VS-150	1
-38,44695525	-12,12956606	VS-150	1	-38,40675337	-11,93618989	VS-70	1
-38,4472578	-12,1316428	VS-70	1	-38,40703002	-11,9359349	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,38859536	-12,15628798	VS-150	1	-38,43989814	-12,13417375	MV-250	1
-38,38922207	-12,15604541	VS-150	1	-38,43989814	-12,13417375	MV-250	1
-38,41333838	-12,14281481	VS-250	1	-38,41459957	-12,20706813	VS-70	1
-38,41333838	-12,14281481	VS-250	1	-38,41570633	-12,14115856	MV-250	1
-38,47316372	-12,21611656	VS-70	1	-38,42432309	-12,13092364	VS-250	1
-38,41140132	-12,13172861	MV-250	1	-38,50570812	-12,18339875	VS-70	1
-38,43892481	-12,12192875	VS-250	1	-38,34049265	-12,21616549	VS-70	1
-38,4200963	-12,15019388	VS-250	1	-38,41608797	-12,14727689	VS-70	1
-38,40007577	-12,0252969	VS-250	1	-38,41608797	-12,14727689	VS-250	1
-38,41600544	-12,15070366	VS-70	1	-38,39986287	-12,19765647	VS-250	1
-38,43283973	-12,13374699	VS-250	1	-38,4446992	-12,22044137	VS-70	1
-38,4249497	-12,1409486	VS-250	12	-38,41455796	-12,14490352	VS-70	1
-38,4415598	-12,11453887	VS-70	1	-38,41455796	-12,14490352	VS-250	1
-38,46528486	-12,13870719	MV-250	1	-38,42965474	-12,13958032	MV-250	1
-38,37720379	-11,95923171	VS-250	1	-38,44078478	-12,12920211	VS-70	1
-38,39805559	-12,142573	VS-250	1	-38,44078478	-12,12920211	VS-70	1
-38,39810353	-12,14219441	VS-150	1	-38,41297962	-12,14945513	MV-250	1
-38,40051389	-12,13109437	MV-250	1	-38,42048467	-12,15194186	MV-250	1
-38,4139052	-12,11095107	VS-70	1	-38,3988741	-12,12917747	MV-250	1
-38,42077627	-12,15634679	VS-70	1	-38,3988741	-12,12917747	MV-250	1
-38,41290137	-12,12549532	VS-70	1	-38,42172307	-12,13980356	MV-250	1
-38,40050926	-12,15579444	VS-70	1	-38,43001307	-12,15110687	VS-250	1
-38,41978138	-12,11881537	VS-70	1	-38,43968484	-12,12198042	VS-70	1
-38,42147138	-12,132577	VS-70	1	-38,41369807	-12,12674028	VS-70	1
-38,41495473	-12,10162382	VS-70	1	-38,43994141	-12,15180337	VS-70	1
-38,42694033	-12,14612243	MV-250	1	-38,44047048	-12,15475091	VS-70	1
-38,41788737	-12,13832968	MV-400	1	-38,50788492	-12,19254402	VS-150	1
-38,41746338	-12,13832518	MV-400	1	-38,50690651	-12,1886537	MV-250	1
-38,40384465	-12,1278536	VS-70	1	-38,42047973	-12,13950861	MV-250	1
-38,38754341	-12,15482524	VS-150	1	-38,34661952	-12,08062684	VS-70	1
-38,4077737	-12,12523969	MV-250	1	-38,37371339	-12,1071951	VS-70	1
-38,28409308	-12,10866176	VS-70	1	-38,37539066	-12,1037248	VS-70	1
-38,29691316	-11,96250314	VS-70	1	-38,36737124	-12,09445528	VS-70	1
-38,51575298	-12,25182494	VS-70	1	-38,36912165	-12,11158989	VS-70	1
-38,3467745	-12,03667874	VS-70	1	-38,36912165	-12,11158989	VS-250	1
-38,44940974	-12,1447404	VS-70	1	-38,368869	-12,11306948	VS-250	2
-38,39736444	-12,13737498	VS-70	1	-38,4587846	-12,22566039	VS-70	1
-38,39931455	-12,12768239	VS-70	1	-38,37904367	-12,10779982	VS-70	1
-38,3996515	-12,12724635	VS-250	1	-38,36634791	-12,09125024	VS-70	1
-38,3996515	-12,12724635	VS-70	1	-38,3896212	-12,14553008	VS-70	1
-38,400731	-12,12760802	VS-70	1	-38,37187363	-12,10526252	MV-250	1
-38,42436468	-12,14158358	VS-250	1	-38,37865711	-12,10820151	VS-70	1
-38,40878564	-12,11905815	VS-70	1	-38,35902286	-12,05678209	VS-70	1
-38,42069636	-12,12385366	VS-70	1	-38,32889349	-12,11124552	VS-70	1
-38,39839823	-12,13780197	VS-70	1	-38,36989119	-12,13663174	VS-70	1
-38,41876399	-12,15662698	MT-160	1	-38,36418958	-12,09307856	VS-70	1
-38,41558775	-12,14279218	MV-250	1	-38,4390898	-12,13735204	MV-250	1
-38,3997168	-12,14252577	VS-70	1	-38,37072	-12,1416301	VS-70	1
-38,41755438	-12,14908499	VS-250	1	-38,37682466	-12,04631892	VS-70	1
-38,43769812	-12,13209543	MV-250	1	-38,36754453	-12,13556006	VS-70	1
-38,42047126	-12,13698579	MV-400	1	-38,38157625	-12,13625179	VS-70	1
-38,43689473	-12,14534193	VS-70	1	-38,3731748	-12,1005437	VS-250	1
-38,38340525	-12,15934032	MT-160	1	-38,36712618	-12,09494853	VS-70	1
-38,40831134	-12,12507859	MV-250	1	-38,37485838	-12,10394062	VS-70	1
-38,43266148	-12,13012316	VS-70	1	-38,42341796	-12,16770507	VS-250	1
-38,43191152	-12,10371048	VS-70	1	-38,37618765	-12,1069833	VS-70	2
-38,41539789	-12,11047868	VS-70	1	-38,36521086	-12,13026057	VS-70	1
-38,41571548	-12,11001185	VS-70	1	-38,41360535	-12,16829026	VS-70	1
-38,41495117	-12,11009873	VS-70	1	-38,41360535	-12,16829026	VS-250	1
-38,42040636	-12,13293197	VS-250	1	-38,37941073	-12,1074226	VS-70	1
-38,33884941	-12,15788811	VS-70	1	-38,39116822	-12,13236706	VS-70	1
-38,44015039	-12,12741901	VS-250	1	-38,38851121	-12,14408672	VS-70	1
-38,41993775	-12,12312629	VS-70	1	-38,35705453	-12,08908017	VS-70	1
-38,41993775	-12,12312629	MV-250	1	-38,36162578	-12,12901066	VS-70	1
-38,41166817	-12,12346207	VS-100	1	-38,43790148	-12,11309217	VS-250	1
-38,41695462	-12,15358351	MV-250	1	-38,43790148	-12,11309217	VS-250	1
-38,40389215	-12,12691235	MV-250	1	-38,41936644	-12,11437707	VS-150	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,43353766	-12,12034481	VS-400	1	-38,43307293	-12,13022777	VS-70	1
-38,38908409	-12,15660778	VS-150	1	-38,42429026	-12,12807688	VS-70	1
-38,39065687	-12,15613043	VS-150	1	-38,45110973	-12,15855702	VS-70	1
-38,42264009	-12,14073493	MV-250	1	-38,50674801	-12,22977006	VS-70	1
-38,43196877	-12,12422191	MV-250	1	-38,39900838	-12,12803325	VS-70	1
-38,43196877	-12,12422191	VS-70	1	-38,43939472	-12,1392387	VS-250	1
-38,41758671	-12,15336964	MV-250	1	-38,39717676	-12,14232152	MV-400	1
-38,44156475	-12,14150702	VS-70	1	-38,40143469	-12,12924419	MV-250	1
-38,46919324	-12,14061048	VS-70	1	-38,42177873	-12,129259	VS-250	1
-38,43459142	-12,12141872	VS-150	1	-38,42800605	-12,13985575	MV-250	1
-38,42759069	-12,12534447	VS-70	1	-38,41855802	-12,14548049	VS-250	1
-38,4166461	-12,23083305	VS-70	1	-38,4272464	-12,13317198	VS-250	1
-38,44193155	-12,14448199	VS-70	1	-38,41526968	-12,15081517	VS-70	1
-38,41620131	-12,1548535	MV-250	1	-38,41583909	-12,1510467	VS-70	1
-38,41017231	-12,12906099	MV-250	1	-38,40445941	-12,23484124	VS-70	1
-38,40298525	-12,12593161	VS-70	1	-38,40445941	-12,23484124	VS-150	1
-38,49414633	-12,21709514	VS-250	1	-38,44624226	-12,11361023	VS-250	1
-38,39031232	-12,15791305	MV-250	1	-38,44538895	-12,11360686	MV-250	1
-38,41253802	-12,1288019	VS-70	1	-38,41197831	-11,97238288	VS-70	1
-38,41614547	-12,1099201	VS-70	1	-38,42180134	-12,13207864	VS-250	1
-38,42140308	-12,1214587	VS-70	1	-38,44773312	-12,15417533	VS-70	1
-38,38125022	-12,13428881	VS-70	1	-38,43534644	-12,14117035	MV-250	1
-38,46077331	-12,25569346	VS-70	1	-38,44323979	-12,12541875	VS-250	1
-38,43274308	-12,14105534	VS-250	1	-38,40047432	-12,14052805	VS-70	1
-38,43176972	-12,14799858	VS-250	1	-38,40248968	-12,13360356	VS-70	1
-38,46528153	-12,13914715	MV-250	1	-38,37469465	-12,02913061	VS-70	1
-38,50124476	-12,21573186	VS-70	1	-38,43552812	-12,12519044	VS-70	1
-38,41420286	-12,20335485	VS-70	1	-38,41934134	-12,13059696	MV-250	1
-38,49720967	-12,21223512	VS-70	1	-38,41265268	-12,12942707	VS-250	1
-38,39275607	-12,22976128	VS-70	1	-38,46612797	-12,22343492	VS-70	1
-38,43239885	-12,21332117	VS-70	1	-38,42942417	-12,12998264	VS-250	1
-38,42234477	-12,12876532	VS-70	1	-38,43910785	-12,24072306	VS-70	1
-38,50375361	-12,2642518	VS-70	1	-38,39864899	-12,14953171	MV-250	1
-38,3991172	-12,12953367	MV-250	1	-38,4275758	-12,13983195	VS-250	1
-38,3991172	-12,12953367	MV-250	1	-38,4275539	-12,15258215	VS-70	1
-38,41283187	-12,10200177	VS-70	1	-38,4411631	-12,144382	MV-250	1
-38,41721812	-12,11373373	VS-150	1	-38,44060148	-12,12887044	VS-70	1
-38,44391434	-12,15422557	VS-70	1	-38,43968638	-12,143922	VS-250	1
-38,42877288	-12,12303045	VS-70	1	-38,46176318	-12,13794879	MV-400	1
-38,42877288	-12,12303045	VS-150	1	-38,46176318	-12,13794879	VS-250	1
-38,46672975	-12,24803137	VS-70	1	-38,43167648	-12,11610215	MV-250	1
-38,4153946	-12,17777167	MV-400	1	-38,41240607	-12,12247857	VS-70	1
-38,44060006	-12,13388624	MV-250	1	-38,39798864	-12,14742326	MV-250	1
-38,44219644	-12,13269036	MV-250	1	-38,44436779	-12,14619251	VS-70	1
-38,44122976	-12,13416534	VS-250	1	-38,43204475	-12,13624702	VS-250	1
-38,44083314	-12,13422036	MV-250	1	-38,41559446	-12,24186457	VS-70	1
-38,41367456	-12,20384481	VS-70	1	-38,41352513	-12,13247733	MV-250	1
-38,38804527	-12,15360317	VS-150	1	-38,48890881	-12,22771106	VS-70	1
-38,38974474	-12,15456572	VS-150	1	-38,44558191	-12,15778899	VS-70	1
-38,38847555	-12,15587235	VS-150	1	-38,44643952	-12,15672759	MV-70	1
-38,43538643	-12,13590032	MV-250	1	-38,43673181	-12,00732114	VS-70	1
-38,43538643	-12,13590032	VS-70	1	-38,42249802	-12,19368418	VS-70	1
-38,42216341	-12,1200844	VS-70	1	-38,44428983	-12,15755407	VS-70	1
-38,40708135	-12,1414602	MV-250	1	-38,421523	-12,15624679	VS-70	1
-38,42140799	-12,15152016	VS-400	1	-38,42051109	-12,14571018	VS-70	1
-38,41761433	-12,12835043	MV-250	1	-38,40999193	-12,13636572	MV-250	1
-38,41761433	-12,12835043	VS-70	1	-38,42401808	-12,13694693	VS-400	1
-38,41970803	-12,12217204	VS-70	1	-38,42106425	-12,14956983	VS-250	1
-38,41970803	-12,12217204	MV-250	1	-38,42276997	-12,13858906	VS-250	1
-38,39578509	-12,14926787	VS-70	1	-38,42068637	-12,14313521	MV-250	1
-38,45862812	-12,14025876	MV-250	1	-38,43219812	-12,12472542	VS-70	1
-38,4263661	-12,136322	MV-250	1	-38,43219812	-12,12472542	VS-70	1
-38,45587906	-12,15364357	VS-70	1	-38,43219812	-12,12472542	VS-250	1
-38,39882569	-12,13991424	MV-400	1	-38,46107822	-12,25181607	VS-70	1
-38,39882569	-12,13991424	VS-70	1	-38,46107822	-12,25181607	VS-70	1
-38,44335473	-12,14168867	VS-70	1	-38,44321319	-12,13202521	VS-70	1
-38,43669474	-12,13695369	MV-250	1	-38,47710446	-12,27906631	MV-400	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,44734054	-12,13249505	VS-70	1	-38,4192847	-12,1299953	VS-70	1
-38,41181476	-12,1132954	MV-400	1	-38,42485263	-12,12697741	VS-150	1
-38,41181476	-12,1132954	VS-70	1	-38,42518294	-12,1271606	VS-150	1
-38,43762059	-12,14236959	VS-70	1	-38,3986554	-12,13674403	VS-250	1
-38,43199136	-12,15308194	VS-70	1	-38,41974471	-12,11563203	VS-70	1
-38,42948144	-12,11874879	MV-250	1	-38,43162815	-12,1197821	MV-250	1
-38,42216974	-12,12965033	VS-250	1	-38,40492968	-12,12085529	VS-70	1
-38,42216974	-12,12965033	VS-250	1	-38,40716823	-12,11920841	VS-70	1
-38,39832626	-12,14849347	MV-250	1	-38,41994972	-12,1331336	MV-250	1
-38,47113374	-12,16281066	MV-250	1	-38,45428809	-12,15411866	VS-70	1
-38,47511238	-12,16492413	MV-250	1	-38,41226787	-12,20124981	VS-70	1
-38,4076843	-12,12546177	MV-250	1	-38,40909127	-12,1551918	VS-70	1
-38,42261637	-12,15149691	MV-250	1	-38,40931181	-12,1338297	VS-70	1
-38,42522801	-12,14100031	VS-250	1	-38,41526123	-12,17743332	VS-400	1
-38,4383998	-12,13054871	VS-150	1	-38,41298941	-12,24190959	VS-70	1
-38,30363969	-12,05584696	VS-70	1	-38,42804305	-12,15345192	MV-250	1
-38,39232278	-12,22999959	VS-70	1	-38,42164898	-12,12213584	VS-70	1
-38,39232278	-12,22999959	VS-70	1	-38,42164898	-12,12213584	VS-70	1
-38,44336313	-12,13261708	MV-250	1	-38,40589828	-12,14674102	VS-70	1
-38,38871718	-12,15310411	MV-150	1	-38,44689528	-12,14005964	VS-70	1
-38,39072522	-12,15619226	VS-150	1	-38,41585661	-12,12644724	VS-70	1
-38,42588801	-12,14848855	MV-400	2	-38,41585661	-12,12644724	VS-150	1
-38,42588801	-12,14848855	MV-400	1	-38,39901305	-12,13040242	MV-250	1
-38,40285133	-12,14022681	VS-150	1	-38,42972804	-12,14888358	VS-250	1
-38,41775305	-12,13030532	VS-70	1	-38,45565196	-12,22320073	VS-70	1
-38,39671967	-12,11280364	VS-70	1	-38,42186459	-12,11681336	VS-70	1
-38,39671967	-12,11280364	VS-250	1	-38,43013978	-12,11807212	MV-250	1
-38,4149014	-12,10905203	VS-70	1	-38,43013978	-12,11807212	MV-400	1
-38,40686539	-12,14490957	VS-250	1	-38,3986787	-12,00264706	VS-70	1
-38,39623441	-12,15015773	VS-70	1	-38,42724088	-12,15313571	VS-150	1
-38,41185161	-12,15017022	MV-250	1	-38,44059557	-12,15254337	VS-70	1
-38,4790378	-12,26864967	FL-30	1	-38,44059557	-12,15254337	VS-250	1
-38,41586966	-12,14258858	MV-250	1	-38,44019591	-12,1526461	VS-70	1
-38,41268432	-12,12490503	VS-70	1	-38,44019591	-12,1526461	VS-250	1
-38,43268635	-12,14443691	VS-250	1	-38,44048101	-12,15511096	MV-250	1
-38,42945968	-12,14519198	VS-70	1	-38,37704123	-11,95967959	VS-70	1
-38,39698594	-12,15349195	VS-70	1	-38,49161653	-12,17431538	VS-70	1
-38,42692468	-12,1349236	MV-250	1	-38,51185978	-12,19887699	VS-250	1
-38,47611283	-12,16533521	VS-400	4	-38,51423184	-12,1730333	VS-70	1
-38,43162979	-12,10555382	VS-250	2	-38,48010952	-12,27107968	FL-30	1
-38,43043804	-12,15029025	VS-250	1	-38,44172642	-12,13055044	VS-70	1
-38,43912316	-12,14621561	MV-250	1	-38,41505939	-12,12934714	VS-250	1
-38,43842806	-12,14513367	VS-250	1	-38,40643548	-12,13742695	VS-70	1
-38,47609296	-12,2154517	VS-70	1	-38,4002547	-12,12859749	MV-250	1
-38,4358931	-12,12515371	VS-70	1	-38,44037814	-12,1266354	VS-150	1
-38,42579182	-12,12401745	VS-250	2	-38,44037814	-12,1266354	VS-250	1
-38,42579182	-12,12401745	VS-70	2	-38,40453164	-12,2058921	VS-70	1
-38,42579182	-12,12401745	MV-250	1	-38,38629819	-12,10587414	VS-250	1
-38,44225982	-12,11501214	VS-70	1	-38,42062781	-12,14988419	VS-400	1
-38,49684465	-12,20237092	VS-70	1	-38,42062781	-12,14988419	VS-250	1
-38,45232662	-12,14369855	VS-70	1	-38,40368445	-12,23201461	VS-70	2
-38,47152743	-12,13714618	VS-70	1	-38,40348853	-12,13360617	MV-250	1
-38,41142618	-12,20041981	VS-70	1	-38,41880139	-12,14043689	VS-250	1
-38,42240803	-12,13114532	VS-250	2	-38,43992416	-12,11435428	VM-250	1
-38,42299135	-12,14372356	MV-250	1	-38,44014241	-12,11409105	VS-150	1
-38,44403815	-12,13586042	MV-250	1	-38,40850135	-12,13646354	VS-250	1
-38,4425331	-12,14388536	VS-70	1	-38,36496454	-12,13560108	VS-70	1
-38,45349949	-12,14361999	MV-400	1	-38,50591797	-12,22896342	VS-70	1
-38,45349949	-12,14361999	VS-70	1	-38,49558319	-12,17862872	VS-70	1
-38,43191714	-12,13549656	VS-250	1	-38,42643626	-12,13239159	VS-70	1
-38,43675647	-12,12453373	VS-70	1	-38,37288344	-12,02812395	VS-70	1
-38,431198	-12,15027687	VS-250	1	-38,39577794	-12,14467843	VS-70	1
-38,42101641	-12,12173959	VS-70	1	-38,44806389	-12,1128019	VS-70	1
-38,41307135	-12,14726681	VS-70	1	-38,44806389	-12,1128019	MV-250	1
-38,43882478	-12,14007369	MV-250	1	-38,44269643	-12,13469507	VS-250	1
-38,44007746	-12,13830324	MV-250	1	-38,42678851	-12,14323503	MV-250	1
-38,44190478	-12,13171708	MV-250	1	-38,42560818	-12,08233224	VS-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,35533104	-12,20829122	VS-70	1	-38,42617927	-12,14970746	VS-250	1
-38,40691519	-12,11989469	VS-70	1	-38,43166805	-12,13314204	VS-250	1
-38,43574482	-12,12634204	MV-250	1	-38,41388636	-12,11356866	VS-70	1
-38,41343352	-12,10174903	VS-70	1	-38,43196639	-12,13710865	MV-250	1
-38,46418482	-12,14068377	VS-70	1	-38,41478969	-12,1476502	VS-70	1
-38,36572655	-12,18232725	MV-250	1	-38,44016815	-12,12314709	VS-70	1
-38,36527213	-12,18078196	VS-70	1	-38,40628757	-12,14730043	MV-250	1
-38,40840093	-12,11911707	VS-70	1	-38,4141164	-12,12019866	VS-70	1
-38,42007802	-12,1317236	VS-250	1	-38,4141164	-12,12019866	VS-250	1
-38,44481982	-12,12484217	MV-250	1	-38,4141164	-12,12019866	VS-70	1
-38,39932291	-12,15258174	VS-70	1	-38,41862782	-11,9415609	VS-70	1
-38,51434474	-12,20411531	MV-250	1	-38,44381979	-12,13804375	MV-250	1
-38,3912416	-11,94298299	VS-70	1	-38,40940332	-12,13228664	VS-70	1
-38,44961035	-12,12568074	VS-70	1	-38,41689806	-12,12523864	VS-70	1
-38,44606934	-12,12610958	VS-70	1	-38,44412406	-12,12715	VS-250	1
-38,44072014	-12,13707568	VS-250	1	-38,34049265	-12,21616549	VS-70	1
-38,47890762	-12,14128724	MV-250	1	-38,48964298	-12,22352836	VS-70	1
-38,39851792	-12,13283856	MV-400	1	-38,41044942	-12,24345455	VS-70	1
-38,39851792	-12,13283856	VS-70	1	-38,50786295	-12,24519499	MV-400	1
-38,43115978	-12,11907546	VS-250	1	-38,50630486	-12,1828754	VS-70	1
-38,46101649	-12,1421221	VS-70	1	-38,43569954	-12,22870145	VS-70	1
-38,43666144	-12,12663712	MV-400	1	-38,49310956	-12,25106321	VS-70	1
-38,40588801	-12,14335352	MV-250	1	-38,3994934	-12,00344291	VS-70	1
-38,41229466	-12,1554018	VS-70	1	-38,4077346	-12,15650012	VS-150	1
-38,41229466	-12,1554018	VS-250	1	-38,38761303	-12,16326402	VS-70	1
-38,41643684	-12,14211524	VS-250	1	-38,42927469	-12,15074689	VS-250	1
-38,43255476	-12,11905543	MV-250	1	-38,44440495	-12,14657223	VS-70	1
-38,46050481	-12,14248206	MV-250	1	-38,42292135	-12,13578693	MV-400	1
-38,43080977	-12,11933211	MV-250	1	-38,42046868	-12,13796755	MV-400	2
-38,40240627	-12,14197513	VS-70	1	-38,3712795	-12,0996825	VS-70	1
-38,43393312	-12,13747534	MV-250	1	-38,3977263	-12,13436517	VS-70	1
-38,41956168	-12,12746832	VS-70	1	-38,31926774	-12,07482457	VS-70	1
-38,40351464	-12,12149696	VS-70	1	-38,4162063	-12,14896351	VS-250	1
-38,36008197	-12,16476007	VS-70	1	-38,37006108	-12,18734144	VS-70	1
-38,36008197	-12,16476007	MT-160	1	-38,44012307	-12,143242	VS-70	1
-38,37047493	-12,13032247	MV-400	1	-38,42762503	-12,14239233	VS-250	1
-38,50105176	-12,20277654	VS-70	1	-38,41289472	-12,10347705	VS-70	1
-38,50105176	-12,20277654	MV-250	1	-38,42365545	-12,14061808	MV-250	1
-38,43495139	-12,13398365	VS-150	1	-38,43578639	-12,13986698	MV-250	1
-38,43130978	-12,11626876	MV-250	1	-38,4177431	-12,12020535	VS-150	1
-38,45137695	-12,13792473	MV-250	1	-38,44410944	-12,15600971	VS-70	1
-38,43603139	-12,1366253	MV-400	1	-38,44405566	-12,15470719	VS-70	1
-38,42596774	-12,14086463	MV-250	1	-38,39851825	-12,14049418	MV-250	1
-38,44623951	-12,14375954	VS-150	1	-38,42625077	-12,12351705	VS-70	1
-38,44806972	-12,15975078	VS-70	1	-38,39866133	-12,13397682	VS-70	1
-38,44613559	-12,15994561	VS-70	1	-38,43245643	-12,12700875	MV-400	1
-38,44247513	-12,00960948	VS-70	1	-38,41494143	-12,1143637	VS-70	1
-38,41665805	-12,12384699	MV-250	1	-38,42414975	-12,13671194	VS-400	1
-38,41665805	-12,12384699	VS-70	1	-38,4683599	-12,14066384	VS-70	1
-38,41117365	-12,1382641	VS-250	1	-38,40408794	-12,15096509	MV-250	1
-38,41117365	-12,1382641	VS-250	1	-38,41289804	-12,10861041	VS-70	1
-38,40496298	-12,13578856	VS-70	1	-38,41289804	-12,10861041	MV-250	1
-38,4216648	-12,1306459	VS-250	1	-38,411883	-12,13910018	VS-250	1
-38,42555005	-12,0029844	VS-70	1	-38,42188908	-12,13558536	MV-250	1
-38,42892638	-12,15398521	VS-250	1	-38,42023248	-12,15614692	VS-70	1
-38,43228469	-12,15083363	VS-70	1	-38,46484052	-12,26841045	VS-70	1
-38,4145131	-12,10180542	VS-70	1	-38,41100799	-12,14349517	VS-250	1
-38,4265105	-12,12648176	VS-70	1	-38,40095966	-12,1407252	VS-70	1
-38,4265105	-12,12648176	VS-250	1	-38,43604641	-12,12875376	VS-250	1
-38,37021288	-12,13710832	VS-70	1	-38,42300303	-12,1332436	VS-70	1
-38,42870133	-12,15364685	MV-250	1	-38,41550137	-12,12596863	VS-70	1
-38,40331632	-12,13555357	MV-250	1	-38,42825138	-12,12477535	MV-400	1
-38,44109907	-12,12262049	VS-70	1	-38,42825138	-12,12477535	VS-70	1
-38,42147569	-12,19430505	VS-70	1	-38,4331911	-12,12878683	VS-70	1
-38,38234618	-12,1465184	VS-70	1	-38,41818807	-12,13402532	MV-250	1
-38,42369318	-12,08673557	VS-70	1	-38,41283975	-12,10554543	VS-70	1
-38,42838309	-12,11778876	VS-250	1	-38,40081931	-12,13593379	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,403583	-12,1342985	MV-250	1	-38,41991482	-12,22272058	VS-70	1
-38,45331144	-12,13898545	MV-250	1	-38,40352297	-12,12417193	MV-250	1
-38,3817113	-12,1084186	MV-250	1	-38,43734479	-12,13370368	VS-70	1
-38,3817113	-12,1084186	MV-400	1	-38,43734479	-12,13370368	VS-250	1
-38,4420648	-12,11376549	VS-70	1	-38,425038	-12,14148857	MV-250	1
-38,4420648	-12,11376549	MV-400	1	-38,42531484	-12,08277395	VS-70	1
-38,42892809	-12,13492529	VS-250	1	-38,42531484	-12,08277395	VS-400	1
-38,40081562	-12,1236705	MV-250	1	-38,39675924	-12,13695719	VS-70	1
-38,4607297	-12,22639474	VS-70	1	-38,45614809	-12,15559532	MV-250	1
-38,41685813	-12,09949547	MV-250	1	-38,41173893	-12,12256191	VS-70	1
-38,41685813	-12,09949547	MV-400	1	-38,3983325	-12,13066293	MV-250	1
-38,42942637	-12,14902827	MV-250	1	-38,35048941	-12,18591632	VS-70	1
-38,38653582	-11,95605531	VS-70	1	-38,41919919	-12,15022025	MV-250	1
-38,37192793	-11,9926321	VS-70	1	-38,43972131	-12,10621702	VS-70	1
-38,42411634	-12,14317528	MV-250	1	-38,43972131	-12,10621702	VS-400	1
-38,41128824	-12,15424734	VS-250	1	-38,43369309	-12,12100544	VS-150	1
-38,41635237	-12,13792623	MV-400	1	-38,50772057	-12,19271771	VS-150	1
-38,43255651	-12,10782381	VS-250	1	-38,41228639	-12,13317855	MV-250	1
-38,41324051	-12,1478638	VS-70	1	-38,41518129	-12,15548515	VS-70	1
-38,41797518	-11,9371199	VS-70	1	-38,41853472	-12,1306053	VS-70	1
-38,44489024	-12,11567096	MV-250	1	-38,4425198	-12,13582202	MV-250	1
-38,44443611	-12,11404573	MV-250	1	-38,43351438	-12,14990129	VS-250	1
-38,44594836	-12,11510382	MV-250	1	-38,47617112	-12,27876459	VS-70	1
-38,42405137	-12,13651532	VS-400	1	-38,41479551	-12,12102431	VS-70	1
-38,44718514	-12,13356514	VS-150	1	-38,43650166	-12,04772084	VS-70	1
-38,44293151	-12,11432214	VS-70	1	-38,41470575	-12,11551043	VS-70	1
-38,41396793	-12,15187014	VS-70	1	-38,43899313	-12,11213388	VS-250	1
-38,40641542	-12,13791009	MV-250	1	-38,4115272	-12,10139497	VS-70	1
-38,40332126	-12,15151342	MV-250	1	-38,40402962	-12,12973189	VS-70	1
-38,40728471	-12,12444692	VS-70	1	-38,48396831	-12,13830907	VS-70	1
-38,39582454	-12,15312836	VS-70	1	-38,42142639	-12,12292871	MV-250	1
-38,44448869	-12,1236622	VS-70	1	-38,41864641	-12,12566036	MV-250	1
-38,4467122	-12,12267617	VS-70	1	-38,41563801	-12,12838694	VS-150	1
-38,39149352	-12,13005936	VS-70	1	-38,43222307	-12,14642197	VS-250	1
-38,42157475	-12,13398692	VS-250	1	-38,41625633	-12,12977365	VS-70	1
-38,42724251	-12,14270315	VS-250	1	-38,42890642	-12,12373539	VS-70	1
-38,44167319	-12,11297554	VS-70	1	-38,48968638	-12,22289003	VS-70	1
-38,44303913	-12,13213699	VS-70	1	-38,42776971	-12,13593698	VS-250	1
-38,40902963	-12,13560688	MV-250	1	-38,42776971	-12,13593698	VS-400	1
-38,43323311	-12,12519708	VS-70	2	-38,45501485	-12,13913711	MV-250	1
-38,43323311	-12,12519708	VS-400	1	-38,44980811	-12,15633861	VS-70	1
-38,42885974	-12,13944367	MV-250	1	-38,42159971	-12,15242851	VS-70	1
-38,43384642	-12,13632533	MV-250	1	-38,42822975	-12,1240854	MV-250	1
-38,36365952	-12,12925169	VS-70	1	-38,41099464	-12,15409684	MV-250	1
-38,41951667	-12,14384286	VS-250	1	-38,41408964	-12,15031347	VS-70	1
-38,41251127	-12,15046512	VS-250	1	-38,42786807	-12,13754527	VS-250	1
-38,41446633	-12,15244351	VS-70	2	-38,43568814	-12,12773376	MV-250	1
-38,49805048	-12,17179809	VS-70	1	-38,41370807	-12,12547861	VS-70	1
-38,49658982	-12,17229204	VS-70	1	-38,4499873	-12,15339574	VS-70	1
-38,41788448	-12,15149019	MV-250	1	-38,44132155	-12,15318166	VS-70	1
-38,42179642	-12,13881821	MV-250	1	-38,44153202	-12,15376825	VS-70	1
-38,4547341	-12,22663319	VS-70	1	-38,42177299	-12,1394869	MV-250	1
-38,42742079	-12,13408128	VS-250	1	-38,40656133	-12,12500198	MV-250	1
-38,43388134	-12,15059191	VS-250	1	-38,45345467	-12,16117332	VS-70	1
-38,41326803	-12,14218355	MV-250	1	-38,41224809	-12,15464635	MV-250	1
-38,41326803	-12,14218355	MV-250	1	-38,41600724	-12,10829118	VS-70	1
-38,41326803	-12,14218355	MV-250	1	-38,28212477	-12,1018251	VS-70	1
-38,41326803	-12,14218355	MV-250	1	-38,42567227	-12,1243138	VS-150	1
-38,41326803	-12,14218355	MV-250	1	-38,46387358	-12,26013092	FL-85	1
-38,41326803	-12,14218355	MV-250	1	-38,43816981	-12,13434207	MV-250	1
-38,41326803	-12,14218355	MV-250	1	-38,45318778	-12,25262647	VS-70	1
-38,41326803	-12,14218355	MV-250	1	-38,46102553	-11,93766693	MV-400	2
-38,41326803	-12,14218355	MV-400	1	-38,46102553	-11,93766693	MV-250	1
-38,422378	-12,13741028	MV-400	2	-38,41488137	-12,12162202	MV-250	1
-38,43993467	-12,15268859	VS-150	1	-38,41488137	-12,12162202	MV-250	1
-38,43993467	-12,15268859	VS-250	1	-38,3988029	-12,15302342	VS-70	1
-38,4408009	-12,15365348	VS-70	1	-38,42658464	-12,1490669	VS-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,38758457	-12,11545859	VS-70	1	-38,44228412	-12,13844439	MV-250	1
-38,43233709	-12,13929404	MV-250	1	-38,43742327	-12,14278068	VS-400	1
-38,43609333	-12,04294426	VS-70	1	-38,39764598	-12,14152082	MV-400	1
-38,42630148	-12,14049586	VS-250	1	-38,40105768	-12,12913168	MV-250	1
-38,44039642	-12,13974205	VS-70	1	-38,42355296	-12,14083845	VS-400	1
-38,50930854	-12,18995402	VS-70	1	-38,40053499	-11,96212123	VS-70	1
-38,48757293	-12,23500492	VS-70	1	-38,41282468	-12,14980183	MV-250	1
-38,40846636	-12,13524191	VS-250	1	-38,43231509	-12,1346183	MV-250	1
-38,39830043	-12,19893066	VS-70	1	-38,33668098	-12,17577801	VS-70	1
-38,39880644	-12,19880676	VS-70	1	-38,32152944	-12,17566966	VS-70	1
-38,42975306	-12,13345196	VS-250	1	-38,33358935	-12,17663466	VS-70	1
-38,42187641	-12,133272	VS-250	1	-38,41638754	-12,21955124	VS-250	1
-38,42068139	-12,12880699	VS-250	1	-38,41771196	-12,140776	MV-250	1
-38,44280649	-12,11322715	VS-70	1	-38,43092973	-12,14575865	VS-250	2
-38,43977976	-12,12598875	VS-150	1	-38,43052632	-12,15145021	VS-250	1
-38,40398359	-12,13940393	MV-250	1	-38,43018637	-12,14853022	VS-250	1
-38,39955945	-12,13916418	VS-150	1	-38,42790471	-12,15275026	VS-250	1
-38,39955945	-12,13916418	VS-400	1	-38,3444843	-12,20896115	VS-70	1
-38,40477533	-12,14146109	VS-150	2	-38,40453301	-12,11875526	VS-70	1
-38,49735625	-12,2499449	VS-70	1	-38,32804436	-12,18077135	VS-70	1
-38,41476743	-12,22578753	VS-70	1	-38,33489852	-12,21617217	VS-70	1
-38,42269342	-12,13660039	VS-400	1	-38,41989915	-12,2211587	VS-70	1
-38,40042796	-12,15309678	VS-70	1	-38,40083112	-12,22883297	VS-70	1
-38,42209049	-12,15540325	VS-70	1	-38,40083112	-12,22883297	MV-250	1
-38,43145311	-12,11781047	VS-250	1	-38,43425922	-12,20141924	VS-70	1
-38,43961285	-12,14607604	VS-70	2	-38,39321108	-12,22960622	VS-70	1
-38,34886947	-12,08125525	VS-70	1	-38,43985481	-12,13314039	MV-250	1
-38,34425764	-12,21314943	VS-70	2	-38,44923812	-12,13847204	VS-70	1
-38,46154153	-12,14224374	VS-150	1	-38,4530873	-12,16096404	VS-70	1
-38,42020303	-12,15226183	MV-250	1	-38,34424763	-12,21306951	VS-70	1
-38,43102469	-12,13968368	MV-250	1	-38,49402306	-12,21821679	VS-70	1
-38,42178803	-12,13917864	MV-250	1	-38,42211307	-12,13621365	MV-400	2
-38,41674306	-12,12946861	VS-70	1	-38,41744965	-12,13581358	VS-250	1
-38,45424931	-12,15136255	VS-70	1	-38,41384386	-12,13222906	VS-250	1
-38,47380195	-12,16426526	VS-250	1	-38,40354967	-12,14376515	VS-250	1
-38,42530181	-12,13913635	MV-400	1	-38,41385168	-11,97455623	VS-70	2
-38,46685983	-12,14119544	VS-250	1	-38,40990444	-12,13035424	VS-250	1
-38,50794319	-12,17956047	VS-70	1	-38,40990444	-12,13035424	VS-70	1
-38,41138563	-12,12230936	VS-70	1	-38,40990444	-12,13035424	MV-400	1
-38,40952608	-12,21184292	VS-70	1	-38,39341468	-12,11753204	MV-400	4
-38,43174457	-12,12801703	VS-70	1	-38,44720644	-12,12577447	VS-70	1
-38,47901826	-12,14020723	VS-70	1	-38,39329764	-12,13878738	MV-250	1
-38,44217479	-12,13465875	VS-250	1	-38,39329764	-12,13878738	VS-250	1
-38,41130467	-12,15134186	MV-250	1	-38,40013797	-12,155323	VS-70	1
-38,42945473	-12,13983529	VS-250	1	-38,44412312	-12,13071207	VS-70	1
-38,42683943	-12,25464787	VS-70	1	-38,40071131	-12,11852525	VS-70	1
-38,46016964	-12,22619055	VS-70	1	-38,46542168	-12,20886808	VS-70	1
-38,41321474	-12,16995049	VS-70	1	-38,29848136	-12,08289179	VS-70	1
-38,44962821	-12,12515007	VS-70	1	-38,39499467	-12,11577522	VS-70	1
-38,49701321	-12,17232044	VS-70	1	-38,43157475	-12,11883879	MV-250	1
-38,43540294	-12,19892197	VS-70	1	-38,41557786	-12,20354817	VS-70	1
-38,42456976	-12,13296696	VS-250	1	-38,42256788	-12,21077812	MV-250	1
-38,42525703	-12,1376249	VS-400	1	-38,42256788	-12,21077812	VS-70	1
-38,42525703	-12,1376249	VS-250	15	-38,40592774	-12,122111	VS-70	1
-38,42525703	-12,1376249	VS-250	8	-38,41505967	-12,15443517	VS-70	1
-38,41877804	-12,12878534	VS-70	1	-38,47132458	-12,22747157	VS-70	1
-38,37037125	-12,10004025	VS-70	1	-38,40410947	-12,23322797	VS-70	1
-38,4502598	-12,13906878	MV-250	1	-38,41558611	-12,23294633	VS-70	1
-38,43666813	-12,12781039	VS-70	1	-38,41497643	-12,11256868	VS-70	1
-38,43666813	-12,12781039	MV-400	1	-38,43304144	-12,1218271	VS-400	1
-38,41218665	-12,00563099	VS-70	1	-38,43962147	-12,12998877	VS-70	1
-38,44613867	-12,13543344	VS-70	2	-38,42139059	-12,15375965	VS-250	1
-38,45308111	-12,15269778	VS-70	1	-38,42139059	-12,15375965	MV-250	1
-38,3874246	-12,11650018	VS-70	1	-38,42139059	-12,15375965	VS-70	1
-38,40213109	-12,15049873	VS-70	1	-38,44047701	-12,14703648	MV-250	1
-38,40213109	-12,15049873	VS-400	9	-38,421643	-12,1507569	VS-400	1
-38,40213109	-12,15049873	VS-250	5	-38,46394128	-12,22312991	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,40213109	-12,15049873	VS-250	1	-38,42205753	-12,13607229	MV-400	1
-38,40959801	-12,13615859	MV-250	1	-38,42205753	-12,13607229	VS-400	1
-38,43212742	-12,1227239	VS-250	1	-38,44134521	-12,13216052	VS-70	1
-38,42212626	-12,12733779	VS-150	1	-38,44134521	-12,13216052	VS-250	1
-38,43304311	-12,1283054	VS-70	1	-38,43004306	-12,14793195	VS-250	1
-38,42230308	-12,12755867	VS-250	1	-38,43113644	-12,13342035	VS-70	2
-38,43074816	-12,11727546	MV-250	1	-38,43113644	-12,13342035	MV-250	2
-38,42205448	-12,12682191	VS-70	1	-38,43113644	-12,13342035	VS-400	1
-38,44021807	-12,14609368	VS-250	1	-38,43814978	-12,1307087	VS-70	1
-38,40127952	-12,12243551	MV-250	1	-38,42010141	-12,12077035	VS-70	1
-38,41107939	-12,24610119	VS-70	1	-38,45184746	-12,15207791	VS-70	1
-38,41835796	-12,15406182	VS-250	1	-38,42801406	-12,13950993	VS-250	1
-38,41835796	-12,15406182	MV-250	1	-38,41598968	-12,11985037	MV-250	1
-38,41348947	-12,22694967	VS-70	1	-38,41211218	-12,1263478	MV-250	1
-38,40249298	-12,13331023	MV-250	1	-38,41745449	-12,12190114	MV-250	1
-38,41907762	-12,14334556	VS-250	1	-38,43052471	-12,13293699	MV-250	1
-38,43122638	-12,14621691	VS-250	1	-38,38721038	-12,16235824	VS-70	1
-38,4319131	-12,11847213	VS-250	1	-38,40761724	-12,1191978	VS-70	1
-38,41982637	-12,15170187	MV-250	1	-38,43073296	-12,13164338	VS-250	1
-38,45130038	-12,13864874	VS-250	1	-38,41722796	-12,15053519	MV-250	1
-38,41776136	-12,13353197	MV-250	1	-38,51147146	-12,19828363	VS-250	1
-38,35894113	-12,17443146	VS-150	1	-38,42024308	-12,10626212	MV-250	1
-38,42871309	-12,12698701	MV-250	1	-38,42024308	-12,10626212	VS-70	1
-38,41425307	-12,11421704	VS-70	2	-38,41148519	-12,12912514	VS-250	1
-38,44035979	-12,12256711	VS-70	1	-38,41035798	-12,13247858	MV-250	1
-38,42308634	-12,15310684	VS-70	1	-38,43164637	-12,13655196	VS-250	1
-38,43686817	-12,12366711	VS-70	1	-38,42711299	-12,12862707	VS-150	1
-38,41370907	-12,13322426	VS-70	1	-38,42895485	-12,14214222	MV-250	1
-38,33563079	-12,21585961	VS-70	1	-38,43454969	-12,14305867	MV-250	1
-38,52859218	-12,18134495	VS-70	1	-38,42792342	-12,00526443	VS-70	1
-38,43159046	-12,21852413	VS-70	1	-38,42792342	-12,00526443	MV-250	1
-38,51470292	-12,25150663	VS-70	1	-38,40685945	-12,12471744	MV-250	1
-38,44582982	-12,13590539	VS-70	2	-38,41811149	-12,09184885	VS-70	1
-38,41826972	-12,1353353	MV-400	1	-38,41394434	-12,11697125	MV-250	1
-38,41205634	-12,13192857	VS-250	1	-38,42585287	-12,12618782	VS-70	1
-38,4251987	-12,14380584	VS-250	1	-38,41229635	-12,13065364	MV-250	1
-38,41238742	-12,1435138	VS-250	1	-38,43108149	-12,11894708	MV-250	1
-38,414468	-12,13724355	VS-250	1	-38,39967955	-12,12588239	VS-150	1
-38,46360438	-12,26056284	FL-85	1	-38,39009955	-12,15793338	MV-250	1
-38,45004421	-12,12639369	VS-70	1	-38,44487319	-12,12599212	VS-250	1
-38,41289305	-12,10625203	VS-70	1	-38,42041304	-12,1261287	VS-70	1
-38,43905975	-12,14349362	VS-70	1	-38,42041304	-12,1261287	MV-250	1
-38,43905975	-12,14349362	VS-250	1	-38,5003614	-12,21255683	VS-70	1
-38,410658	-12,13599524	VS-250	1	-38,40331823	-12,24626172	VS-70	1
-38,41571793	-12,17853171	MV-400	1	-38,43156461	-12,21985575	VS-150	1
-38,39073663	-12,15493894	VS-150	1	-38,50265962	-12,24678663	VS-70	1
-38,34244937	-12,21234614	VS-70	1	-38,44448658	-12,15607631	VS-70	1
-38,45835817	-12,14315211	MV-250	1	-38,43870316	-12,12901211	VS-70	1
-38,45698828	-12,1556506	MV-70	1	-38,4442015	-12,13285877	MV-250	1
-38,38744281	-12,15336935	VS-150	1	-38,42143806	-12,14275028	VS-250	1
-38,4175464	-12,13011696	VS-70	1	-38,41280796	-12,14699854	VS-70	1
-38,4175464	-12,13011696	MV-400	1	-38,45264145	-12,14349541	VS-70	1
-38,49668634	-12,23124165	VS-70	1	-38,42772308	-12,13905364	MV-250	1
-38,40263964	-12,13952681	VS-150	1	-38,39719435	-12,1386359	VS-70	1
-38,40278846	-12,13057259	VS-150	1	-38,42285233	-12,14209183	MV-400	1
-38,4639552	-12,25093701	VS-70	2	-38,42285233	-12,14209183	VS-150	1
-38,43892474	-12,13833199	VS-70	1	-38,42285233	-12,14209183	MV-250	1
-38,41939155	-12,12945515	MV-250	1	-38,46342027	-12,13965623	VS-70	1
-38,41219795	-12,14829015	VS-250	1	-38,42288706	-12,13655469	VS-400	1
-38,44267984	-12,11335552	VS-70	1	-38,41243634	-12,14764519	MV-250	1
-38,4195514	-12,11973541	VS-70	1	-38,41398965	-12,14361187	VS-250	1
-38,39915898	-12,13279275	VS-70	1	-38,41518627	-12,15387515	VS-70	1
-38,39915898	-12,13279275	MV-250	1	-38,35482608	-12,0568684	VS-70	1
-38,42947638	-12,15168019	VS-250	1	-38,4272932	-12,07580399	VS-70	2
-38,4064634	-11,93688487	MV-250	1	-38,50757545	-12,19216002	VS-150	1
-38,42708459	-12,14656662	VS-250	1	-38,5077313	-12,19232622	VS-150	1
-38,42741284	-12,21571658	VS-70	1	-38,43766621	-12,12814073	VS-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,39848406	-12,14327988	VS-70	2	-38,40627134	-12,13545189	MV-250	1
-38,39932634	-12,11865691	VS-70	1	-38,42316801	-12,13974526	VS-400	1
-38,39932634	-12,11865691	MV-250	1	-38,39960996	-12,13989042	VS-70	1
-38,42608536	-12,13960705	MV-250	1	-38,43046311	-12,1253587	VS-70	1
-38,3878496	-12,11507688	VS-70	1	-38,43046311	-12,1253587	MV-400	1
-38,40181944	-12,13805288	VS-150	1	-38,41621778	-12,23190799	VS-70	1
-38,4169547	-12,11991702	MV-250	1	-38,44361651	-12,13194879	VS-250	1
-38,44805478	-12,12648859	VS-70	1	-38,41762475	-12,12208036	MV-250	1
-38,43918975	-12,13698366	MV-250	1	-38,41074099	-12,11818351	VS-70	1
-38,43976152	-12,12303876	VS-70	1	-38,42084496	-12,1207564	VS-150	1
-38,43968314	-12,11073386	VS-70	1	-38,4394296	-12,14634639	MV-250	1
-38,35787107	-12,21065624	VS-70	1	-38,43391805	-12,13721534	MV-250	1
-38,40384136	-12,12351864	VS-70	1	-38,42769013	-12,13718405	VS-250	2
-38,43156973	-12,14823025	VS-250	1	-38,50718649	-12,17444212	VS-70	1
-38,47079793	-12,22735494	VS-70	1	-38,42715799	-12,14495857	VS-250	1
-38,40634959	-12,14754677	MV-250	1	-38,4141514	-12,124262	MV-250	1
-38,40545965	-12,1298569	VS-70	1	-38,43854333	-12,23813504	VS-70	1
-38,40545965	-12,1298569	MV-250	1	-38,5104415	-12,19645363	VS-250	1
-38,43770804	-12,14085198	MV-250	1	-38,43566304	-12,14162696	VS-250	1
-38,42996813	-12,1168321	MV-250	1	-38,44164145	-12,14199729	VS-150	1
-38,41235304	-12,13800254	VS-400	1	-38,44815021	-12,15312748	MV-250	1
-38,41841882	-12,15584672	MV-250	1	-38,41506961	-12,14739015	VS-70	1
-38,44389481	-12,14194035	VS-70	1	-38,44289818	-12,12833207	MV-250	1
-38,44389481	-12,14194035	VS-250	1	-38,44289818	-12,12833207	MV-250	1
-38,40565496	-12,0052976	VS-70	1	-38,41243282	-12,23588133	VS-70	1
-38,43272012	-12,00610442	VS-70	1	-38,44610473	-12,15402032	VS-250	1
-38,34121269	-12,15438643	VS-70	1	-38,40523799	-12,12803193	VS-70	1
-38,42716718	-12,12681991	VS-70	1	-38,40537967	-12,12771521	VS-70	1
-38,43115811	-12,11853209	MV-250	1	-38,40511635	-12,12664363	VS-70	1
-38,44927477	-12,13900874	VS-70	1	-38,40315793	-12,14096514	VS-150	1
-38,42621642	-12,14014694	VS-250	1	-38,44816644	-12,14487869	VS-70	1
-38,40440457	-12,15141514	VS-70	1	-38,44792318	-12,15975079	VS-70	1
-38,42356306	-12,14160688	VS-250	1	-38,50663803	-12,23188676	VS-70	1
-38,40793144	-12,12344971	VS-70	1	-38,46199284	-12,26377637	VS-70	2
-38,40345156	-12,00504762	VS-70	1	-38,45014579	-12,15720723	VS-150	1
-38,4345364	-12,14125369	VS-250	1	-38,40452468	-12,12934024	VS-70	1
-38,41844642	-12,151026	MV-250	1	-38,44644984	-12,11209567	MV-250	1
-38,41478806	-12,1291453	VS-250	1	-38,45957147	-12,14044047	MV-250	1
-38,41421965	-12,13968855	VS-250	1	-38,43943382	-12,13654745	VS-70	2
-38,4167457	-12,13888431	MV-250	1	-38,41268502	-12,15279238	VS-70	1
-38,41591128	-12,15247851	VS-70	1	-38,45589643	-12,15139868	VS-250	1
-38,41684843	-12,13367631	MV-250	1	-38,45589643	-12,15139868	VS-70	1
-38,41725804	-12,14131526	MV-250	1	-38,42033315	-12,14388259	MV-250	1
-38,41079593	-12,12817396	VS-150	1	-38,42571139	-12,14148365	VS-250	1
-38,36545502	-12,18109696	VS-70	1	-38,42707285	-12,14702631	MV-250	1
-38,43053851	-12,12343787	VS-70	1	-38,42707285	-12,14702631	MV-400	1
-38,41426296	-12,14000352	VS-250	1	-38,43503639	-12,13923037	MV-250	1
-38,44287646	-12,13792536	VS-250	1	-38,42610366	-12,15262585	VS-70	1
-38,3913132	-11,93975969	VS-70	1	-38,40075291	-12,14564678	VS-250	1
-38,43646142	-12,14559533	VS-250	1	-38,42987812	-12,1320337	VS-250	1
-38,43646142	-12,14559533	VS-70	1	-38,39999781	-12,19887479	VS-250	1
-38,4412981	-12,14286869	VS-70	1	-38,40975764	-12,1298349	VS-70	1
-38,44572315	-12,13422376	VS-70	1	-38,42662319	-12,07453735	VS-70	1
-38,4452348	-12,13415375	VS-70	1	-38,40645991	-12,120962	VS-70	1
-38,4452348	-12,13415375	MV-250	1	-38,40817795	-12,12477698	VS-70	1
-38,44164708	-12,1545812	VS-70	1	-38,47848131	-12,25743788	VS-250	1
-38,44439915	-12,13801816	VS-70	1	-38,43090796	-12,152505	VS-250	1
-38,404441	-12,12223007	VS-70	1	-38,4368714	-12,12944043	VS-70	1
-38,41272137	-12,12171861	VS-150	1	-38,46140652	-12,14051208	MV-250	1
-38,41272137	-12,12171861	VS-70	1	-38,43385802	-12,14447532	VS-250	1
-38,48433039	-12,23125314	VS-70	1	-38,43082809	-12,14196032	VS-70	1
-38,4052813	-12,12572683	VS-70	1	-38,43082809	-12,14196032	VS-250	1
-38,50581815	-12,18704035	VS-250	1	-38,40338112	-12,23154791	VS-70	1
-38,44359484	-12,11092683	VM-250	1	-38,40338112	-12,23154791	VS-400	6
-38,44330255	-12,11002107	VS-250	1	-38,44465614	-12,13680124	VS-70	1
-38,44349349	-12,01005613	VS-70	1	-38,44456568	-12,13705691	VS-70	1
-38,42838596	-12,14442162	MV-400	1	-38,4444582	-12,13731542	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,42838596	-12,14442162	MV-400	1	-38,44039972	-12,14003204	VS-70	1
-38,42229776	-12,25396285	VS-70	1	-38,51542525	-12,20021388	VS-70	1
-38,41241466	-12,13897023	VS-250	1	-38,51511432	-12,20038183	MV-250	1
-38,4520857	-12,13869357	HL-500	1	-38,51511432	-12,20038183	VS-70	1
-38,40851798	-12,13824685	MV-250	1	-38,49005633	-12,23559668	VS-70	1
-38,41063899	-12,15264384	MV-250	1	-38,48999316	-12,17829706	MV-250	1
-38,42722967	-12,21475272	VS-70	1	-38,41415462	-12,14415184	VS-70	1
-38,46870425	-12,25271318	VS-70	1	-38,43095301	-12,21437293	VS-70	1
-38,42504138	-12,13981363	VS-400	1	-38,42477662	-12,1456012	VS-250	1
-38,42829478	-12,12743874	VS-70	1	-38,43984715	-12,14064393	VS-150	1
-38,38643809	-12,11654743	VS-70	1	-38,42493966	-12,13347004	VS-250	1
-38,4251114	-12,14251193	MV-250	1	-38,44048101	-12,15511096	VS-150	1
-38,43160972	-12,14493693	VS-250	1	-38,44048101	-12,15511096	VS-70	1
-38,40389296	-12,12990686	VS-70	1	-38,49848915	-12,17230578	VS-70	1
-38,4766012	-12,27012466	VS-70	1	-38,43015976	-12,13332199	VS-250	1
-38,41210972	-12,12834698	VS-70	1	-38,40486636	-12,1302536	VS-70	1
-38,44173808	-12,13938035	VS-150	1	-38,40723635	-12,12874529	VS-70	1
-38,43184311	-12,13807702	MV-250	1	-38,43954645	-12,12321374	VS-70	1
-38,41613137	-12,14335855	MV-250	1	-38,4003878	-12,20115647	VS-70	1
-38,41613137	-12,14335855	MV-250	1	-38,4636019	-12,26085855	FL-85	1
-38,4166796	-12,1537585	MV-250	1	-38,38584851	-12,15961279	VS-70	1
-38,44184812	-12,12734877	VS-250	1	-38,40232128	-12,15218347	MV-250	1
-38,41466141	-12,12325198	VS-70	1	-38,4356464	-12,13089871	VS-70	1
-38,41466141	-12,12325198	VS-250	1	-38,41570849	-12,13340427	VS-250	1
-38,43130673	-12,0429068	VS-70	1	-38,42949305	-12,15000524	VS-250	1
-38,44507782	-12,11430899	MV-250	1	-38,4288497	-12,14197025	MV-250	1
-38,4440219	-12,11318841	VS-250	1	-38,4178215	-12,09432881	VS-70	1
-38,44582855	-12,11450142	MV-250	1	-38,4491481	-12,14377039	VS-70	1
-38,44582855	-12,11450142	MV-250	1	-38,43264477	-12,11698548	MV-250	1
-38,37339287	-12,10228022	VS-70	1	-38,43672811	-12,13416371	MV-250	1
-38,42836569	-12,14209109	VS-250	1	-38,3896429	-12,13918849	VS-250	2
-38,42329187	-12,14494873	VS-70	1	-38,39984145	-12,14048885	VS-70	1
-38,40697465	-12,12918024	MV-250	1	-38,41123415	-12,14789949	VS-250	1
-38,42792306	-12,13290034	VS-250	1	-38,41405801	-12,15540178	MV-250	1
-38,43198935	-12,12823684	VS-250	1	-38,42751152	-12,13461117	VS-250	1
-38,43198935	-12,12823684	VS-70	1	-38,41832304	-12,12476033	MV-250	1
-38,40601963	-12,14408019	MV-250	1	-38,47628343	-12,13905775	VS-250	1
-38,44815645	-12,14301867	VS-70	1	-38,39789911	-12,14196399	MV-400	1
-38,44815645	-12,14301867	VS-250	1	-38,40011453	-12,12890403	MV-250	1
-38,43866307	-12,13333204	VS-70	1	-38,41636131	-12,1393352	MV-400	1
-38,44033267	-12,13767145	MV-250	1	-38,41636131	-12,1393352	MV-250	1
-38,42325385	-12,13581994	VS-400	2	-38,42348575	-12,13348663	VS-70	1
-38,42379602	-12,07426564	VS-70	1	-38,42151969	-12,14291022	VS-250	1
-38,4483281	-12,13828369	VS-70	1	-38,40519657	-12,13988667	VS-250	1
-38,4435865	-12,12646875	VS-250	1	-38,41819799	-12,15094189	MV-250	1
-38,47397293	-12,24023656	VS-70	2	-38,40918462	-12,13848353	VS-250	1
-38,4036678	-12,1989448	VS-70	1	-38,44061983	-12,10973385	VS-70	1
-38,46684381	-12,1607133	MV-250	1	-38,35285107	-12,21021121	VS-70	1
-38,4199814	-12,12367037	VS-250	1	-38,32844104	-12,17263299	VS-70	1
-38,40427467	-12,11915198	VS-70	1	-38,32881102	-12,17916469	VS-70	1
-38,41963457	-12,15487069	VS-250	1	-38,42882453	-12,22395313	VS-70	1
-38,40516127	-12,13760357	MV-250	1	-38,49832285	-12,17374125	VS-70	1
-38,47884935	-12,14197837	VS-70	1	-38,36771484	-12,18565151	VS-70	1
-38,40312167	-12,12684095	VS-70	1	-38,43634645	-12,12864704	MV-250	1
-38,41235744	-12,14641316	VS-250	1	-38,43682482	-12,12625873	MV-250	1
-38,4810112	-12,26142474	VS-70	1	-38,42620321	-12,08126233	MV-400	1
-38,41556133	-12,1451135	VS-250	1	-38,44723064	-12,13442314	VS-70	2
-38,40686871	-12,13849876	MV-250	1	-38,42039603	-12,14082756	MV-250	1
-38,42815276	-12,12303337	VS-70	1	-38,41496078	-12,13905751	VS-400	4
-38,4499519	-12,12560532	VS-70	1	-38,43937819	-12,10489842	VS-70	1
-38,4337431	-12,14255863	MV-250	1	-38,42075636	-12,15090519	MV-250	1
-38,4373214	-12,13812366	MV-250	1	-38,43215308	-12,14753529	VS-250	1
-38,42788309	-12,12347041	VS-70	1	-38,41312342	-12,12969333	MV-400	1
-38,41483813	-12,13145037	VS-250	1	-38,44810476	-12,15603694	VS-250	1
-38,43160973	-12,13901194	MV-250	1	-38,41209421	-12,12510004	VS-70	1
-38,44115637	-12,14773699	MV-250	1	-38,42372435	-12,12234032	VS-250	1
-38,41491617	-12,20338816	VS-70	1	-38,42372435	-12,12234032	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,43130898	-12,21379946	VS-70	1	-38,42372435	-12,12234032	VS-70	1
-38,40822922	-12,1239636	VS-70	2	-38,39915992	-11,94465639	VS-70	1
-38,44472976	-12,13212704	MV-250	1	-38,42357352	-12,12044926	VS-70	1
-38,40927738	-12,12532998	VS-70	1	-38,43861647	-12,1303854	VS-70	1
-38,40342964	-12,13495854	MV-250	1	-38,43861647	-12,1303854	MV-250	1
-38,42317643	-12,10490882	VS-70	1	-38,45313406	-12,14370232	MV-400	1
-38,41189061	-12,15146917	VS-250	1	-38,45313406	-12,14370232	VS-70	1
-38,41936138	-12,13561023	VS-250	1	-38,46750002	-12,14064924	VS-250	1
-38,40895135	-12,1293953	MV-400	1	-38,27894857	-12,10842279	VS-70	1
-38,46721244	-12,25058162	VS-70	2	-38,396098	-12,15440354	VS-70	1
-38,47387292	-12,24071816	VS-70	1	-38,42317434	-12,13546053	VS-150	1
-38,40197354	-12,12648616	VS-70	1	-38,41687897	-12,142567	VS-250	1
-38,41545788	-12,21937473	VS-70	1	-38,48935646	-12,17349371	VS-70	1
-38,42581916	-12,15284406	VS-70	1	-38,43315783	-12,12988745	VS-70	1
-38,46001651	-12,14045042	MV-250	1	-38,43333855	-12,04113026	VS-70	1
-38,41336968	-12,1387536	VS-250	1	-38,43312316	-12,10689886	VS-250	1
-38,42976415	-12,21223549	VS-70	1	-38,43121644	-12,12787039	VS-250	1
-38,410058	-12,12824698	VS-70	1	-38,41762976	-12,14645024	MV-250	1
-38,42170838	-12,15389899	VS-70	1	-38,41315518	-12,1701493	VS-70	1
-38,42565637	-12,13345529	VS-250	1	-38,41476965	-12,15320346	VS-250	1
-38,43032975	-12,11639208	VS-250	1	-38,43096644	-12,12808372	MV-250	1
-38,41394466	-12,14633185	VS-70	1	-38,42057037	-12,14420098	MV-250	1
-38,41394466	-12,14633185	MV-400	1	-38,4361382	-12,11733703	VS-70	1
-38,5084498	-12,19258368	VS-250	1	-38,43785472	-12,13944038	VS-250	1
-38,39860118	-12,19860205	VS-70	1	-38,4661282	-12,13843044	VS-70	1
-38,40678863	-12,14670431	VS-70	1	-38,44546808	-12,14300035	VS-150	1
-38,43103648	-12,12332739	VS-70	1	-38,42500137	-12,14347524	VS-250	1
-38,40272259	-12,12821508	VS-70	1	-38,51155063	-12,1960989	VS-70	1
-38,40191578	-12,12806873	VS-70	1	-38,33325962	-12,2172572	VS-70	1
-38,40224097	-12,12759887	VS-250	1	-38,35528938	-12,20758787	VS-70	1
-38,40224097	-12,12759887	VS-70	1	-38,50760648	-12,19131198	MV-250	1
-38,42915467	-12,15100189	VS-250	1	-38,50819313	-12,19226039	MV-250	1
-38,42915467	-12,15100189	VS-250	1	-38,41228115	-12,20985143	VS-70	1
-38,41990683	-12,14344161	MV-250	1	-38,50656812	-12,18822203	MV-250	1
-38,4015096	-12,14409344	VS-70	1	-38,44101243	-12,14695653	VS-70	1
-38,4015096	-12,14409344	VS-250	1	-38,41486703	-12,22728857	MV-250	1
-38,43180317	-12,11641216	MV-250	1	-38,41486703	-12,22728857	VS-70	1
-38,39043364	-12,11338058	VS-70	1	-38,50155631	-12,25083658	VS-70	1
-38,39196123	-12,1320668	MV-400	1	-38,36615616	-12,13681664	VS-70	1
-38,42063135	-12,12495701	VS-70	1	-38,41320977	-12,1153004	VS-70	1
-38,50590964	-12,23206003	VS-70	1	-38,41299586	-12,15569255	VS-70	1
-38,41150925	-12,11711023	VS-70	1	-38,41843803	-12,14889857	VS-250	1
-38,41150925	-12,11711023	MV-250	1	-38,40428302	-12,12847358	VS-70	1
-38,39959258	-12,12605945	VS-150	2	-38,44386659	-12,10483887	VS-70	1
-38,44211038	-12,12537462	VS-150	1	-38,50779314	-12,17899379	VS-70	1
-38,44390974	-12,15075696	VS-250	1	-38,43203536	-12,20744122	VS-70	1
-38,40430015	-12,12995169	MV-250	1	-38,42787871	-12,20586367	VS-70	1
-38,43025475	-12,11831878	MV-250	1	-38,40390977	-12,22134705	VS-70	1
-38,41365563	-12,12027872	VS-70	1	-38,40171115	-12,20028644	VS-70	1
-38,41365563	-12,12027872	VS-400	1	-38,43224309	-12,14567026	VS-250	1
-38,41365563	-12,12027872	VS-70	1	-38,40726302	-12,14048855	MV-250	1
-38,4150129	-12,12780309	VS-70	1	-38,44147517	-12,1356154	MV-250	1
-38,37879451	-12,13422841	VS-70	1	-38,44185165	-12,14357047	VS-70	1
-38,42958301	-12,15076522	VS-250	1	-38,43534475	-12,1331454	VS-150	1
-38,43134141	-12,13371539	VS-70	1	-38,4276894	-12,07304307	VS-70	2
-38,40303599	-12,13763397	MV-250	1	-38,48320767	-12,20676808	VS-400	1
-38,40303599	-12,13763397	VS-150	1	-38,48320767	-12,20676808	HL-500	1
-38,41932969	-12,14200523	MV-250	1	-38,42560527	-12,13507717	MV-250	1
-38,39383303	-12,11724258	MV-400	3	-38,44367521	-12,00928444	VS-70	1
-38,39383303	-12,11724258	MV-400	1	-38,41896966	-12,14075853	VS-250	1
-38,40151309	-12,15135004	VS-70	1	-38,42652276	-12,25447123	VS-70	1
-38,43990349	-12,00876615	VS-70	1	-38,4289504	-12,14144391	VS-250	1
-38,44296976	-12,144442	VS-70	1	-38,42326144	-12,12046229	VS-70	1
-38,4406648	-12,14042372	VS-150	1	-38,40275299	-12,13768688	VS-150	1
-38,4406648	-12,14042372	MV-250	1	-38,42075242	-12,13751698	MV-400	1
-38,44033943	-12,13531353	MV-250	1	-38,41728969	-12,12293369	MV-250	1
-38,44226316	-12,13206039	MV-250	1	-38,35888111	-12,18264803	MV-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,39052683	-12,15473301	VS-150	1	-38,39911702	-12,15361751	VS-70	1
-38,39401294	-12,11765691	VS-250	1	-38,3196062	-12,12026163	VS-150	1
-38,43471476	-12,14044029	VS-250	1	-38,35356276	-12,18788137	VS-70	1
-38,45691731	-12,15540469	MV-70	1	-38,35865937	-12,18271975	VS-70	2
-38,42520633	-12,14951027	MV-250	1	-38,28610643	-12,09971846	VS-250	1
-38,4093913	-12,13572134	MV-250	1	-38,38911231	-12,15213456	MV-250	1
-38,4176728	-12,12440194	VS-70	1	-38,36039443	-12,1895447	VS-70	1
-38,43772313	-12,13360872	MV-250	1	-38,28446976	-12,09930509	VS-250	1
-38,42784758	-12,25159776	VS-70	1	-38,3603994	-12,18245805	VS-70	1
-38,40313964	-12,13350351	MV-250	1	-38,35507772	-12,20311462	VS-70	1
-38,407317	-12,22184297	VS-70	1	-38,35507772	-12,20311462	MV-250	1
-38,39972132	-12,14015726	VS-70	1	-38,36014278	-12,18542808	VS-150	1
-38,4530431	-12,14716541	VS-70	1	-38,36596556	-12,18358095	VS-70	1
-38,44159983	-12,11552553	VS-70	1	-38,28583806	-12,11662673	VS-250	1
-38,4466801	-12,13444233	VS-70	1	-38,28583806	-12,11662673	VS-70	1
-38,4466801	-12,13444233	MV-250	1	-38,3577898	-12,1803017	VS-70	1
-38,46529401	-12,13604086	VS-70	1	-38,35900441	-12,18598306	MV-250	1
-38,42820137	-12,1537302	VS-250	1	-38,35900441	-12,18598306	VS-150	1
-38,43449978	-12,12554208	MV-250	1	-38,29113145	-12,08647687	VS-70	1
-38,4445699	-12,13590995	MV-250	1	-38,36147273	-12,18498142	MV-250	1
-38,49893457	-12,2492516	VS-70	1	-38,28554309	-12,09922181	VS-70	1
-38,44500883	-12,11212196	MV-250	1	-38,35891938	-12,18712307	VS-70	1
-38,43594978	-12,13106538	VS-70	1	-38,36973441	-12,18798976	VS-70	1
-38,40003199	-12,12731079	VS-150	1	-38,35808278	-12,19062024	VS-70	1
-38,41897382	-12,12658816	MV-250	1	-38,29089808	-12,08672684	VS-70	2
-38,43628978	-12,13921367	MV-250	1	-38,28149316	-12,0967535	VS-70	1
-38,42423475	-12,13399533	VS-250	1	-38,28239825	-12,09849399	MV-250	1
-38,42188133	-12,13468191	VS-400	1	-38,28342813	-12,10054348	VS-250	1
-38,39787351	-12,14713651	MV-250	1	-38,28342813	-12,10054348	VS-70	1
-38,41435763	-12,11640086	VS-70	1	-38,36657776	-12,18981474	FL-30	1
-38,40811334	-11,96550295	VS-70	1	-38,36267447	-12,18014308	VS-70	1
-38,41796198	-12,13777945	MV-400	1	-38,35298109	-12,18781635	VS-70	1
-38,42841779	-12,14258682	MV-250	1	-38,35196774	-12,1944796	VS-70	1
-38,42841779	-12,14258682	MV-250	1	-38,36525161	-12,18272574	VS-70	1
-38,4409313	-12,12226609	VS-70	1	-38,36574606	-12,18955968	VS-70	1
-38,42306804	-12,14339525	MV-250	1	-38,3522127	-12,19392628	VS-70	1
-38,42306804	-12,14339525	MV-150	1	-38,29319968	-12,11840505	VS-70	1
-38,3436493	-12,21345943	MV-250	1	-38,28220982	-12,1081418	MV-250	1
-38,3436493	-12,21345943	VS-70	1	-38,28174319	-12,09721681	VS-250	1
-38,41022614	-12,23027797	VS-70	1	-38,36103604	-12,190368	VS-70	1
-38,41482302	-12,11979699	MV-250	1	-38,35875934	-12,21115291	VS-70	1
-38,42918079	-12,13024986	VS-250	1	-38,35766901	-12,17974037	VS-150	1
-38,42179143	-12,12714033	VS-70	1	-38,28611812	-12,10295846	VS-70	1
-38,42179143	-12,12714033	MV-250	1	-38,28611812	-12,10295846	VS-250	1
-38,46713457	-12,23832819	VS-70	1	-38,37029947	-12,18684974	VS-70	1
-38,42101727	-12,12031432	VS-70	1	-38,42588686	-12,12912172	VS-70	1
-38,42385591	-12,12088883	VS-70	1	-38,41956643	-12,11528372	VS-150	1
-38,44186647	-12,13286043	VS-250	1	-38,42035315	-12,09058221	VS-70	1
-38,44154483	-12,13299044	VS-250	1	-38,45393313	-12,15567196	VS-400	1
-38,38729545	-12,15453106	VS-150	1	-38,45393313	-12,15567196	VS-70	1
-38,38879514	-12,15607431	VS-150	1	-38,41058628	-12,14360849	MV-250	1
-38,38893398	-12,1540414	VS-150	1	-38,42392805	-12,14691856	VS-250	1
-38,40106444	-12,00390548	VS-70	1	-38,39793646	-12,14329874	VS-250	1
-38,43945474	-12,13372535	MV-250	1	-38,39769583	-12,14288859	MV-400	1
-38,44416322	-12,15300079	VS-70	1	-38,40095196	-12,13084109	MV-250	1
-38,44458187	-12,15302965	VS-70	1	-38,40068302	-12,12973197	MV-250	1
-38,44346548	-12,1536471	MV-70	1	-38,40057059	-12,13039101	MV-250	1
-38,44346548	-12,1536471	LD-100	1	-38,40057059	-12,13039101	MT-500	1
-38,44309982	-12,15582085	VS-70	1	-38,40008518	-12,12998895	MV-250	1
-38,43114802	-12,12315641	VS-70	1	-38,42276969	-12,14612524	VS-250	1
-38,43218317	-12,11714212	VS-250	1	-38,41692306	-12,13546193	VS-70	1
-38,41256303	-12,12635193	MV-400	1	-38,32319113	-12,18091969	VS-70	1
-38,41797908	-12,13818815	MV-400	1	-38,33209917	-12,17814876	VS-70	1
-38,42020133	-12,1320453	VS-250	1	-38,32921103	-12,17898633	VS-70	1
-38,41259796	-12,16511509	VS-400	1	-38,48328601	-12,23244414	VS-70	1
-38,39114694	-12,15532524	VS-150	1	-38,40411133	-12,23195177	VS-70	1
-38,39672327	-12,14011369	VS-150	1	-38,43203946	-12,15822905	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,41958472	-12,11816721	VS-70	1	-38,43854819	-12,11196215	VS-250	1
-38,43097468	-12,15126689	VS-250	1	-38,4095763	-12,12877856	VS-70	1
-38,41695307	-12,12854867	VM-125	1	-38,41520948	-12,2093081	VS-250	1
-38,43082976	-12,11601045	MV-250	1	-38,41520948	-12,2093081	VS-70	1
-38,43711975	-12,14405701	VS-250	1	-38,4039228	-12,23286797	VS-70	1
-38,43155814	-12,11807379	VS-250	1	-38,41278799	-12,14358851	MV-250	1
-38,40539031	-12,22044568	VS-70	1	-38,42008968	-12,14095196	VS-250	1
-38,40894295	-12,13613184	VS-250	1	-38,41890637	-12,12839532	MV-250	1
-38,41223143	-12,11454373	MV-250	1	-38,33469234	-12,2161576	VS-70	1
-38,45742484	-12,1408062	VS-70	1	-38,49089653	-12,17405868	VS-70	1
-38,45742484	-12,1408062	MV-250	1	-38,4446694	-12,14776453	VS-70	1
-38,4301997	-12,14557192	VS-250	1	-38,41672492	-12,13382176	MV-400	1
-38,40172171	-12,12701935	VS-150	1	-38,39844456	-12,14885175	MV-250	1
-38,40078188	-12,12636775	VS-70	1	-38,40695296	-12,13634358	VS-250	1
-38,40122824	-12,12865222	VS-70	1	-38,40695296	-12,13634358	VS-250	1
-38,41633468	-12,12735866	VS-150	1	-38,45196573	-12,15505106	VS-70	1
-38,41633468	-12,12735866	VS-70	1	-38,42212801	-12,14630353	VS-250	1
-38,41366969	-12,12466532	MV-250	1	-38,43507815	-12,11914544	VS-150	1
-38,4159847	-12,13678523	VS-250	1	-38,41967894	-12,15335228	MV-250	1
-38,41452138	-12,12156031	MV-250	1	-38,40330796	-12,14256016	MV-250	1
-38,45150143	-12,15358699	VS-70	1	-38,44189806	-12,14695864	MV-250	1
-38,47955325	-12,14064051	VS-70	1	-38,41819303	-12,13846859	VS-250	1
-38,40250115	-12,2331763	VS-70	1	-38,44165312	-12,13844205	VS-150	1
-38,39918949	-12,14248911	VS-70	1	-38,45084642	-12,14365706	VS-70	1
-38,43220308	-12,12951369	MV-250	1	-38,41130964	-12,11870723	VS-70	1
-38,42782181	-12,14281274	VS-250	1	-38,42225637	-12,13977697	VS-250	1
-38,41181807	-12,12362695	VS-70	1	-38,43952864	-12,14148243	VS-400	1
-38,41698934	-12,11018115	VS-70	1	-38,420808	-12,13467696	VS-250	1
-38,41698934	-12,11018115	VS-250	1	-38,420808	-12,13467696	VS-250	1
-38,38329481	-12,22209725	MV-250	1	-38,4135913	-12,1466702	VS-70	1
-38,39575289	-12,15088172	VS-70	1	-38,40985297	-12,12961525	VS-70	1
-38,39959301	-12,12049527	VS-70	1	-38,38110125	-12,13676506	VS-70	1
-38,43305148	-12,11835545	MV-250	1	-38,42503467	-12,13737532	MV-400	1
-38,39072771	-12,13227638	VS-70	1	-38,42503467	-12,13737532	VS-400	1
-38,41955515	-12,12314336	MV-250	1	-38,46333978	-12,15852368	VS-70	1
-38,40631633	-12,12515695	MV-250	1	-38,3299044	-12,18519956	VS-70	1
-38,41221626	-12,14666526	VS-70	1	-38,39245641	-12,12087321	MV-250	1
-38,39736588	-12,15277602	VS-70	1	-38,4002618	-12,12521403	MV-250	1
-38,45429644	-12,13900043	MV-250	1	-38,39609441	-12,22795797	VS-70	1
-38,44121315	-12,13039543	VS-70	1	-38,5050693	-12,26267456	VS-70	1
-38,40753467	-12,13664686	VS-250	1	-38,49852787	-12,17580281	VS-70	1
-38,43856315	-12,13129709	VS-70	1	-38,40646168	-11,93642483	VS-70	1
-38,46130315	-12,15668866	MV-250	1	-38,40646168	-11,93642483	VS-250	1
-38,44742461	-12,13271342	VS-70	1	-38,39865777	-12,00353144	VS-70	1
-38,41545308	-12,12237036	MV-250	1	-38,4987513	-12,25416991	VS-70	1
-38,41751808	-12,12092532	VS-150	1	-38,37747654	-11,95899783	VS-70	1
-38,42019874	-12,14369751	MV-250	1	-38,39733432	-12,13959276	VS-70	1
-38,40373544	-11,96346826	VS-70	1	-38,34494436	-12,20933121	VS-70	1
-38,41131138	-12,12712864	VS-70	1	-38,40233378	-12,11842185	VS-70	1
-38,41771302	-12,14220527	VS-250	1	-38,40354641	-12,22107148	VS-70	1
-38,43508475	-12,14449196	VS-250	1	-38,50710972	-12,23160008	VS-70	1
-38,41532638	-12,11362702	MV-150	2	-38,52739989	-12,18508223	VS-70	1
-38,40734604	-12,12201359	VS-70	1	-38,44849146	-12,15483866	VS-70	1
-38,42221638	-12,1519402	VS-70	1	-38,41349634	-12,14989351	VS-70	1
-38,42221638	-12,1519402	VS-250	1	-38,44205315	-12,13349041	MV-250	1
-38,41517435	-12,15232776	VS-70	1	-38,44107814	-12,13942873	VS-70	1
-38,43388613	-12,11854178	VS-250	1	-38,31141723	-12,06742152	VS-70	1
-38,42938798	-12,15063858	VS-250	1	-38,4718841	-12,13866817	VS-70	1
-38,44649655	-12,2194384	VS-70	1	-38,4718841	-12,13866817	MV-250	1
-38,42902815	-12,1296911	VS-250	1	-38,42737787	-12,22570146	VS-70	1
-38,50455715	-12,26427551	VS-70	1	-38,41216436	-12,14959728	MV-250	1
-38,41275799	-12,15127182	VS-70	1	-38,44222477	-12,13058538	MV-250	1
-38,44083487	-12,11460882	VS-70	1	-38,44222477	-12,13058538	MV-250	1
-38,39869873	-12,13630499	VS-70	1	-38,41729628	-12,15118187	VS-70	1
-38,39869873	-12,13630499	MV-400	1	-38,39363494	-11,94462632	VS-250	1
-38,39869873	-12,13630499	MV-250	1	-38,39363494	-11,94462632	VS-250	1
-38,39869873	-12,13630499	MV-250	1	-38,43448477	-12,13095866	VS-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,39869873	-12,13630499	MV-400	1	-38,42239134	-12,15155682	MV-250	1
-38,39869873	-12,13630499	VS-250	1	-38,40876967	-12,13902355	VS-250	1
-38,43739814	-12,12056215	VS-150	1	-38,40680464	-12,12521357	MV-250	1
-38,4059063	-12,12599529	MV-250	1	-38,44191482	-12,13089211	VS-70	1
-38,4059063	-12,12599529	MV-400	1	-38,40031627	-12,15212511	VS-400	1
-38,44036394	-12,13914195	VS-150	1	-38,41739966	-12,13203358	VS-70	1
-38,41393464	-12,15648621	VS-70	1	-38,44351048	-12,1349797	VS-70	1
-38,4210832	-12,12896619	VS-250	1	-38,42867143	-12,12903202	VS-70	1
-38,33526603	-12,17204804	VS-70	1	-38,43325145	-12,13434873	VS-70	1
-38,37781781	-12,14854171	MV-250	1	-38,41956451	-12,22079326	VS-70	1
-38,42496848	-12,14557281	VS-250	1	-38,41956451	-12,22079326	VS-250	1
-38,42570773	-12,14761591	MV-250	1	-38,43856143	-12,12712043	VS-70	1
-38,42493913	-12,14551709	VS-250	1	-38,43006968	-12,14341365	VS-150	1
-38,3982349	-12,13711552	VS-70	1	-38,41322132	-12,14891186	VS-250	1
-38,3982349	-12,13711552	MV-250	1	-38,37168976	-12,10006608	VS-70	1
-38,41692112	-12,1242549	VS-70	1	-38,3915809	-11,94316185	VS-70	1
-38,41692112	-12,1242549	VS-250	1	-38,33167107	-12,17615964	VS-70	1
-38,43769708	-12,13245623	VS-250	1	-38,44107139	-12,14272369	VS-70	1
-38,44709089	-12,14133122	VS-70	1	-38,45093811	-12,13905375	MV-250	1
-38,4267664	-12,13944858	MV-250	1	-38,45234817	-12,13901371	MV-250	1
-38,42594477	-12,13088033	VS-150	1	-38,41510888	-12,14757526	VS-70	1
-38,41945626	-12,14460008	VS-150	1	-38,44583813	-12,12896042	VS-400	1
-38,41945626	-12,14460008	VS-250	1	-38,44583813	-12,12896042	VS-250	1
-38,41425473	-12,1148754	VS-70	1	-38,40441614	-12,20227477	VS-70	1
-38,42431841	-12,00364604	VS-250	1	-38,42443309	-12,13148032	VS-250	1
-38,42431841	-12,00364604	VS-70	1	-38,41032967	-12,12601199	VS-70	1
-38,42431841	-12,00364604	VS-70	1	-38,4239247	-12,13829193	VS-400	1
-38,42218637	-12,13648198	MV-400	2	-38,39665157	-12,15294336	VS-70	1
-38,4142512	-12,13275647	VS-250	1	-38,44321838	-12,11045357	VM-250	1
-38,45923001	-12,25311986	VS-70	1	-38,43723641	-12,14135197	VS-70	1
-38,4351234	-12,13782975	MV-250	1	-38,43723641	-12,14135197	VS-250	1
-38,47396786	-12,27638129	VS-70	1	-38,41476136	-12,12231537	VS-250	1
-38,3973929	-12,14949673	VS-70	1	-38,39809084	-12,14061535	VS-70	1
-38,44864458	-12,12597103	VS-70	1	-38,39897623	-11,94249199	VS-70	1
-38,44896983	-12,12535981	VS-70	1	-38,37295965	-12,02817892	VS-70	1
-38,38838961	-12,11497686	VS-70	1	-38,40053499	-11,94648637	VS-70	1
-38,39780121	-12,15269531	VS-250	1	-38,37641973	-11,98447089	VS-70	1
-38,39780121	-12,15269531	VS-70	1	-38,37755809	-11,98406923	VS-70	1
-38,44400445	-12,14305925	VS-70	1	-38,35328621	-12,03587042	VS-70	1
-38,40629438	-12,1254124	MV-250	1	-38,40616505	-11,93663813	VS-250	1
-38,41334968	-12,15017686	VS-70	1	-38,37691359	-11,95635096	VS-250	1
-38,42305708	-12,11980609	VS-70	1	-38,37691359	-11,95635096	MT-500	1
-38,40589026	-12,14582224	MV-250	1	-38,35549361	-12,03591817	MV-400	1
-38,42729276	-12,25173288	VS-70	1	-38,3533212	-11,99231565	VS-70	1
-38,43061273	-12,14066205	MV-250	1	-38,40592668	-11,93731319	VS-70	2
-38,43282474	-12,14583196	VS-250	1	-38,40739833	-11,96464624	VS-70	1
-38,40869105	-12,24666452	VS-70	1	-38,37748188	-11,95536247	MV-250	1
-38,40869105	-12,24666452	VS-250	1	-38,37386645	-11,98758668	VS-70	1
-38,39456161	-11,94870296	VS-70	1	-38,37761607	-11,95980302	VS-70	1
-38,43082139	-12,13788031	MV-250	1	-38,3628906	-12,0332886	VS-70	1
-38,39626959	-12,15194506	VS-70	1	-38,37815083	-11,95430469	VS-250	1
-38,43991768	-12,14140457	VS-250	1	-38,41872376	-11,94150155	VS-70	1
-38,42388304	-12,14941352	VS-250	1	-38,39811833	-11,94413309	VS-70	1
-38,40148891	-12,15160591	MV-400	1	-38,36911466	-11,99034578	VS-70	1
-38,40148891	-12,15160591	VS-150	1	-38,37159303	-11,99203245	VS-70	1
-38,40148891	-12,15160591	VS-150	5	-38,45855711	-11,93787196	VS-70	1
-38,40148891	-12,15160591	VS-150	1	-38,37258028	-11,9873502	VS-70	1
-38,41702685	-12,14662414	MV-250	1	-38,41168864	-12,01953691	VS-70	1
-38,45000757	-12,1259813	VS-70	1	-38,4058634	-11,94037145	VS-70	1
-38,41220804	-12,13289029	MV-250	1	-38,37751808	-11,97960092	VS-70	1
-38,43096113	-12,25360795	VS-70	1	-38,35335129	-11,99550403	VS-70	1
-38,42714379	-12,14672265	VS-400	1	-38,40008129	-12,15324346	VS-70	1
-38,42714379	-12,14672265	IN-100	1	-38,37628967	-12,02575061	MT-160	1
-38,43093641	-12,14448031	MV-150	1	-38,39938557	-12,02416314	MV-250	1
-38,3998606	-12,12821414	MV-250	1	-38,39938557	-12,02416314	VS-70	1
-38,46651488	-12,13989378	VS-70	1	-38,35502691	-11,99114783	VS-70	1
-38,4246722	-12,19697961	VS-70	1	-38,39318489	-11,94782301	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,50420463	-12,2359934	VS-70	1	-38,46410882	-11,94086026	VS-70	1
-38,50420463	-12,2359934	MV-250	1	-38,42788521	-11,93393001	VS-400	1
-38,50769648	-12,17783881	VS-70	1	-38,3767065	-11,95564113	MV-250	1
-38,43724647	-12,13411541	VS-250	1	-38,40819493	-12,00878762	VS-70	1
-38,44663043	-12,12975624	VS-150	1	-38,42397166	-11,94785489	VS-250	1
-38,42057389	-12,13573868	MV-400	2	-38,42397166	-11,94785489	VS-70	1
-38,4092406	-12,12828007	MV-250	1	-38,41395169	-11,97266959	VS-70	1
-38,4941614	-12,21776175	VS-70	1	-38,35342286	-11,99180589	MV-400	1
-38,51274311	-12,20006867	MV-250	1	-38,43524013	-12,00651113	VS-70	1
-38,41485784	-12,20112316	VS-70	1	-38,42125632	-12,14201529	VS-250	1
-38,41503299	-12,15417349	VS-70	1	-38,44693291	-12,1223384	VS-70	1
-38,49271479	-12,17117706	VS-70	1	-38,41122473	-12,10147275	VS-70	1
-38,49116814	-12,16906043	VS-70	1	-38,41122473	-12,10147275	MT-250	1
-38,43013474	-12,14982026	VS-250	1	-38,38602092	-12,15992367	VS-70	1
-38,43013474	-12,14982026	VS-70	2	-38,49802718	-12,17674166	VS-70	1
-38,41252152	-12,14036159	VS-250	1	-38,49741084	-12,17732506	VS-70	1
-38,42494411	-12,13304032	VS-250	1	-38,4137963	-12,14929521	VS-70	1
-38,41682467	-12,14384019	MV-250	1	-38,43926977	-12,13840369	MV-250	1
-38,44731305	-12,15354867	VS-70	1	-38,43926977	-12,13840369	MV-250	1
-38,41106633	-12,1439202	VS-250	1	-38,43306159	-12,11935426	MV-250	1
-38,42989976	-12,12498537	VS-70	2	-38,43050116	-12,12478885	VS-150	1
-38,43141815	-12,11581212	MV-250	1	-38,42721596	-12,13898083	VS-250	1
-38,42267851	-12,13933658	VS-250	1	-38,42568991	-12,07566232	VS-70	1
-38,43023805	-12,15303021	VS-250	1	-38,32529942	-12,18150128	VS-70	1
-38,45190057	-12,15478238	VS-70	1	-38,51154814	-12,18994539	VS-70	1
-38,45190057	-12,15478238	VS-250	1	-38,39776493	-11,9437997	VS-70	1
-38,33899498	-12,16508168	VS-70	1	-38,44197774	-12,14322328	VS-70	1
-38,47201461	-12,13740435	VS-70	1	-38,43605315	-12,12677038	MV-250	1
-38,39680126	-12,14367012	VS-70	1	-38,44316814	-12,13704706	MV-250	1
-38,36466383	-12,13508721	VS-70	1	-38,42832282	-12,14122619	MV-250	1
-38,36466383	-12,13508721	MV-250	1	-38,40876757	-12,21840462	VS-70	1
-38,42559362	-12,12465356	VS-150	1	-38,42315623	-12,12824935	MV-250	1
-38,41310968	-12,14917021	VS-250	1	-38,42932559	-12,12902241	VS-70	1
-38,42662225	-12,15356498	VS-150	1	-38,42287465	-12,15203854	VS-250	1
-38,42662225	-12,15356498	VS-70	1	-38,43284653	-12,10737221	VS-70	1
-38,43775956	-12,14204794	VS-70	1	-38,42986516	-12,14512012	VS-250	1
-38,43775956	-12,14204794	VS-250	1	-38,40569889	-12,14443457	MV-250	1
-38,38731487	-12,15318253	MV-250	1	-38,44008482	-12,13657073	VS-70	1
-38,42426634	-12,14038857	VS-400	1	-38,45960651	-12,13845714	VS-70	1
-38,44917019	-12,12529107	VS-70	1	-38,45445646	-12,15211864	VS-70	1
-38,44800339	-12,12560334	VS-70	1	-38,41112896	-12,15460951	VS-70	1
-38,4920948	-12,17460873	VS-70	1	-38,3919146	-12,13507185	MV-250	1
-38,47011145	-12,16231868	MV-250	1	-38,42434369	-12,13819679	MV-250	1
-38,44050888	-12,14586226	VS-70	1	-38,44646706	-12,13096471	VS-150	1
-38,4492398	-12,14414033	VS-70	1	-38,4549807	-12,16139117	VS-70	1
-38,4333917	-12,04742753	VS-70	1	-38,40044629	-12,14556515	MV-250	1
-38,42001475	-12,10552707	VS-70	1	-38,41089922	-12,13135208	MV-250	1
-38,42001475	-12,10552707	MV-250	1	-38,43881301	-12,132543	VS-70	1
-38,42001475	-12,10552707	VS-70	1	-38,41444969	-12,14730682	VS-70	1
-38,42001475	-12,10552707	VS-70	1	-38,38970126	-12,11442193	MV-250	1
-38,42001475	-12,10552707	VS-70	1	-38,38970126	-12,11442193	MV-250	1
-38,42177636	-12,13154526	VS-250	2	-38,412758	-12,13889191	VS-250	1
-38,42177636	-12,13154526	VS-250	1	-38,41553066	-12,13170597	VS-70	1
-38,4267189	-12,12344356	VS-70	1	-38,51357641	-12,20093201	MV-250	1
-38,43541306	-12,13990866	MV-250	1	-38,34324933	-12,21266277	VS-70	1
-38,46631487	-12,14117881	VS-250	1	-38,34324933	-12,21266277	MV-250	1
-38,47645675	-12,16506353	VS-400	4	-38,42677111	-12,13900622	MV-250	2
-38,42980808	-12,11725043	MV-250	1	-38,42677111	-12,13900622	MV-400	1
-38,4131433	-11,99885601	VS-70	1	-38,42744586	-12,13901612	MV-250	1
-38,44333613	-12,1340147	VS-70	2	-38,41463287	-12,1757667	VS-400	1
-38,36820618	-12,12965839	VS-70	1	-38,41547638	-12,20948264	VS-70	1
-38,43219976	-12,14689027	VS-250	1	-38,43886807	-12,140792	VS-250	1
-38,43579975	-12,13850531	MV-250	1	-38,41870862	-12,14436002	MV-250	1
-38,44043976	-12,14324365	VS-70	1	-38,36679955	-12,09563352	VS-70	1
-38,42648496	-12,14334142	MV-250	1	-38,44159424	-12,12365371	VS-150	1
-38,44511982	-12,1334504	MV-250	1	-38,41322802	-12,1447235	VS-250	1
-38,41632806	-12,1330319	MV-250	1	-38,41322802	-12,1447235	VS-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,40083122	-12,14790678	MV-250	1	-38,40547294	-12,13427351	MV-250	1
-38,41261142	-12,10906708	VS-70	1	-38,42123131	-12,14654025	VS-250	1
-38,44068606	-12,15010844	VS-70	1	-38,42123131	-12,14654025	MV-250	1
-38,40839748	-12,1407315	MV-250	1	-38,42300299	-12,14259189	VS-250	1
-38,41778641	-12,12922368	VS-70	1	-38,44384521	-12,15678735	VS-70	1
-38,44992	-12,15758564	VS-70	1	-38,42043466	-12,13425363	MV-250	1
-38,44338148	-12,13104205	VS-70	1	-38,49128628	-12,23498995	VS-70	1
-38,41416171	-12,14846884	MV-250	1	-38,3779403	-12,10422616	VS-70	1
-38,42207806	-12,14398021	MV-250	1	-38,41940404	-12,13785329	MV-400	1
-38,41680476	-12,11889701	VS-70	1	-38,41986301	-12,131412	VS-250	1
-38,45094259	-12,15599761	MV-70	1	-38,41470142	-12,10945043	VS-250	1
-38,43022649	-12,11674047	MV-250	1	-38,46034314	-12,14226045	VS-70	1
-38,42769089	-12,07450026	VS-70	1	-38,46034314	-12,14226045	VS-250	1
-38,43877509	-12,1460963	MV-250	1	-38,44329834	-12,13525077	MV-250	1
-38,39699198	-12,1288289	MV-250	1	-38,4208189	-12,11760886	VS-70	1
-38,39422968	-12,11681355	VS-70	1	-38,41652204	-12,11367057	VS-70	1
-38,35753776	-12,19706958	VS-70	1	-38,4006845	-12,20724979	VS-70	1
-38,44864476	-12,13906871	MV-250	1	-38,43425735	-12,11905606	VS-250	1
-38,33101271	-12,172493	VS-70	1	-38,49411135	-12,23518999	VS-70	1
-38,37820715	-11,98170694	VS-70	1	-38,4138432	-12,16878045	VS-70	1
-38,32788548	-12,18245497	VS-70	1	-38,42639135	-12,13986692	VS-250	2
-38,28105148	-12,11447512	VS-250	1	-38,39827962	-12,13353847	VS-70	1
-38,39949421	-12,13083376	MV-250	1	-38,41717971	-12,14084023	MV-250	1
-38,39949421	-12,13083376	MV-250	1	-38,37291136	-12,04707387	VS-70	1
-38,399402	-12,12955823	MV-250	1	-38,37052948	-12,13756174	VS-70	1
-38,399402	-12,12955823	MV-250	1	-38,39078294	-12,13047182	VS-70	1
-38,42127805	-12,13354699	VS-250	1	-38,36665453	-12,12962502	VS-70	1
-38,41233672	-12,11723352	VS-70	1	-38,38035789	-12,15129837	VS-70	1
-38,42426137	-12,14126864	VS-250	1	-38,39037681	-12,1314249	VS-70	1
-38,42109428	-12,12484682	VS-70	1	-38,38845786	-12,14345839	VS-70	1
-38,40315962	-12,12713689	VS-70	1	-38,38845786	-12,14345839	LD-50	1
-38,32875602	-12,18056131	VS-70	1	-38,38845786	-12,14345839	VS-70	1
-38,41952305	-12,13331033	VS-250	1	-38,38845786	-12,14345839	VS-70	1
-38,41733007	-12,13769517	MV-400	1	-38,38845786	-12,14345839	VS-70	1
-38,4417081	-12,14034534	VS-70	1	-38,38845786	-12,14345839	VS-70	1
-38,41291803	-12,12694365	VS-70	1	-38,38845786	-12,14345839	VS-150	1
-38,4115297	-12,11892799	VS-70	1	-38,38845786	-12,14345839	LD-50	1
-38,44724073	-12,11226794	MV-250	1	-38,38845786	-12,14345839	LD-50	1
-38,41554336	-12,13355451	VS-250	1	-38,38845786	-12,14345839	LD-50	1
-38,46569319	-12,14122548	VS-250	1	-38,38845786	-12,14345839	LD-50	1
-38,43433814	-12,12225878	MV-250	2	-38,38845786	-12,14345839	LD-50	2
-38,43433814	-12,12225878	VS-250	1	-38,37354236	-12,10658049	VS-250	1
-38,42567142	-12,13935192	MV-400	1	-38,3870579	-12,11623019	VS-70	1
-38,42567142	-12,13935192	MV-400	1	-38,44497475	-12,14177036	VS-70	1
-38,43037479	-12,11857047	MV-250	1	-38,41234395	-12,16890178	VS-70	1
-38,44629441	-12,16070523	VS-70	1	-38,44478322	-12,14187758	VS-70	1
-38,43381109	-12,11734119	VS-250	1	-38,41411231	-12,16606818	VS-70	1
-38,43381109	-12,11734119	MV-250	1	-38,3473078	-12,08092185	VS-70	1
-38,42473624	-12,14494296	VS-250	1	-38,3473078	-12,08092185	VS-70	1
-38,42066717	-12,12211665	VS-70	1	-38,3473078	-12,08092185	VS-70	1
-38,42066717	-12,12211665	VS-70	1	-38,35142955	-12,08297794	VS-70	1
-38,49275153	-12,16983375	VS-70	1	-38,36809631	-12,04954217	VS-70	1
-38,43450305	-12,11859171	MV-250	1	-38,39823293	-12,15066177	MV-250	1
-38,44015118	-12,14085267	MV-250	1	-38,37406986	-12,10066039	VS-70	1
-38,41819754	-12,1970116	VS-70	1	-38,37129103	-12,14159391	VS-70	1
-38,45906314	-12,14291208	MV-250	1	-38,33891448	-12,07939183	VS-70	1
-38,42333619	-12,14741154	VS-250	1	-38,37832459	-12,10246863	VS-70	1
-38,41213299	-12,14320024	MV-250	1	-38,3628465	-12,13621411	VS-70	1
-38,41985339	-12,12093874	VS-70	1	-38,36071783	-12,12600804	VS-70	1
-38,42043957	-12,12059075	VS-70	1	-38,37232305	-12,14126111	VS-70	1
-38,40767131	-12,14036351	VS-250	1	-38,37434704	-12,14185147	VS-70	1
-38,47176121	-12,26638965	VS-70	1	-38,3451228	-12,08003686	VS-70	1
-38,39285128	-12,12026353	MV-250	3	-38,3823645	-12,14603174	VS-70	1
-38,39020038	-12,15550161	VS-150	1	-38,41424029	-12,16952673	VS-70	1
-38,38756607	-12,15352866	VS-150	1	-38,43570314	-12,12888872	VS-250	1
-38,42750866	-12,21472475	VS-70	1	-38,3992642	-12,21019481	VS-70	1
-38,41411405	-12,14581012	VS-70	1	-38,43531974	-12,14349198	MV-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,41411405	-12,14581012	MV-250	1	-38,43921315	-12,12902039	VS-70	1
-38,47419616	-12,27361134	VS-70	1	-38,44623186	-12,01039116	VS-70	1
-38,44931626	-12,12629426	VS-70	1	-38,42701804	-12,13735365	VS-250	1
-38,44940113	-12,1266123	VS-70	1	-38,42701804	-12,13735365	VS-400	1
-38,44860745	-12,12679954	VS-70	1	-38,42701804	-12,13735365	LD-30	1
-38,44894605	-12,12587407	VS-70	1	-38,43275853	-12,13041328	VS-70	1
-38,44766376	-12,12593561	VS-70	1	-38,44947812	-12,13909539	MV-250	1
-38,44859079	-12,12544685	VS-70	1	-38,44466815	-12,13119039	MV-250	1
-38,39996623	-12,14977509	MV-400	1	-38,42315305	-12,1373286	VS-400	1
-38,39996623	-12,14977509	VS-400	11	-38,41027298	-12,1519551	MV-250	1
-38,39996623	-12,14977509	VS-400	3	-38,41216466	-12,14380853	MV-250	1
-38,39996623	-12,14977509	VS-250	9	-38,42260637	-12,13361193	MV-250	1
-38,43033973	-12,14414699	VS-250	1	-38,43886983	-12,12787538	VS-150	1
-38,42367969	-12,13001036	VS-250	1	-38,43886983	-12,12787538	VS-250	1
-38,40406127	-12,13237693	VS-70	1	-38,32240443	-12,17481807	VS-70	1
-38,43183972	-12,13266536	VS-250	1	-38,39658962	-12,14117513	VS-70	1
-38,42284532	-12,14261612	VS-250	1	-38,41951643	-12,11106372	VS-70	1
-38,42284532	-12,14261612	MV-250	1	-38,41951643	-12,11106372	VS-70	2
-38,42284532	-12,14261612	VS-70	6	-38,27997485	-12,11444171	VS-70	1
-38,42284532	-12,14261612	VS-150	2	-38,43303973	-12,13212874	VS-250	1
-38,47313587	-12,16392552	VS-250	1	-38,4467242	-12,13204461	VS-150	1
-38,4744364	-12,16459718	MV-250	1	-38,44277973	-12,14320869	VS-70	1
-38,44467662	-12,1570194	VS-70	1	-38,28132783	-11,96357393	VS-70	1
-38,42964305	-12,13615698	MV-250	1	-38,42447634	-12,14055359	VS-250	1
-38,42115131	-12,15190852	MV-400	1	-38,42760969	-12,15292518	MV-250	1
-38,43506477	-12,14516532	MV-250	1	-38,42914884	-12,15007138	MV-400	1
-38,41992466	-12,15284417	MV-250	1	-38,43579472	-12,13453372	MV-250	1
-38,423788	-12,13807866	MV-150	11	-38,49522146	-12,17857204	VS-70	1
-38,41145078	-12,14960164	MV-250	1	-38,40509465	-12,14577344	VS-70	1
-38,44161339	-12,12578412	VS-150	1	-38,45591312	-12,15187039	VS-70	1
-38,42930806	-12,12855539	VS-70	1	-38,40991962	-12,13708523	VS-250	1
-38,4565946	-12,15598733	VS-70	1	-38,41945701	-12,14287808	MV-250	1
-38,44181973	-12,14177535	VS-70	1	-38,40408296	-12,13816682	MV-250	1
-38,4049413	-12,14558513	MV-250	1	-38,40408296	-12,13816682	VS-400	1
-38,43220806	-12,14997523	VS-70	1	-38,41700473	-12,11627534	VS-150	1
-38,42192134	-12,15176684	VS-250	1	-38,3769162	-12,14720333	VS-70	1
-38,42192134	-12,15176684	MV-400	4	-38,41862554	-12,14118927	MV-250	1
-38,40408798	-12,12070526	VS-70	1	-38,39838633	-12,13419188	VS-70	1
-38,42105668	-12,13560627	MV-400	2	-38,41783047	-12,13606785	MV-250	1
-38,40739638	-12,12324029	VS-70	1	-38,4315164	-12,14179363	VS-70	1
-38,42256142	-12,12005326	VS-70	1	-38,41795753	-12,14815284	VS-250	1
-38,43263145	-12,12812036	VS-70	1	-38,41795753	-12,14815284	VS-250	1
-38,41852138	-12,12086699	VS-150	1	-38,42107514	-11,9379985	VS-70	1
-38,41965132	-12,15198856	VS-250	1	-38,40109658	-11,96240296	VS-70	1
-38,39348675	-12,14941823	MV-250	1	-38,44145014	-12,00919949	VS-70	1
-38,43620313	-12,12696541	MV-400	1	-38,42706302	-12,14101528	VS-250	1
-38,43620313	-12,12696541	MV-250	1	-38,43042477	-12,11762046	MV-250	1
-38,4132165	-12,14762915	VS-70	1	-38,33209765	-12,17590969	VS-70	1
-38,40633268	-11,93611346	VS-70	1	-38,4055047	-12,12740857	VS-70	1
-38,34403618	-12,21652993	VS-70	1	-38,36070099	-12,16599314	VS-70	1
-38,49202465	-12,23302666	VS-70	1	-38,35972367	-12,16608089	VS-70	1
-38,4811632	-12,13988057	VS-70	1	-38,45961147	-12,26229344	VS-250	2
-38,4157647	-12,11789698	VS-70	1	-38,4620586	-12,25163075	VS-70	1
-38,40484293	-12,12513475	VS-250	1	-38,42148758	-12,12692769	VS-70	1
-38,42468625	-12,14562855	MV-250	1	-38,33721768	-12,18126799	VS-70	1
-38,43336145	-12,11921207	MV-250	1	-38,49970308	-12,21347019	VS-70	1
-38,46496987	-12,14132709	MV-250	1	-38,44627378	-12,11135525	MV-250	1
-38,43186181	-12,00540107	VS-70	1	-38,44793959	-12,1130445	MV-250	1
-38,48872789	-12,26873812	VS-70	1	-38,40464299	-12,13969514	MV-250	1
-38,48150785	-12,26614803	VS-70	1	-38,45699648	-12,13973043	MV-250	1
-38,42619151	-12,12801622	VS-150	1	-38,40580633	-12,13118359	MV-250	1
-38,41477742	-12,15570251	MV-250	1	-38,42029637	-12,12453364	VS-70	1
-38,42805787	-12,14042079	MV-250	1	-38,39946085	-12,14070397	VS-70	1
-38,41929469	-12,14067861	MV-250	1	-38,44240307	-12,14779195	VS-250	1
-38,41370466	-12,13867021	VS-250	1	-38,41809647	-12,09365055	VS-70	1
-38,44370145	-12,1358671	MV-250	1	-38,41369361	-12,14712116	VS-70	1
-38,3813245	-12,14694002	VS-70	1	-38,41268843	-12,11850998	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,37147449	-12,13601172	VS-70	1	-38,40619135	-12,1222036	MV-250	1
-38,39499795	-12,11377031	VS-70	1	-38,41703631	-12,15308185	MV-250	1
-38,41222643	-12,11007375	VS-70	1	-38,38995521	-12,1563045	VS-150	1
-38,49410651	-12,17487707	VS-70	1	-38,42119918	-12,12340086	VS-70	1
-38,42529053	-12,21497097	VS-70	1	-38,45575481	-12,14392371	MV-250	1
-38,49839201	-12,20194826	VS-70	1	-38,47667987	-12,14374216	MV-70	1
-38,48827814	-12,17739203	VS-70	1	-38,43514312	-12,12909039	VS-70	1
-38,40783011	-12,13210337	VS-250	1	-38,42350974	-12,13692527	MV-400	1
-38,31114925	-12,06778398	VS-70	1	-38,41402972	-12,11381705	VS-70	1
-38,43594677	-12,13574496	MV-250	1	-38,44823551	-12,12667587	VS-70	1
-38,44733482	-12,12633265	VS-70	1	-38,42279926	-12,13695996	VS-400	1
-38,41295479	-12,1048104	VS-70	1	-38,45052505	-12,15560758	VS-70	1
-38,407533	-12,1380564	MV-250	1	-38,44205813	-12,14573363	VS-70	1
-38,42388636	-12,130892	VS-250	1	-38,41961306	-12,1339953	VS-250	1
-38,43661808	-12,1345037	VS-250	1	-38,42849466	-12,15420684	MV-250	1
-38,38925342	-12,15506922	VS-150	1	-38,41231139	-12,12301364	VS-70	1
-38,38995894	-12,15528786	VS-150	1	-38,40768361	-12,14143607	MV-250	1
-38,39026235	-12,15589987	VS-150	1	-38,44277145	-12,12420208	VS-250	1
-38,45578806	-12,15544201	MV-250	1	-38,41816799	-12,15226352	MV-250	1
-38,42027492	-12,12528099	VS-70	1	-38,41185667	-12,00150933	VS-70	1
-38,40011505	-12,20073767	VS-250	1	-38,42373737	-12,25480934	MV-400	1
-38,39865102	-12,05510681	VS-70	1	-38,42373737	-12,25480934	VS-70	1
-38,39865102	-12,05510681	MV-400	9	-38,44240647	-12,13770203	MV-250	1
-38,4430631	-12,1306571	MV-250	1	-38,43688142	-12,1443503	VS-250	1
-38,4430631	-12,1306571	VS-70	1	-38,41432206	-12,12591327	VS-70	1
-38,42214802	-12,15161849	VS-250	1	-38,40808129	-12,14392014	MV-250	1
-38,42568132	-12,14795192	VS-400	2	-38,43144478	-12,12533543	VS-70	1
-38,42568132	-12,14795192	MV-400	1	-38,43305979	-12,1188554	MV-250	1
-38,42568132	-12,14795192	MV-400	1	-38,41431468	-12,13355194	VS-70	1
-38,42568132	-12,14795192	MV-400	1	-38,40073796	-12,1442485	VS-70	1
-38,42568132	-12,14795192	MV-400	2	-38,42797965	-12,14918686	MV-250	1
-38,4274464	-12,14406194	VS-250	1	-38,39748796	-12,14003835	VS-150	1
-38,39805991	-12,14765664	MV-250	1	-38,39748796	-12,14003835	VS-150	1
-38,41780809	-12,12236537	MV-250	1	-38,4414581	-12,14265536	VS-70	1
-38,43125976	-12,11919374	MV-250	1	-38,44158309	-12,13021378	VS-70	1
-38,41400684	-12,1313004	MV-250	1	-38,46598585	-12,20847866	VS-70	1
-38,40564462	-12,14174013	MV-250	1	-38,39700338	-12,14785264	VS-70	1
-38,43780644	-12,14055201	MV-250	1	-38,39700338	-12,14785264	VS-70	1
-38,42877983	-12,14156881	MV-250	1	-38,42023953	-12,1943667	VS-70	1
-38,39670941	-12,13191396	MV-250	1	-38,41485638	-12,12623361	VS-70	1
-38,41037466	-12,14346853	MV-250	1	-38,44547147	-12,12904048	VS-250	1
-38,41209969	-12,12277863	MV-250	1	-38,44477819	-12,12840877	VS-150	1
-38,41209969	-12,12277863	VS-70	1	-38,4451748	-12,12827711	MV-150	1
-38,42425136	-12,1435419	MV-250	1	-38,4451748	-12,12827711	VS-150	1
-38,40698341	-12,13697262	VS-70	1	-38,42853306	-12,12484867	VS-70	1
-38,40698341	-12,13697262	VS-250	1	-38,42853306	-12,12484867	MV-400	1
-38,41688845	-12,14629187	VS-250	1	-38,41862289	-12,17632508	VS-70	2
-38,41688845	-12,14629187	MV-250	1	-38,41862289	-12,17632508	VS-250	1
-38,42779975	-12,11848211	MV-250	1	-38,41862289	-12,17632508	VM-125	1
-38,42779975	-12,11848211	MV-400	1	-38,428907	-12,14120359	VS-250	1
-38,4386748	-12,12219211	VS-250	1	-38,40056279	-12,20988477	VS-70	1
-38,42413581	-12,14032414	VS-250	1	-38,41484287	-12,14587942	VS-70	1
-38,44296981	-12,13041378	VS-70	1	-38,41672402	-12,11640558	VS-70	1
-38,40507133	-12,11880197	VS-70	1	-38,42061309	-12,12449703	VS-70	1
-38,42673951	-12,15943991	VS-150	1	-38,41557973	-12,11684871	VS-70	1
-38,47435152	-12,14530547	VS-70	1	-38,43531305	-12,13568534	VS-250	1
-38,4164914	-12,12352203	VS-250	1	-38,44354164	-12,11210258	VS-150	1
-38,42084971	-12,11597373	VS-70	1	-38,4439805	-12,11134938	VS-150	1
-38,40618592	-12,14004514	MV-250	1	-38,41048962	-12,14262022	MV-250	1
-38,41421295	-12,17273105	MV-400	1	-38,4404865	-12,12322213	VS-70	1
-38,39149156	-11,95835789	VS-70	1	-38,43574978	-12,12130545	MV-150	1
-38,4108271	-12,1214274	VS-70	1	-38,43791498	-12,04748589	VS-70	1
-38,40134963	-12,13953349	VS-70	2	-38,42259993	-12,13440316	MV-400	1
-38,42071277	-12,12762521	VS-70	1	-38,42341225	-12,14058261	MV-400	1
-38,4530698	-12,15308698	VS-70	1	-38,42180968	-12,15123849	VS-250	1
-38,40489131	-12,15044512	MV-250	1	-38,42392979	-12,11836869	VS-70	1
-38,40593391	-12,14150035	MV-250	1	-38,41399612	-12,22713638	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,44377651	-12,13087046	VS-70	1	-38,44595955	-12,12296667	VS-70	1
-38,40629238	-12,21277557	VS-70	1	-38,44630787	-12,12339714	VS-70	1
-38,41009135	-12,13119355	MV-250	1	-38,41524534	-12,1383264	MV-400	1
-38,43651976	-12,12941875	MV-250	1	-38,44034143	-12,13877867	VS-150	1
-38,41364634	-12,14626018	MV-250	1	-38,42146637	-12,07452514	MV-250	1
-38,41364634	-12,14626018	VS-70	1	-38,42146637	-12,07452514	VS-70	1
-38,41364634	-12,14626018	MV-250	2	-38,42295983	-12,08717558	VS-70	1
-38,40136858	-12,13827412	VS-150	1	-38,40887641	-12,11106539	VS-70	1
-38,40136858	-12,13827412	MV-250	1	-38,42250799	-12,14117356	MV-400	1
-38,41406965	-12,14134523	MV-250	1	-38,39770959	-12,15188179	VS-70	1
-38,44049647	-12,13428039	MV-250	1	-38,42961805	-12,15197523	VS-250	1
-38,44049647	-12,13428039	MV-250	1	-38,40003728	-12,13428324	VS-70	1
-38,44364261	-12,11499767	VS-250	1	-38,44659829	-12,13168822	VS-150	1
-38,44364284	-12,11341654	MV-250	1	-38,42776462	-12,13831955	VS-250	1
-38,44578435	-12,11499158	MV-250	1	-38,47078949	-12,26553469	VS-70	1
-38,44611147	-12,11418964	MV-250	1	-38,46276919	-12,14157436	VS-70	1
-38,44521938	-12,11333937	MV-250	1	-38,46276919	-12,14157436	MV-400	1
-38,44729734	-12,11386028	VS-250	1	-38,43288138	-12,14272526	VS-250	1
-38,44573501	-12,13402116	VS-70	1	-38,40446471	-12,12145361	VS-70	1
-38,44678743	-12,1291797	VS-150	1	-38,47775657	-12,14306717	VS-70	1
-38,44678743	-12,1291797	VS-250	2	-38,40790797	-12,13857518	VS-150	1
-38,41888637	-12,1353803	VS-250	1	-38,42452475	-12,13848863	MV-400	1
-38,40407294	-12,15206681	VS-70	1	-38,46580153	-12,14151214	VS-250	1
-38,46682242	-12,13844085	VS-70	1	-38,44221481	-12,13517535	VS-400	1
-38,44399161	-12,13655338	VS-70	1	-38,44221481	-12,13517535	MV-250	1
-38,44399161	-12,13655338	VS-250	1	-38,42107147	-12,14491574	MV-250	1
-38,43385472	-12,13617034	MV-250	1	-38,46247811	-12,15776039	MV-250	1
-38,45526583	-12,15521089	LD-100	1	-38,42190135	-12,14779521	VS-250	1
-38,41945973	-12,11220537	VS-250	1	-38,40228966	-12,14089679	VS-150	1
-38,41945973	-12,11220537	MV-250	1	-38,40258958	-12,14078018	VS-70	1
-38,44403815	-12,13586042	VS-250	1	-38,36020995	-12,16590506	VS-70	1
-38,44239526	-12,12503462	VS-150	1	-38,44162822	-12,11349548	VS-70	1
-38,43145634	-12,14559529	VS-250	2	-38,44653643	-12,16010695	VS-70	1
-38,44956643	-12,14279205	VS-70	1	-38,43913809	-12,11401251	VS-250	1
-38,41445465	-12,14701188	MV-250	1	-38,44676415	-12,11179656	MV-250	1
-38,41531136	-12,14134355	VS-250	1	-38,44717481	-12,11321388	MV-250	1
-38,41637133	-12,13397317	VS-250	1	-38,39724577	-12,1401121	VS-150	1
-38,43724139	-12,14085364	VS-250	1	-38,39724577	-12,1401121	MV-250	1
-38,45740027	-12,15660521	VS-70	1	-38,42278468	-12,15182352	VS-250	1
-38,43851808	-12,14313367	VS-250	1	-38,46292979	-12,15816537	MV-250	1
-38,4176899	-12,14360335	MV-250	1	-38,41507112	-12,24193293	VS-70	1
-38,40044228	-12,15158333	VS-70	1	-38,42875369	-12,14054335	VS-250	1
-38,43969968	-12,12342596	VS-70	1	-38,42875369	-12,14054335	MV-250	1
-38,40788295	-12,13765022	MV-250	1	-38,44202848	-12,10798151	VS-70	1
-38,40639967	-12,13464691	MV-250	1	-38,42754688	-12,14206047	VS-250	1
-38,39700965	-12,11304193	VS-70	1	-38,39923776	-12,22765294	VS-70	1
-38,42714341	-12,0046527	VS-70	1	-38,46049814	-12,13919879	VS-70	1
-38,44447261	-12,11315403	MV-250	1	-38,38860122	-12,14482006	VS-70	1
-38,44636782	-12,11349466	VS-250	1	-38,39960965	-12,1198303	VS-70	1
-38,43908429	-12,1414768	VS-250	1	-38,45283642	-12,14745371	VS-70	1
-38,44777441	-12,13313046	VS-70	1	-38,42585564	-12,15191979	VS-70	1
-38,44193141	-12,13809537	MV-250	1	-38,42686832	-12,15267953	VS-70	1
-38,4436531	-12,13619868	MV-250	1	-38,42703821	-12,15253125	VS-70	1
-38,40561759	-12,1190991	VS-70	1	-38,4088155	-12,11705482	VS-70	1
-38,42153303	-12,13623693	MV-400	2	-38,40914546	-12,13485057	VS-70	1
-38,48023653	-12,1406605	VS-70	1	-38,42362136	-12,13644693	MV-400	1
-38,43278469	-12,14637199	VS-250	1	-38,4432931	-12,14578031	MV-250	1
-38,44424589	-12,12362451	VS-250	1	-38,43442646	-12,13607535	MV-250	1
-38,41016949	-12,13387875	VS-70	1	-38,41870133	-12,14010529	VS-250	1
-38,43033242	-12,14148261	VS-70	1	-38,41938137	-12,14039854	MV-250	1
-38,43660978	-12,12008882	VS-150	1	-38,41815131	-12,14714523	VS-250	1
-38,41985799	-12,13591862	VS-400	2	-38,4317176	-12,13568203	MV-400	1
-38,42284969	-12,15369189	VS-250	2	-38,42715213	-12,15225929	VS-70	1
-38,42284969	-12,15369189	VS-70	1	-38,41790136	-12,12182532	VS-70	1
-38,41383337	-11,97562958	VS-70	1	-38,40025946	-12,20008818	MV-250	9
-38,37579972	-11,9760476	VS-70	1	-38,41449225	-12,14557572	VS-70	1
-38,37579972	-11,9760476	MT-250	1	-38,42695002	-12,1283612	VS-150	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,42436356	-11,93539671	VS-70	1	-38,28620973	-12,1106101	VS-70	1
-38,39204324	-11,95846619	VM-400	1	-38,38791609	-12,15539564	VS-150	1
-38,40861838	-11,94091313	VS-70	1	-38,38852922	-12,15535709	VS-150	1
-38,36911294	-12,0486822	VS-70	1	-38,39002177	-12,15428382	VS-150	1
-38,37646214	-11,95606376	VS-400	1	-38,4164721	-12,14275003	MV-250	1
-38,37646214	-11,95606376	VS-250	1	-38,44295209	-12,13352337	MV-250	1
-38,40496001	-11,93864313	VS-70	1	-38,41164294	-12,15355011	VS-70	1
-38,37821648	-11,95701609	VS-70	1	-38,41552463	-12,14637356	VS-70	1
-38,42644684	-11,93444504	VS-70	1	-38,40900491	-12,13368715	VS-70	1
-38,39726405	-11,94788942	VS-70	1	-38,39064657	-11,94792297	VS-70	1
-38,35754741	-12,03500093	MV-400	1	-38,43564647	-12,12619706	MV-250	1
-38,40042365	-11,93688559	VS-70	1	-38,42857648	-12,14021716	VS-250	1
-38,40154662	-11,96264795	VS-70	1	-38,44025901	-12,13498571	MV-250	1
-38,37086133	-11,9912175	VS-70	1	-38,45875981	-12,13987543	VS-70	1
-38,3890932	-11,94562794	VS-70	1	-38,39616454	-12,14600013	VS-70	1
-38,41226482	-11,94281338	VS-70	1	-38,43186475	-12,14196694	VS-70	1
-38,41226482	-11,94281338	VS-400	1	-38,41433298	-12,14032353	VS-250	1
-38,35732958	-12,00047402	VS-70	1	-38,331746	-12,17324471	VS-400	1
-38,36651634	-12,00053072	VS-70	1	-38,331746	-12,17324471	VS-250	1
-38,4675322	-11,94457865	VS-70	1	-38,49120815	-12,1741504	VS-70	1
-38,4675322	-11,94457865	VS-70	1	-38,43319155	-12,20929839	VS-70	1
-38,38859484	-11,94581461	VS-70	1	-38,41598135	-12,12736194	VS-70	1
-38,41488674	-11,97240461	VS-70	1	-38,50088973	-12,21253187	VS-70	1
-38,40364832	-11,94335476	VS-70	1	-38,42006472	-12,12656698	MV-250	1
-38,40116328	-11,9379681	VM-400	1	-38,39844949	-12,19862931	VS-70	1
-38,39254159	-11,95864122	VS-70	1	-38,44851477	-12,14464702	VS-70	1
-38,38364153	-11,94778292	VS-70	1	-38,43265325	-12,11812762	VS-250	1
-38,46855223	-11,94552196	VS-70	1	-38,44418336	-12,11157568	VM-250	1
-38,41789844	-11,93826997	VS-70	1	-38,44299523	-12,1102011	VM-250	1
-38,41559978	-11,94328821	VS-70	1	-38,42634158	-12,14125176	MV-250	1
-38,38581816	-11,94377625	VS-70	1	-38,44966453	-12,15385695	MV-250	1
-38,35533198	-12,03191865	VS-70	1	-38,45626814	-12,15160539	VS-70	1
-38,40081607	-11,93774962	VS-70	1	-38,44095152	-12,11495046	VS-70	1
-38,37706255	-11,98193088	VS-70	1	-38,4123547	-12,12424034	VS-70	1
-38,4220791	-11,94576246	VS-70	1	-38,4123547	-12,12424034	VS-70	1
-38,43099522	-11,93354004	VS-70	1	-38,43352973	-12,14727024	VS-250	1
-38,44862369	-11,93449518	VS-70	1	-38,43352973	-12,14727024	MV-250	1
-38,39810862	-11,95143359	VS-70	1	-38,43274807	-12,12682375	MV-250	1
-38,41825141	-11,94189362	VS-70	1	-38,43289474	-12,13118704	VS-250	1
-38,41278154	-11,94270029	VS-70	1	-38,43048701	-12,13145605	MV-250	1
-38,37809973	-11,97856433	VS-70	1	-38,29634141	-12,08290515	VS-70	1
-38,4464979	-12,11410495	VS-250	1	-38,43382973	-12,13941034	MV-250	1
-38,44524392	-12,11286548	MV-250	1	-38,40990352	-12,12481499	MV-250	1
-38,446249	-12,11285247	LD-50	1	-38,40600396	-12,14644821	MV-250	1
-38,446249	-12,11285247	MV-250	1	-38,43432142	-12,12165374	VS-150	1
-38,43629976	-12,13545207	VS-250	1	-38,44473431	-12,11432615	VS-250	1
-38,43629976	-12,13545207	VS-150	10	-38,44419632	-12,11384396	VS-250	1
-38,43424304	-12,14127699	VS-250	1	-38,44489646	-12,11414254	VS-250	1
-38,43464646	-12,13065202	VS-250	1	-38,44657002	-12,11470665	MV-250	1
-38,43470809	-12,13115039	VS-70	1	-38,44476283	-12,11289424	MV-250	1
-38,41976136	-12,13323028	VS-250	1	-38,45123844	-12,15665093	MV-70	1
-38,47696285	-12,25844308	VS-70	1	-38,40472005	-11,93894481	VS-70	1
-38,43428137	-12,14290364	VS-250	1	-38,44448979	-12,12713375	MV-250	1
-38,38912852	-12,12903483	VS-70	1	-38,4187881	-12,12163368	VS-70	1
-38,41677216	-12,13285504	MV-250	1	-38,4208497	-12,13400029	VS-250	1
-38,41677216	-12,13285504	MV-250	1	-38,31332478	-12,07297587	VS-70	1
-38,42252505	-12,13598347	VS-400	2	-38,43305473	-12,13534866	VS-250	1
-38,4139669	-12,118372	MV-250	1	-38,41390089	-12,13031309	VS-250	1
-38,42380802	-12,13058199	VS-250	1	-38,41390089	-12,13031309	FL-45	4
-38,43309471	-12,14823694	VS-250	1	-38,40086795	-12,14584515	MV-250	1
-38,43309471	-12,14823694	VS-70	1	-38,31757612	-12,08270431	VS-70	1
-38,43803005	-12,0456959	VS-70	2	-38,41996059	-12,13736419	MV-400	1
-38,44066977	-12,13829705	MV-250	1	-38,43814972	-12,14072037	MV-250	1
-38,32825775	-12,17841961	VS-70	1	-38,35457901	-12,05793345	VS-70	1
-38,33189267	-12,17172465	VS-70	1	-38,41346278	-12,11652088	VS-70	1
-38,40939296	-12,12855529	VS-250	1	-38,41346278	-12,11652088	MV-250	1
-38,33559935	-12,18092125	VS-70	1	-38,46176953	-12,22679668	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,40794149	-12,13322425	VS-70	1	-38,40822607	-12,24767622	MV-400	6
-38,43705872	-12,12690375	VS-70	1	-38,40226781	-12,15533894	VS-70	1
-38,33804942	-12,1613214	VS-70	2	-38,41551801	-12,12062871	VS-400	1
-38,42518011	-12,13643946	VS-70	1	-38,41551801	-12,12062871	MV-250	1
-38,44503887	-12,1153237	MV-250	1	-38,41527134	-12,12408532	VS-70	1
-38,44420351	-12,11335712	VS-250	1	-38,41527134	-12,12408532	MV-400	1
-38,44557743	-12,11410858	VS-250	1	-38,41549968	-12,12521033	VS-70	1
-38,44668827	-12,1142976	VS-250	1	-38,42342797	-12,15029851	VS-250	1
-38,39990635	-12,14210921	VS-70	1	-38,42788145	-12,11802377	MV-250	1
-38,4211527	-12,15425143	VS-70	1	-38,43934951	-12,24780136	VS-70	1
-38,41381307	-12,11813034	MV-250	1	-38,39858824	-12,14198841	VS-70	1
-38,40478631	-12,14435184	MV-250	1	-38,39858824	-12,14198841	VS-70	1
-38,40478631	-12,14435184	VS-400	1	-38,3834653	-12,15719382	MT-160	1
-38,42652479	-12,10256054	VS-70	1	-38,39864369	-12,1416379	VS-250	5
-38,45382313	-12,15717866	VS-70	1	-38,39864369	-12,1416379	VS-250	7
-38,42536304	-12,14698361	VS-400	2	-38,39864369	-12,1416379	VS-250	1
-38,41790739	-12,14183127	VS-250	1	-38,39864369	-12,1416379	MV-250	1
-38,39780649	-12,14094519	MV-250	1	-38,43531665	-12,20183808	VS-70	1
-38,40612633	-12,12867356	MV-250	1	-38,41579477	-12,11691703	VS-70	1
-38,40894081	-12,15586055	VS-70	1	-38,41684278	-12,11018612	VS-70	1
-38,46856988	-12,13482383	VS-70	1	-38,42016357	-12,19635898	VS-70	1
-38,40271487	-12,15262071	VS-70	1	-38,43637763	-12,11823525	VS-70	1
-38,42073584	-12,13568905	VS-400	2	-38,41714966	-12,15144185	VS-70	1
-38,41838412	-12,12318283	VS-250	1	-38,40883295	-12,14578685	MV-250	1
-38,42907979	-12,10370218	VS-70	1	-38,4611953	-12,25029258	VS-70	1
-38,40874298	-12,12651524	MV-250	1	-38,44274648	-12,13440874	MV-250	1
-38,43277621	-12,11834595	VS-250	1	-38,33286267	-12,18064132	VS-70	1
-38,40680306	-12,12238865	VS-70	1	-38,50263381	-12,26673892	VS-70	1
-38,44167072	-12,13745614	VS-250	1	-38,40164124	-12,14113352	VS-70	1
-38,41692975	-12,11693037	VS-70	1	-38,41319129	-12,15045346	VS-70	1
-38,43519644	-12,12973707	VS-250	1	-38,32345939	-12,18074798	VS-70	1
-38,44695815	-12,14304371	VS-70	1	-38,42727021	-12,12615178	MV-400	1
-38,43095305	-12,14635528	VS-250	1	-38,42727021	-12,12615178	VS-70	1
-38,41123136	-12,11320371	VS-250	1	-38,412658	-12,13416027	MV-250	1
-38,46505075	-12,25817398	VS-250	1	-38,412658	-12,13416027	MV-400	1
-38,41076237	-12,15081332	MV-250	1	-38,412658	-12,13416027	VS-250	1
-38,44474401	-12,11337281	VS-250	1	-38,44674595	-12,11234654	MV-250	1
-38,42764178	-12,00591277	VS-70	1	-38,40951773	-12,24344289	VS-70	1
-38,43191979	-12,11655547	MV-250	1	-38,45921645	-12,14040207	MV-250	1
-38,41724321	-12,14308717	VS-250	1	-38,41284217	-12,15251305	VS-70	1
-38,43167141	-12,11933707	MV-250	1	-38,44768649	-12,13891377	MV-250	1
-38,43964837	-12,14296552	VS-150	1	-38,39918297	-12,11826698	VS-70	1
-38,45060641	-12,152832	VS-70	1	-38,39067086	-12,15538635	VS-150	1
-38,44128621	-12,14654914	VS-250	1	-38,43218968	-12,14724689	VS-250	1
-38,43475808	-12,14707693	VS-70	1	-38,42715471	-12,13237036	VS-250	1
-38,41181131	-12,14889346	MV-250	1	-38,43145084	-12,13973296	MV-250	1
-38,43861476	-12,13794371	VS-70	1	-38,41836133	-12,13558527	MV-400	1
-38,39900387	-12,05175399	VS-70	1	-38,42836882	-12,13991063	VS-250	1
-38,41090782	-12,12657321	VS-70	1	-38,42122261	-12,13555362	MV-400	2
-38,43156485	-12,1378566	MV-250	1	-38,41267617	-12,20674985	MV-250	1
-38,42162563	-12,15097107	MV-400	1	-38,41267617	-12,20674985	VS-70	1
-38,50574905	-12,25931948	VS-70	1	-38,39610293	-12,14683512	VS-70	1
-38,41534793	-12,1559485	MV-250	1	-38,47679132	-12,2161834	VS-70	1
-38,41953695	-12,14543351	VS-250	1	-38,44524977	-12,12849048	VS-150	1
-38,39643607	-12,22756627	VS-70	1	-38,44476482	-12,12919542	MV-250	1
-38,410458	-12,11818201	VS-70	1	-38,40979787	-12,19992483	VS-70	1
-38,41208637	-12,13662355	VS-250	1	-38,41218146	-12,13462142	VS-70	1
-38,51082655	-12,17863878	VS-70	1	-38,36637791	-12,18238206	MV-250	1
-38,46527483	-12,14047383	MV-250	1	-38,42116876	-12,15527964	VS-70	1
-38,44101857	-12,15487822	VS-70	1	-38,41869301	-12,14244861	MV-250	1
-38,44076463	-12,15498571	MV-250	1	-38,42910235	-12,12916938	VS-70	1
-38,44076463	-12,15498571	VS-70	1	-38,42242708	-12,11675536	VS-70	1
-38,41246472	-12,12139365	VS-150	1	-38,35354604	-12,20202956	VS-70	1
-38,43317474	-12,14845526	VS-70	1	-38,44313479	-12,1295621	VS-250	1
-38,42561967	-12,14001194	VS-250	1	-38,41421955	-12,10883829	VS-70	1
-38,4264364	-12,14060195	VS-250	1	-38,42549965	-12,1249924	VS-70	1
-38,50670633	-12,23086008	VS-70	1	-38,42549965	-12,1249924	VS-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,44995915	-12,15310353	VS-70	1	-38,41952031	-12,19504701	VS-70	1
-38,4229624	-12,12394533	VS-250	1	-38,40005351	-12,13231856	VS-70	1
-38,4229624	-12,12394533	VS-70	1	-38,42573308	-12,13915195	MV-400	1
-38,44958811	-12,1570753	VS-70	1	-38,42242309	-12,13140531	VS-400	2
-38,46127652	-12,14073376	VS-70	1	-38,40604298	-12,14816014	VS-250	1
-38,50529633	-12,24258829	VS-70	1	-38,39246787	-12,15008004	MV-250	1
-38,40161798	-12,11808532	VS-70	1	-38,38618328	-12,16029942	VS-70	1
-38,35373437	-12,21018619	VS-70	1	-38,4208863	-12,1504102	MV-250	1
-38,42924604	-12,21260266	VS-70	1	-38,43070979	-12,11910378	MV-250	1
-38,5283459	-12,1813218	VS-70	1	-38,36206614	-12,12922505	VS-70	1
-38,50670312	-12,18720541	MV-250	1	-38,41858461	-12,16494508	MV-250	1
-38,50670312	-12,18720541	VS-400	1	-38,39828125	-12,15006509	VS-70	1
-38,416588	-12,1350103	VS-250	1	-38,3734822	-12,10016833	VS-70	1
-38,41528186	-12,13376885	VS-250	1	-38,36285794	-12,04960376	VS-70	1
-38,41391617	-12,20457481	VS-70	1	-38,38286129	-12,10657717	VS-70	1
-38,41780301	-12,1530102	MV-250	1	-38,41267564	-12,1692975	VS-70	1
-38,42417965	-12,1532435	VS-70	1	-38,3405557	-12,04786948	VS-70	1
-38,42417965	-12,1532435	VS-250	1	-38,39462632	-12,11639861	VS-70	1
-38,49148625	-12,25257488	VS-70	1	-38,3918379	-12,13245018	MV-400	1
-38,43099107	-12,14021711	VS-150	1	-38,3918379	-12,13245018	MV-400	1
-38,43610643	-12,12602704	VS-150	1	-38,32285861	-12,11013789	VS-70	1
-38,39636313	-12,15225428	VS-70	1	-38,35444279	-12,12890662	VS-70	1
-38,43214468	-12,1489353	VS-70	1	-38,3640812	-12,09431685	VS-70	1
-38,43772642	-12,13472037	VS-250	1	-38,37859961	-12,10269861	VS-70	1
-38,4260852	-12,13837548	VS-250	1	-38,38083682	-12,10509897	VS-70	1
-38,44750298	-12,13587299	VS-70	1	-38,39074264	-12,13383731	VS-70	1
-38,43070983	-12,11554382	MV-250	1	-38,39467622	-12,15477503	VS-70	1
-38,42857799	-12,15335359	VS-250	1	-38,35876115	-12,09041855	VS-70	1
-38,3871001	-12,11514699	MV-250	1	-38,45504743	-12,22425293	VS-70	1
-38,3871001	-12,11514699	VS-70	1	-38,41523461	-12,16317172	VS-250	3
-38,3871001	-12,11514699	VS-250	1	-38,41523461	-12,16317172	MV-250	1
-38,398132	-12,14450277	VS-70	1	-38,44518928	-12,14172058	VS-70	1
-38,398132	-12,14450277	VS-70	1	-38,41526052	-12,16401058	VS-70	1
-38,39561847	-12,1181918	VS-250	1	-38,37385274	-12,09778607	MV-400	1
-38,42695422	-12,07390167	VS-70	1	-38,37385274	-12,09778607	VS-70	2
-38,44269901	-12,14155746	VS-250	1	-38,37015288	-12,14172998	VS-70	1
-38,41348781	-12,24244293	VS-70	1	-38,36287952	-12,09413356	VS-70	1
-38,46967749	-12,21025259	VS-70	1	-38,36071334	-12,1265076	VS-70	1
-38,43418307	-12,13590205	VS-250	1	-38,35084118	-12,08448521	VS-150	1
-38,50640087	-12,25959836	VS-70	1	-38,3680179	-12,09301695	VS-70	1
-38,43915977	-12,1285771	VS-70	2	-38,36238116	-12,13640567	VS-70	1
-38,44186307	-12,14618203	MV-250	1	-38,33167235	-12,03047332	VS-70	1
-38,44035834	-12,13108784	VS-70	1	-38,36693279	-12,16371988	VS-70	1
-38,46289537	-12,13969809	VS-70	1	-38,36230421	-12,16174843	VS-70	1
-38,46282744	-12,14000641	VS-70	1	-38,36706467	-12,15782526	VS-70	1
-38,41581457	-12,20203155	VS-250	1	-38,36572447	-12,15608878	VS-70	1
-38,41581457	-12,20203155	VS-70	1	-38,43502291	-12,22257485	VS-70	1
-38,44376807	-12,14228203	VS-70	1	-38,34860443	-12,16423309	VS-70	1
-38,41367302	-12,14828024	VS-70	1	-38,32684611	-12,16970469	VS-70	1
-38,41578179	-12,11082343	VS-70	1	-38,34930441	-12,16462643	VS-70	1
-38,43523316	-12,12542542	MV-250	1	-38,3159179	-12,07155018	VS-70	1
-38,44773716	-12,1595396	VS-70	1	-38,31373705	-12,07032765	VS-70	1
-38,44705208	-12,15959054	VS-70	1	-38,36633831	-12,16157077	VS-70	1
-38,44661329	-12,15975073	VS-70	1	-38,36486197	-12,15731578	VS-70	1
-38,4137966	-12,11026307	VS-70	1	-38,38607286	-12,15397833	MV-250	1
-38,41810808	-12,12909199	VS-70	1	-38,38607286	-12,15397833	MV-250	1
-38,39767639	-12,14068613	VS-70	1	-38,36901063	-12,16952976	VS-70	1
-38,44074143	-12,14365033	VS-70	1	-38,39002361	-12,15163303	MV-250	1
-38,41209967	-12,13903357	VS-250	1	-38,39026293	-12,15148009	MV-250	1
-38,4517182	-12,15564359	VS-70	1	-38,36800877	-12,17253317	VS-70	1
-38,40981628	-12,13678022	MV-250	1	-38,36671113	-12,16305152	MV-250	1
-38,44041796	-12,13649395	MV-250	1	-38,36497109	-12,16214319	VS-70	1
-38,4156187	-12,15147921	VS-70	1	-38,43502621	-12,23122214	VS-70	1
-38,4180947	-12,14293689	MV-250	1	-38,39125289	-12,14921511	VS-70	1
-38,41663826	-12,15174944	VS-250	1	-38,31622127	-12,07173183	VS-70	1
-38,46670286	-12,24601149	VS-70	1	-38,34148935	-12,16144646	VS-70	1
-38,41169326	-12,00576592	VS-70	1	-38,39087619	-12,14871172	VS-70	2

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,41908305	-12,12211368	VS-150	1	-38,31201012	-12,07040963	VS-70	1
-38,41908305	-12,12211368	VS-150	1	-38,43522785	-12,22330646	VS-70	1
-38,42379136	-12,14240025	VS-150	1	-38,36247486	-12,16554905	VS-400	1
-38,4254815	-12,07587728	VS-70	1	-38,36843883	-12,16971288	VS-70	1
-38,37486516	-12,135445	VS-70	1	-38,3109879	-12,06357359	VS-70	1
-38,37486516	-12,135445	MT-160	2	-38,36555596	-12,15808351	VS-70	1
-38,44117312	-12,13220705	MV-250	1	-38,36314289	-12,16566347	VS-70	1
-38,41542955	-12,11813267	VS-70	2	-38,3863745	-12,15376338	MV-250	1
-38,43749144	-12,14169197	VS-70	1	-38,36807745	-12,16873902	VS-70	1
-38,4397915	-12,12066381	VS-250	1	-38,31006975	-12,07359159	VS-70	1
-38,43675321	-12,12174906	VS-150	1	-38,36758022	-12,16862705	VS-70	1
-38,43633646	-12,12723207	MV-250	1	-38,31370586	-12,06994633	VS-70	1
-38,43633646	-12,12723207	MV-250	3	-38,38655895	-12,15364502	MV-250	1
-38,43876607	-12,22028021	VS-70	1	-38,43499286	-12,23077312	VS-70	1
-38,51136153	-12,17810713	VS-70	1	-38,43534119	-12,23007308	VS-70	1
-38,41216902	-12,24175759	FL-85	1	-38,31818618	-12,07255018	MV-250	1
-38,42653545	-12,16042122	VS-150	1	-38,36681155	-12,15837806	VS-70	1
-38,43822312	-12,14507696	VS-250	1	-38,36763042	-12,17254416	VS-70	1
-38,47595299	-12,21774507	MV-250	1	-38,43512955	-12,23034647	VS-70	1
-38,47595299	-12,21774507	MV-250	1	-38,31636767	-12,07144096	MV-250	1
-38,49449984	-12,17686538	VS-150	1	-38,34115438	-12,15972475	VS-70	1
-38,44015201	-12,10789106	VS-70	1	-38,3016071	-12,05189905	VS-70	1
-38,44015201	-12,10789106	MT-250	1	-38,43046482	-12,11681711	MV-250	1
-38,42258308	-12,13489528	MV-400	1	-38,39592256	-12,15376567	VS-70	1
-38,42618533	-12,12785365	VS-150	1	-38,4126202	-12,14873326	MV-250	1
-38,42386138	-12,13699527	MV-400	1	-38,42820629	-12,1397213	VS-250	1
-38,4147252	-12,12946919	VS-250	1	-38,4261298	-12,10275883	VS-250	1
-38,4317082	-12,10421718	VS-70	1	-38,4261298	-12,10275883	VS-70	1
-38,42192804	-12,14316528	MV-400	1	-38,3992479	-12,15225173	VS-70	1
-38,51297982	-12,20034702	MV-250	1	-38,44631907	-12,14072549	VS-70	1
-38,41804717	-12,13665109	MV-250	1	-38,45338901	-12,15242315	VS-70	1
-38,39510779	-12,22886792	VS-70	1	-38,44142593	-12,12333333	VS-70	1
-38,42643309	-12,13304195	VS-250	1	-38,39354131	-12,1188452	MV-400	1
-38,41676804	-12,11912537	VS-70	1	-38,4231737	-12,13401772	VS-250	1
-38,39089675	-12,15783936	MV-250	1	-38,4442464	-12,14248534	VS-70	1
-38,40851143	-12,12741881	MV-250	1	-38,41638754	-12,21955124	VS-70	1
-38,44145975	-12,11196969	VM-250	1	-38,50504645	-12,18465371	VS-250	1
-38,442732	-12,11158061	VS-150	1	-38,50504645	-12,18465371	VS-250	1
-38,41869134	-12,130872	MV-250	1	-38,50504645	-12,18465371	MV-250	1
-38,40241297	-12,14278682	MV-250	1	-38,50504645	-12,18465371	MV-400	1
-38,39826467	-12,1452178	VS-70	1	-38,39936773	-12,22515872	VS-70	1
-38,39826467	-12,1452178	VS-70	1	-38,49803004	-12,1764677	VS-70	1
-38,43104734	-12,1476983	VS-150	1	-38,44385143	-12,14615698	MV-250	1
-38,39814461	-12,15320006	VS-250	1	-38,34387603	-12,21297945	VS-70	1
-38,44034408	-12,12851543	VS-70	1	-38,40332131	-12,11858697	VS-70	1
-38,43143647	-12,10468047	VS-250	1	-38,50474816	-12,18427202	MV-250	1
-38,43428488	-12,04134342	VS-70	1	-38,4123963	-12,1443435	MV-250	1
-38,4115223	-12,14415332	MV-250	1	-38,41267969	-12,14397517	VS-250	1
-38,40203992	-12,13397567	VS-70	1	-38,41410801	-12,1470202	VS-70	1
-38,40848999	-11,96590461	VS-70	1	-38,41218137	-12,14650313	VS-250	1
-38,41933966	-12,14017693	VS-250	1	-38,39468464	-12,11408696	MV-250	1
-38,414248	-12,15436352	VS-70	1	-38,4372031	-12,13092707	VS-250	2
-38,43800258	-12,12338914	MV-250	1	-38,4379481	-12,12653543	VS-70	1
-38,46759823	-12,1408621	VS-250	1	-38,41505799	-12,14984517	VS-70	1
-38,40635448	-12,19920314	VS-70	1	-38,3992847	-12,13250417	MV-250	1
-38,47169549	-12,13976577	VS-70	1	-38,3992847	-12,13250417	VS-70	1
-38,40389132	-12,14432512	MV-250	1	-38,42168716	-12,14438949	MV-400	1
-38,40465737	-12,12500948	MV-400	1	-38,41241758	-12,1164967	VS-70	1
-38,40465737	-12,12500948	MV-250	1	-38,43748639	-12,14362202	VS-400	1
-38,40465737	-12,12500948	VS-70	1	-38,44405285	-12,15582148	VS-70	1
-38,42102466	-12,14159695	MV-250	1	-38,44405285	-12,15582148	VS-70	1
-38,41863302	-12,14139843	VS-250	1	-38,44374724	-12,15466882	MV-70	1
-38,43555809	-12,13483868	VS-250	1	-38,40269873	-12,12639142	VS-250	1
-38,43710645	-12,13242037	VS-250	1	-38,40886061	-12,12806137	VS-70	1
-38,39529062	-12,11428639	VS-70	1	-38,41809349	-11,93969495	VS-70	1
-38,37312362	-12,13012306	VS-70	1	-38,372219	-11,99379978	VS-70	1
-38,40714078	-12,21247072	VS-70	1	-38,37699192	-11,95587382	MV-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,39843065	-12,12968858	MV-250	1	-38,37609643	-11,97476929	VS-70	1
-38,40334178	-12,1316493	VS-150	1	-38,34928454	-11,98081404	VS-70	1
-38,45078711	-11,93489022	VS-70	1	-38,37329634	-11,98537036	VS-70	1
-38,46532002	-12,14130412	VS-250	1	-38,45150207	-11,9350836	VS-70	1
-38,40711296	-12,12804022	VS-70	1	-38,41366528	-11,94290494	MV-250	1
-38,40448292	-12,15074013	VS-250	1	-38,37190203	-11,99577901	VS-70	2
-38,4350247	-12,14006036	MV-250	1	-38,37240814	-11,99580851	VS-70	1
-38,42313308	-12,13681199	VS-400	1	-38,37976984	-11,95798442	VS-250	1
-38,4206961	-12,14067871	MV-250	1	-38,35744926	-12,03449949	VS-70	1
-38,44814249	-12,15446126	VS-70	1	-38,37305968	-11,98909415	VS-70	1
-38,42542238	-12,13752738	VS-70	1	-38,41885178	-11,94225153	VS-70	1
-38,4667362	-12,24671977	VS-70	1	-38,39978101	-12,05164056	VS-70	1
-38,43276088	-12,12178015	VS-250	4	-38,35646293	-12,03391215	VS-70	1
-38,41789585	-12,13571402	MV-250	1	-38,36880807	-11,99635409	VS-70	1
-38,4286781	-12,12420872	VS-150	1	-38,41692608	-11,94633952	VS-70	1
-38,4286781	-12,12420872	VS-250	1	-38,40956173	-12,24529146	VS-70	1
-38,4665532	-12,14136882	VS-250	1	-38,39190661	-11,94439468	VS-70	1
-38,39413159	-11,9484296	VS-70	1	-38,38664486	-11,94290128	VS-70	1
-38,40676495	-12,00563098	VS-70	1	-38,34975294	-11,98167406	VS-70	1
-38,37337297	-12,03051391	VS-70	1	-38,37267619	-11,98757558	VS-70	1
-38,39895633	-12,02270119	MV-250	1	-38,45423546	-11,93605029	VS-70	1
-38,39895633	-12,02270119	VS-70	1	-38,37699136	-11,95890852	VS-70	1
-38,43154023	-11,93345678	VS-70	1	-38,39298321	-11,94338803	VS-70	1
-38,4193235	-11,94353823	VS-70	1	-38,37698475	-11,9842826	VS-70	1
-38,40231529	-11,93900779	VS-70	1	-38,37951143	-11,95758282	MV-250	1
-38,42189489	-11,93690484	VS-70	1	-38,37951143	-11,95758282	VS-150	1
-38,35915289	-12,03346221	VS-70	1	-38,44384873	-11,93320189	VS-70	1
-38,37721976	-11,97006103	VS-70	1	-38,46676717	-11,94338028	VS-70	1
-38,40001679	-11,9480969	VS-70	1	-38,36458887	-11,99057727	VS-70	1
-38,45221043	-11,93524195	VS-70	1	-38,39891764	-12,05552604	VS-70	1
-38,374767117	-12,03638044	VS-70	1	-38,3610129	-12,03372887	VS-70	1
-38,44087868	-11,93339682	VS-70	1	-38,37218639	-11,99089249	VS-70	1
-38,35378794	-11,996504	VS-70	1	-38,37320396	-11,98688258	VS-70	1
-38,37214468	-11,99176916	VS-70	1	-38,44790708	-11,93442852	VS-70	1
-38,33667617	-11,96934743	VS-70	1	-38,37736503	-11,95697639	VS-250	1
-38,41598525	-11,94347187	VS-70	1	-38,42061925	-11,93665072	VS-70	1
-38,42547009	-12,00344277	VS-70	1	-38,397769	-11,95069497	VS-70	1
-38,47059383	-11,94853523	VS-70	1	-38,40207835	-11,94065642	VS-70	1
-38,38395648	-11,9474696	VS-70	1	-38,37164519	-11,98395352	VS-250	1
-38,38632657	-11,9433496	VS-70	1	-38,46572052	-11,94234861	VS-70	1
-38,37908812	-11,95726783	MV-250	1	-38,4211376	-11,93704775	VS-70	1
-38,44222038	-11,93307349	VS-70	1	-38,47401463	-12,23980657	VS-70	1
-38,45555376	-11,93673027	VS-70	1	-38,46997747	-12,21539362	VS-70	1
-38,4548771	-11,93645362	VS-70	1	-38,45532821	-12,23147383	VS-70	1
-38,35440958	-12,03543551	MV-250	1	-38,47504296	-12,24013323	MV-400	1
-38,41476011	-11,9431132	VS-70	1	-38,45853874	-12,23310165	VS-70	1
-38,41520025	-11,94323924	VS-70	1	-38,45540722	-12,23202498	VS-70	1
-38,4701197	-11,94708838	VS-70	1	-38,47387361	-12,22297494	VS-70	1
-38,37288748	-11,98786799	VS-70	1	-38,46668461	-12,22358661	VS-70	1
-38,35393843	-11,99124006	VS-70	1	-38,47134769	-12,22473609	VS-70	1
-38,37010136	-11,99041915	VS-70	1	-38,46161844	-12,21663565	VS-70	1
-38,37233483	-11,96768805	VS-70	1	-38,45468386	-12,22801146	VS-70	1
-38,37199307	-11,9933141	VS-70	1	-38,46961293	-12,24361986	MV-250	1
-38,39018325	-11,9477213	VS-70	1	-38,46961293	-12,24361986	VS-70	1
-38,46232214	-11,93865029	VS-70	1	-38,47428802	-12,24607455	VS-70	1
-38,35808629	-12,00128066	VS-70	1	-38,45294121	-12,22938982	VS-70	1
-38,41724345	-11,94735813	VS-70	1	-38,46830461	-12,22404826	VS-70	1
-38,40342908	-12,13825752	VS-250	1	-38,47449736	-12,2226065	VS-150	1
-38,40342908	-12,13825752	MV-250	1	-38,47233459	-12,22341558	VS-70	1
-38,42281466	-12,14716024	MV-250	1	-38,47233459	-12,22341558	VS-70	1
-38,4186047	-12,11778866	VS-70	1	-38,47414655	-12,22352867	VS-70	1
-38,46466753	-12,15958192	MV-250	1	-38,45391276	-12,2317911	VS-70	1
-38,39883102	-12,14328865	VS-70	1	-38,46930792	-12,24261985	VS-70	1
-38,37335294	-12,10274358	VS-70	1	-38,47285806	-12,2146388	VS-70	1
-38,37353631	-12,02911229	VS-70	1	-38,47098128	-12,21635774	VS-70	1
-38,47745232	-12,2704569	VS-70	1	-38,47194646	-12,2183319	VS-70	1
-38,40426968	-12,13386854	MV-250	1	-38,47371642	-12,22380246	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,41219362	-12,11913203	VS-70	1	-38,47643181	-12,22080441	VS-70	1
-38,43894645	-12,12672873	VS-150	1	-38,47089375	-12,21605221	VS-70	1
-38,42145142	-12,10549047	VS-70	1	-38,45474422	-12,23209215	VS-70	1
-38,40812813	-12,11879993	VS-70	1	-38,47086747	-12,22155829	VS-70	1
-38,41694594	-12,14879491	VS-250	1	-38,47086747	-12,22155829	VS-70	1
-38,40906298	-12,13897519	VS-250	1	-38,47088115	-12,2166624	VS-70	1
-38,4641465	-12,14002211	VS-70	1	-38,47088115	-12,2166624	VS-70	1
-38,41565919	-12,15012126	VS-250	1	-38,47229582	-12,20825148	VS-70	1
-38,41565919	-12,15012126	VS-70	1	-38,44773057	-12,23211847	VS-70	1
-38,42763465	-12,21758166	VS-70	1	-38,45401126	-12,22952037	VS-70	1
-38,2818515	-12,10359682	VS-70	1	-38,4702243	-12,21329456	VS-70	1
-38,41380604	-12,14648179	MV-400	1	-38,4702243	-12,21329456	VS-70	1
-38,41380604	-12,14648179	VS-250	1	-38,46749629	-12,22971821	VS-70	1
-38,4318247	-12,1385703	VS-250	1	-38,4697276	-12,21099989	VS-70	1
-38,43454971	-12,13723703	MV-250	1	-38,4697276	-12,21099989	VS-70	1
-38,41683802	-12,15493849	MV-250	1	-38,45181354	-12,23256857	VS-70	2
-38,48530743	-12,13694487	VS-70	1	-38,45482049	-12,22345929	VS-70	1
-38,34048775	-12,16548637	VS-70	1	-38,40401295	-12,14148683	MV-250	1
-38,41851214	-12,15722925	MV-250	1	-38,42934806	-12,133937	VS-250	2
-38,44480985	-12,12511683	VS-150	1	-38,41953475	-12,12977864	MV-250	1
-38,39432632	-12,11443524	VS-250	1	-38,41953475	-12,12977864	VS-150	6
-38,39432632	-12,11443524	VS-70	1	-38,42078238	-12,12042069	VS-70	1
-38,43726805	-12,14383369	MV-250	1	-38,42628053	-12,13513762	VS-250	1
-38,43555972	-12,13728038	MV-250	1	-38,45324615	-12,15811424	VS-70	1
-38,40784635	-12,14081515	MV-400	1	-38,41064298	-12,14242515	MV-250	1
-38,40784635	-12,14081515	VS-250	1	-38,41465514	-12,14359423	MV-250	1
-38,41742135	-12,16114096	VS-400	1	-38,39839564	-12,14011526	VS-250	1
-38,42289764	-12,13646338	MV-400	1	-38,44643973	-12,12276602	VS-70	1
-38,45518438	-12,16142023	VS-70	1	-38,44663372	-12,12356463	VS-70	1
-38,45367142	-12,15463704	VS-250	1	-38,42683661	-12,12846526	VS-150	1
-38,43999311	-12,14494865	VS-150	1	-38,42668551	-12,1283557	VS-150	1
-38,43563976	-12,13194208	VS-250	1	-38,42667118	-12,12811594	VS-150	1
-38,4227747	-12,15248689	VS-70	1	-38,39446417	-12,11740633	VS-250	1
-38,4316814	-12,12754535	MV-250	1	-38,393843	-12,11697858	MV-400	1
-38,430963	-12,15414857	VS-250	1	-38,38823084	-12,15382332	VS-150	1
-38,4195106	-12,12973202	MV-250	1	-38,39669458	-12,14498349	VS-70	1
-38,39845316	-12,13856059	VS-70	1	-38,4711355	-11,9490586	VS-70	1
-38,44565328	-12,16044556	VS-70	1	-38,46148901	-12,25166854	VS-70	1
-38,43919148	-12,12164042	MV-250	1	-38,41873445	-12,14761859	VS-250	1
-38,44248945	-12,14772699	VS-250	1	-38,41506132	-12,15572181	VS-70	1
-38,43521807	-12,1374103	MV-250	1	-38,43132539	-12,12910581	VS-70	1
-38,4302864	-12,13124701	VS-250	1	-38,38150954	-12,13534345	VS-70	1
-38,38789183	-12,11396379	MV-250	1	-38,40003295	-12,20019254	VS-250	1
-38,38789183	-12,11396379	MV-250	1	-38,40003295	-12,20019254	VS-70	1
-38,30508469	-12,05701029	VS-70	1	-38,39673696	-12,14136607	MV-400	1
-38,40406507	-12,12222907	VS-70	1	-38,41408969	-12,12948361	VS-250	1
-38,471133615	-12,26601468	VS-70	1	-38,41702303	-12,13856357	MV-250	1
-38,41069805	-12,11791034	VS-70	1	-38,42140437	-12,12722279	VS-70	1
-38,42986482	-12,11709545	MV-250	1	-38,42245639	-12,13848525	VS-250	1
-38,45663571	-12,14384726	MV-250	1	-38,48122284	-12,26928307	VS-70	1
-38,41579638	-12,11186705	VS-70	1	-38,40825982	-12,13336243	VS-70	1
-38,41550806	-12,11256707	VS-70	1	-38,43149534	-12,15228619	VS-250	1
-38,44278158	-12,10635886	VS-150	1	-38,4035813	-12,12956692	VS-70	1
-38,43136975	-12,13639367	VS-250	1	-38,40191298	-12,11801198	VS-70	1
-38,4370681	-12,14433862	VS-250	1	-38,51080745	-12,18081507	VS-70	1
-38,44416918	-12,15629186	VS-70	1	-38,50767817	-12,18061211	VS-70	1
-38,41864302	-12,13979355	VS-250	1	-38,39726891	-12,14883922	VS-70	1
-38,41499638	-12,12452534	VS-250	1	-38,41910477	-12,11450377	VS-70	1
-38,39839196	-12,15266899	VS-70	1	-38,35158285	-12,08403018	VS-70	1
-38,40356632	-12,13108524	MV-250	1	-38,36248083	-12,09383912	VS-70	2
-38,41770947	-12,19660039	VS-70	1	-38,36685464	-12,05068048	VS-70	1
-38,39834072	-12,13032452	MV-250	1	-38,38631962	-12,10885416	VS-70	1
-38,41175945	-12,15180769	VS-250	1	-38,37076966	-12,13879991	VS-70	1
-38,41145802	-12,11347204	MV-250	1	-38,35205449	-12,08435357	VS-70	1
-38,41118971	-12,12882197	VS-150	1	-38,37183627	-12,04731053	VS-70	1
-38,35362114	-12,12887828	VS-70	1	-38,36165122	-12,05152879	VS-70	1
-38,46612316	-12,13820045	VS-70	1	-38,38249131	-12,10571525	VS-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,44100464	-12,15449068	VS-70	1	-38,38249131	-12,10571525	VS-70	1
-38,41194587	-12,14720661	MV-250	1	-38,37357729	-12,10770288	VS-70	1
-38,40854973	-12,12363692	VS-70	2	-38,35312621	-12,08545192	VS-70	1
-38,43494141	-12,13440202	VS-150	1	-38,36586285	-12,09288691	VS-70	1
-38,40430015	-12,12995169	MV-250	1	-38,37766026	-12,10574838	VS-70	1
-38,44016152	-12,12271378	VS-70	1	-38,42741804	-12,15423525	VS-70	1
-38,39678044	-12,14321281	MV-400	1	-38,42741804	-12,15423525	VS-250	1
-38,44765258	-12,13270813	VS-70	1	-38,42306798	-12,16739181	MV-250	1
-38,42179637	-12,14033855	VS-250	1	-38,33848087	-12,04870476	VS-70	1
-38,4207114	-12,13849859	MV-400	2	-38,3703928	-12,1364234	VS-70	1
-38,43052973	-12,12852539	MV-250	1	-38,39548631	-12,10325395	VS-70	1
-38,40687401	-12,22202674	VS-70	1	-38,39548631	-12,10325395	VS-400	1
-38,46527148	-12,14104712	MV-250	1	-38,3379278	-12,07418686	VS-70	1
-38,45490815	-12,14237874	VS-70	1	-38,31390994	-12,09601292	MV-250	1
-38,44356584	-12,11543216	MV-250	1	-38,36426215	-12,12927134	VS-70	1
-38,44382166	-12,11565725	MV-250	1	-38,36500463	-12,12932849	VS-70	1
-38,44444128	-12,11521339	MV-250	1	-38,32809523	-12,11019079	VS-70	1
-38,44606051	-12,11472638	MV-250	1	-38,29680297	-12,11613673	VS-70	1
-38,44692395	-12,11452595	VS-250	1	-38,37743284	-12,14869833	VS-70	1
-38,44545601	-12,11306735	MV-250	1	-38,37768181	-12,10667318	VS-70	2
-38,44484331	-12,11242134	MV-250	1	-38,39060626	-12,14552345	VS-70	1
-38,44671134	-12,1132074	MV-250	1	-38,34782113	-12,0804169	VS-70	1
-38,44611737	-12,13201939	VS-70	1	-38,38233312	-12,10450694	MV-250	1
-38,44589597	-12,12945532	VS-150	1	-38,38081451	-12,14714168	VS-70	1
-38,44589597	-12,12945532	MV-250	1	-38,29639299	-12,11638001	VS-70	1
-38,46634872	-12,142923	MV-250	1	-38,43131644	-12,12375708	VS-150	1
-38,46634872	-12,142923	VS-250	1	-38,44421283	-12,11036974	VS-250	1
-38,40470468	-12,14000015	MV-250	1	-38,40257017	-12,14923165	VS-70	1
-38,45400313	-12,15398537	VS-70	1	-38,40257017	-12,14923165	LD-50	1
-38,43822473	-12,14514865	VS-150	1	-38,44797116	-12,13997371	VS-70	1
-38,39763298	-12,13479688	VS-70	1	-38,43176976	-12,13328869	VS-250	1
-38,44537917	-12,12397786	VS-70	1	-38,42239853	-12,13668441	MV-400	1
-38,42321997	-12,13019597	VS-70	1	-38,42239853	-12,13668441	VS-400	1
-38,41578469	-12,1295536	VS-70	1	-38,43930753	-12,13225932	VS-70	1
-38,47929385	-12,23343763	MT-160	1	-38,43930753	-12,13225932	MV-250	1
-38,44598883	-12,12273748	VS-70	1	-38,43930753	-12,13225932	VS-250	1
-38,416003	-12,14601769	VS-250	1	-38,47644986	-12,13841007	VS-70	1
-38,44748689	-12,00841614	VS-70	1	-38,41056463	-12,14914013	VS-250	1
-38,39056455	-12,15788503	MV-250	1	-38,41591465	-12,15394518	VS-70	1
-38,45730882	-12,14019961	VS-70	1	-38,41204933	-12,14698327	MV-250	1
-38,41161128	-12,15210844	VS-250	1	-38,40151479	-12,12900376	MV-250	1
-38,43582146	-12,13023539	VS-150	1	-38,40788296	-12,13193191	VS-70	1
-38,41556967	-12,1529118	MV-250	1	-38,40788296	-12,13193191	MV-250	1
-38,41556967	-12,1529118	VS-70	1	-38,43605484	-12,1210688	VS-150	1
-38,41182298	-12,13026864	MV-250	1	-38,47029878	-12,23479692	VS-70	1
-38,2926714	-12,11854005	VS-70	1	-38,44546482	-12,13541042	MV-250	1
-38,35374936	-12,18697804	VS-70	1	-38,41592471	-12,12818032	VS-70	1
-38,40041618	-12,20143315	VS-70	1	-38,41020095	-12,15350645	MV-250	1
-38,43047143	-12,1348553	VS-250	1	-38,43945305	-12,10543028	VS-70	1
-38,43047143	-12,1348553	VS-250	1	-38,4630433	-12,26007164	FL-85	1
-38,3972988	-12,13711244	VS-70	1	-38,42710644	-12,14782222	VS-250	1
-38,43323976	-12,11732544	MV-250	1	-38,42111623	-12,12671337	VS-70	1
-38,4218697	-12,13831192	VS-250	1	-38,34641108	-12,16298143	MV-250	1
-38,41372364	-12,13093664	MV-250	1	-38,34641108	-12,16298143	VS-70	1
-38,41954511	-12,1496359	VS-250	1	-38,48812313	-12,17701035	MV-250	1
-38,42659035	-12,12365115	VS-400	1	-38,44419309	-12,14815361	VS-70	1
-38,43326303	-12,14382193	VS-250	1	-38,45463479	-12,14261708	MV-250	1
-38,43326303	-12,14382193	VS-250	1	-38,41940598	-12,13750288	MV-400	1
-38,41375205	-12,14389061	VS-250	1	-38,40058645	-12,12736657	VS-150	1
-38,40536463	-12,1495235	VS-250	1	-38,30647465	-12,05827695	VS-70	1
-38,41197968	-12,12759028	VS-70	1	-38,47251816	-12,14652047	VS-70	1
-38,42004295	-12,15117687	VS-250	1	-38,43081305	-12,13582869	VS-250	1
-38,43161207	-12,12934846	VS-70	1	-38,4298981	-12,13705884	VS-250	1
-38,48241626	-12,25006153	VS-70	1	-38,43227675	-12,11729976	VS-250	1
-38,41516475	-12,1228837	MV-250	1	-38,41508244	-12,1511833	VS-70	1
-38,41516475	-12,1228837	VS-250	1	-38,33719602	-12,17578133	VS-70	1
-38,41516475	-12,1228837	MV-250	1	-38,49245134	-12,22762669	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,44232355	-12,10729309	VS-70	1	-38,43252475	-12,11678714	MV-250	1
-38,40745767	-12,13357805	VS-70	1	-38,39830524	-12,13214433	VS-70	1
-38,43606478	-12,13984367	MV-250	2	-38,41311167	-12,10194581	VS-70	1
-38,42325801	-12,15287355	VS-70	1	-38,32848602	-12,17979301	MV-250	1
-38,43490642	-12,12496705	MV-250	1	-38,41202902	-12,12922842	MV-250	1
-38,42584819	-12,08026396	VS-70	1	-38,4074878	-12,24770789	VS-70	1
-38,42584819	-12,08026396	MV-250	1	-38,48302796	-12,22910595	VS-70	1
-38,42961971	-12,12830701	VS-70	1	-38,48884463	-12,22470502	VS-70	1
-38,4448309	-12,12730577	VS-150	1	-38,41419536	-12,14778592	VS-70	1
-38,43143695	-12,13780205	MV-250	1	-38,43622981	-12,13121541	VS-70	1
-38,42902403	-12,13758918	VS-250	1	-38,42283051	-12,14082757	MV-250	1
-38,44645657	-12,1295072	VS-150	1	-38,38754126	-12,11485359	VS-70	1
-38,44645657	-12,1295072	MV-250	1	-38,40918649	-12,15573971	MV-250	1
-38,4280137	-12,21926708	MV-400	1	-38,43398316	-12,12796383	VS-70	1
-38,4280137	-12,21926708	VS-70	1	-38,44123321	-12,10904717	VS-70	1
-38,40512329	-12,00522928	VS-70	1	-38,44469574	-12,12341426	VS-70	1
-38,43609302	-12,14543198	MV-400	1	-38,44720964	-12,12249533	VS-70	1
-38,41611269	-12,13134186	VS-70	1	-38,38768794	-12,11726521	VS-70	1
-38,44867852	-12,00790951	VS-70	1	-38,42502268	-12,12706302	VS-150	1
-38,41444823	-12,11560774	VS-70	1	-38,42533429	-12,12726547	VS-150	1
-38,41550135	-12,12437869	MV-250	1	-38,39680519	-12,11904991	MV-250	1
-38,45142104	-12,1375958	MV-250	1	-38,41359634	-12,15262349	VS-70	1
-38,40603964	-12,1366519	VS-70	2	-38,41930949	-12,23268964	VS-70	1
-38,40603964	-12,1366519	HL-500	1	-38,42550526	-12,14038265	MV-250	1
-38,44483479	-12,13163044	MV-250	2	-38,40097965	-12,1384468	VS-150	1
-38,42678608	-12,14795095	VS-250	1	-38,39968625	-12,14881179	MV-250	1
-38,43748213	-12,23803433	VS-70	1	-38,43133607	-12,14787093	VS-250	1
-38,43425582	-12,23473533	VS-70	1	-38,43133607	-12,14787093	VS-250	1
-38,4062213	-12,13842183	MV-250	1	-38,40943298	-12,13077861	VS-70	1
-38,41274683	-12,12404538	VS-70	1	-38,40943298	-12,13077861	MV-400	2
-38,39487829	-12,11483771	VS-70	1	-38,38819297	-12,11589359	VS-70	1
-38,41421311	-12,14541503	VS-70	1	-38,43852306	-12,14206365	VS-250	1
-38,44216811	-12,14563863	MV-250	1	-38,41616854	-12,13810962	MV-400	1
-38,44146481	-12,12882043	VS-150	1	-38,4459031	-12,13838207	MV-250	1
-38,42212807	-12,12295872	MV-250	1	-38,39719268	-12,13641481	VS-70	1
-38,41519883	-12,14959172	MV-250	1	-38,39720535	-12,13675493	VS-70	1
-38,39156738	-12,1558931	VS-150	1	-38,42951132	-12,14975028	VS-250	1
-38,41438042	-12,12611768	VS-70	1	-38,42633466	-12,14370029	MV-250	1
-38,40062463	-12,14558011	MV-250	1	-38,40364301	-12,1257069	VS-70	1
-38,40062463	-12,14558011	MV-250	3	-38,40433625	-12,14287351	VS-250	1
-38,4178297	-12,12631536	MV-250	1	-38,42819822	-12,08096067	VS-70	1
-38,43075813	-12,11868374	MV-250	1	-38,48892187	-12,22787571	VS-70	1
-38,44772913	-12,12616754	VS-70	1	-38,4104394	-12,24290621	VS-70	1
-38,42733812	-12,11827539	MV-250	1	-38,41877952	-12,23244802	VS-70	1
-38,42733812	-12,11827539	MT-250	1	-38,40737469	-12,13540024	VS-250	2
-38,41352468	-12,14560351	VS-250	1	-38,4146095	-12,20879648	VS-70	1
-38,41352468	-12,14560351	VS-70	2	-38,41680221	-12,11362238	VS-70	1
-38,40643671	-12,14633378	MV-250	1	-38,50070869	-12,20304301	VS-70	1
-38,39730793	-12,14370678	VS-70	1	-38,40622632	-12,12991191	VS-70	1
-38,38969791	-12,15407937	VS-150	1	-38,40343797	-12,1303819	MV-250	1
-38,45372982	-12,1432437	MV-250	1	-38,40343797	-12,1303819	VS-70	1
-38,45372982	-12,1432437	VS-70	1	-38,50703138	-12,18996514	VS-250	1
-38,46566151	-12,14183208	VS-250	1	-38,43285135	-12,14435193	VS-250	1
-38,48939449	-12,26846979	VS-70	1	-38,44361141	-12,14953867	VS-70	1
-38,41549375	-12,1428918	MV-250	1	-38,46724793	-12,23584485	VS-70	1
-38,43841901	-12,14599963	MV-250	1	-38,4115846	-12,15533344	VS-250	1
-38,44298817	-12,12716546	VS-250	1	-38,41464628	-12,14406352	VS-250	1
-38,39959515	-11,95181095	VS-70	1	-38,41464628	-12,14406352	VS-70	1
-38,44244642	-12,13468869	VS-250	1	-38,43147142	-12,13231704	VS-250	1
-38,41446263	-12,20206178	VS-70	1	-38,43892815	-12,13315707	MV-400	1
-38,50346628	-12,2374167	VS-70	1	-38,43892815	-12,13315707	VS-70	1
-38,44600104	-12,11211085	MV-250	1	-38,41383339	-12,10162458	VS-70	1
-38,3017438	-12,05218157	VS-70	1	-38,50884143	-12,19329535	MV-250	1
-38,44387146	-12,14943361	VS-70	1	-38,40008855	-12,13358098	VS-250	1
-38,2926747	-12,0865918	VS-70	1	-38,40008855	-12,13358098	VS-150	1
-38,42387974	-12,14268692	VS-250	1	-38,42918477	-12,12934539	VS-70	1
-38,44171973	-12,14558366	VS-150	1	-38,42108813	-12,1274089	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,38705011	-12,15334336	MV-250	1	-38,33149767	-12,17501795	VS-70	1
-38,40484802	-12,12115032	VS-70	1	-38,32824274	-12,182143	VS-70	1
-38,41100022	-12,13704798	VS-250	1	-38,40249294	-12,15056004	MV-250	1
-38,39629462	-12,15156508	VS-70	1	-38,42073184	-12,14963205	VS-250	1
-38,44815238	-12,12556887	VS-70	1	-38,42487171	-12,14691623	VS-250	1
-38,44725581	-12,12603653	VS-70	1	-38,45274797	-12,14370964	VS-70	1
-38,41981301	-12,13986521	MV-250	1	-38,42590637	-12,13014863	VS-70	1
-38,41811574	-12,13815688	MV-400	1	-38,44599675	-12,11256605	MV-250	1
-38,41514622	-12,17718999	VS-400	1	-38,41597308	-12,12450865	VS-70	1
-38,39745131	-12,13459349	VS-70	1	-38,44028815	-12,12225547	VS-70	1
-38,41204944	-12,10120927	VS-70	1	-38,4219694	-12,1448064	MV-250	1
-38,41136133	-12,14406855	MV-250	1	-38,43970315	-12,12806042	VS-70	1
-38,412463	-12,13352025	VS-250	1	-38,49347232	-12,20705992	VS-70	1
-38,412463	-12,13352025	VS-250	1	-38,41906168	-12,14513325	MV-250	1
-38,40869648	-12,12545333	MV-250	1	-38,42954958	-12,1495853	MV-250	1
-38,45423643	-12,15241697	VS-70	1	-38,41906269	-12,15048586	VS-250	1
-38,46526985	-12,13643216	MV-250	1	-38,40554797	-12,1398035	VS-250	1
-38,43167973	-12,14517696	VS-70	1	-38,40456494	-12,00519429	VS-70	1
-38,41768425	-12,13075064	VS-70	1	-38,41339023	-12,16766496	VS-70	1
-38,40343293	-12,12405233	VS-70	1	-38,33276902	-12,17417745	VS-70	1
-38,42696944	-12,25130051	VS-70	1	-38,27862815	-12,10759841	VS-70	1
-38,44079973	-12,14516531	VS-150	1	-38,46423964	-12,22271659	VS-70	1
-38,42494986	-12,07997897	VS-70	1	-38,51023977	-12,19578202	VS-250	1
-38,41625298	-12,1448485	MV-250	1	-38,44137278	-12,13355153	MV-250	1
-38,41625298	-12,1448485	VS-250	1	-38,4410761	-12,13368104	MV-250	1
-38,41625298	-12,1448485	VS-70	1	-38,44976521	-12,0066929	VS-70	1
-38,4297647	-12,14367529	VS-70	1	-38,43070809	-12,13714368	MV-250	1
-38,42954253	-12,12323437	MV-400	1	-38,43780142	-12,12363543	VS-250	1
-38,42954253	-12,12323437	VS-150	1	-38,43780142	-12,12363543	VS-250	1
-38,41155139	-12,11898623	FL-30	1	-38,42127427	-12,12018783	VS-70	1
-38,41155139	-12,11898623	VS-70	1	-38,41949492	-12,12094936	VS-70	1
-38,42337477	-12,12918368	MV-250	1	-38,41725169	-12,14822936	VS-250	1
-38,4408431	-12,14416032	MV-250	1	-38,40001839	-12,13318388	VS-70	1
-38,44434177	-12,14318618	VS-250	1	-38,40001839	-12,13318388	MV-400	1
-38,43310811	-12,11705049	MV-250	1	-38,42855823	-12,1411173	VS-250	1
-38,41994807	-12,12343867	VS-250	1	-38,40827302	-12,13096856	VS-70	1
-38,41988973	-12,14032361	MV-250	1	-38,48110458	-12,24159985	VS-70	1
-38,40507133	-12,11880197	VS-150	1	-38,33914816	-12,21536951	VS-70	1
-38,43262701	-12,13138156	VS-250	1	-38,40331915	-12,12438891	VS-150	1
-38,43262701	-12,13138156	VS-250	1	-38,40331915	-12,12438891	MV-250	1
-38,42853311	-12,11875037	VS-250	1	-38,50598634	-12,22798676	VS-70	1
-38,42853311	-12,11875037	VS-250	1	-38,40722635	-12,13574856	MV-250	1
-38,40029148	-12,13333601	VS-250	1	-38,43409982	-12,1218438	MV-250	1
-38,40029148	-12,13333601	VS-150	1	-38,48899632	-12,22350502	VS-70	1
-38,45706429	-12,15512158	VS-70	1	-38,41262654	-12,24198203	FL-85	1
-38,45708298	-12,15481895	VS-70	1	-38,40777156	-12,13230977	VS-70	1
-38,41744973	-12,13054693	VS-70	1	-38,42448909	-12,14476328	MV-250	1
-38,48845305	-12,22250675	VS-70	2	-38,41474133	-12,15473344	VS-70	1
-38,43654314	-12,12918543	MV-250	1	-38,43639813	-12,12534708	VS-250	1
-38,36445513	-12,13553246	VS-70	1	-38,43639813	-12,12534708	VS-70	1
-38,41273126	-12,15442677	VS-70	1	-38,37999117	-12,13680676	VS-70	1
-38,43032312	-12,1174554	MV-250	1	-38,422828	-12,15300853	MV-250	1
-38,38774748	-12,15418574	VS-150	1	-38,44035306	-12,13739341	VS-250	1
-38,43346648	-12,11838544	MV-250	1	-38,44196518	-12,0094061	VS-70	1
-38,45015491	-12,15557412	VS-70	1	-38,44281688	-12,13412961	MV-250	1
-38,43657476	-12,12880877	MV-250	1	-38,36420988	-12,1350353	VS-70	1
-38,42691815	-12,10238046	VS-70	1	-38,43920483	-12,12231376	VS-70	1
-38,44923505	-12,12665548	VS-70	1	-38,42893476	-12,11857041	MV-250	1
-38,45015513	-12,12594338	VS-70	2	-38,42893476	-12,11857041	MV-400	1
-38,40054469	-12,13444827	VS-150	1	-38,42287264	-12,13619225	VS-400	1
-38,39924583	-12,13933811	VS-150	1	-38,48900984	-12,17346041	VS-70	1
-38,43946813	-12,12863875	VS-70	1	-38,41346977	-12,12184918	VS-70	1
-38,40579794	-12,13588354	MV-250	1	-38,43718472	-12,1343087	VS-250	2
-38,38121626	-12,10466694	VS-70	1	-38,422858	-12,13544696	MV-400	1
-38,43752965	-12,12294722	VS-70	1	-38,41970477	-12,11911868	VS-70	1
-38,40433294	-12,13732849	MV-250	1	-38,42951973	-12,12599206	VS-150	1
-38,41496966	-12,14499687	VS-70	1	-38,43413826	-12,11918064	VS-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,43072478	-12,13532699	VS-400	1	-38,43995834	-12,21072094	VS-70	1
-38,43072478	-12,13532699	VS-250	1	-38,4307997	-12,137512	MV-250	1
-38,41432172	-11,97238627	VS-70	1	-38,3997965	-12,15468793	VS-70	1
-38,43840141	-12,14147034	MV-250	1	-38,42334198	-12,14009397	MV-400	1
-38,42613496	-12,12631279	VS-70	1	-38,43140811	-12,13292366	VS-250	1
-38,42613496	-12,12631279	VS-250	1	-38,39273728	-12,13923637	MV-250	2
-38,41912634	-12,15467353	MV-250	1	-38,39273728	-12,13923637	VS-250	1
-38,40640158	-12,12236367	VS-70	1	-38,39273728	-12,13923637	MV-250	1
-38,43253392	-12,11786339	VS-250	1	-38,39273728	-12,13923637	VS-150	1
-38,41007446	-12,24321286	VS-70	1	-38,42222464	-12,15116524	VS-250	1
-38,45340819	-12,15834914	VS-70	1	-38,42134641	-12,12056375	VS-70	1
-38,42127681	-12,12517912	VS-70	1	-38,41304465	-12,1436952	MV-250	1
-38,42127681	-12,12517912	VS-70	1	-38,42178626	-12,13810295	MV-400	1
-38,44067381	-12,11402512	VS-150	1	-38,402683	-12,12673613	VS-70	1
-38,44225965	-12,11165561	VS-150	1	-38,42861646	-12,10144555	VS-70	1
-38,44209451	-12,11148414	MV-250	1	-38,43939331	-12,14292423	VS-150	1
-38,44237013	-12,1111766	MV-400	1	-38,43917725	-12,13486752	VS-250	1
-38,44222991	-12,11102115	VM-250	1	-38,41642132	-12,15580519	VS-250	1
-38,44325357	-12,11222842	VM-250	1	-38,41642132	-12,15580519	MV-250	1
-38,40717415	-12,13922127	VS-70	1	-38,41550874	-12,13322809	VS-250	1
-38,39914351	-12,14093526	VS-70	1	-38,43162138	-12,12972375	MV-250	1
-38,39956961	-12,13613687	MV-250	1	-38,40637572	-12,12113766	VS-70	1
-38,44676875	-12,14140832	VS-70	1	-38,37110773	-12,18640645	VS-70	1
-38,44023649	-12,12000377	VS-250	1	-38,31941091	-12,07547464	VS-70	1
-38,43997648	-12,12825207	VS-70	1	-38,44515823	-12,15680642	VS-70	1
-38,41852302	-12,12971697	VS-150	1	-38,45470972	-12,14999955	VS-70	1
-38,41339141	-12,11619201	MV-250	1	-38,44583425	-12,15811921	VS-70	1
-38,46355707	-12,13732285	VS-70	1	-38,43914209	-12,13574533	VS-250	1
-38,44711429	-12,15890716	VS-70	1	-38,43914209	-12,13574533	MV-250	1
-38,43821175	-12,14251921	VS-250	1	-38,36557999	-12,15761201	VS-70	1
-38,43133806	-12,13501363	VS-250	1	-38,41476795	-12,14455518	VS-250	1
-38,44272974	-12,14540204	MV-250	1	-38,41476795	-12,14455518	VS-70	1
-38,43081471	-12,14858863	VS-400	1	-38,41476795	-12,14455518	VS-250	1
-38,43510807	-12,14677696	VS-70	1	-38,42382548	-12,12218645	VS-70	1
-38,44203648	-12,13374377	VS-250	1	-38,42761011	-12,13515687	VS-250	1
-38,41723469	-12,12548366	MV-250	1	-38,43796845	-12,04793036	MV-250	1
-38,43985832	-12,13494002	VS-250	1	-38,43796845	-12,04793036	VS-70	1
-38,41827975	-12,12979697	MV-400	1	-38,41503978	-12,11453495	VS-70	1
-38,43024976	-12,14045028	MV-250	1	-38,46730654	-12,14071718	MV-250	1
-38,39356328	-11,95900118	VS-70	1	-38,42547801	-12,13470694	VS-250	1
-38,44265853	-12,13864591	VS-70	1	-38,42547801	-12,13470694	VS-250	1
-38,43130137	-12,13577704	VS-250	2	-38,42667584	-12,13244352	VS-70	1
-38,43439484	-12,12011375	VS-150	1	-38,40082783	-12,20636812	VS-70	1
-38,43439484	-12,12011375	VM-125	1	-38,43076607	-12,14932588	VS-70	1
-38,43797981	-12,12821545	VS-150	1	-38,48834506	-12,23288563	VS-70	1
-38,42668477	-12,12946369	VS-150	1	-38,37421545	-12,13539161	VS-70	1
-38,41979304	-12,12952868	VS-250	1	-38,41378632	-12,12959197	VS-250	1
-38,41979304	-12,12952868	MV-250	1	-38,43336999	-12,11644606	VS-250	1
-38,39282519	-12,11761309	VS-70	1	-38,4392648	-12,11229716	VS-250	1
-38,41324691	-12,12156961	VS-70	1	-38,41533298	-12,15516178	VS-70	1
-38,40687964	-12,1399535	MV-250	1	-38,44540077	-12,13892853	VS-70	1
-38,4715617	-12,13765116	VS-70	1	-38,50745983	-12,19103206	MV-250	1
-38,32626942	-12,181493	VS-70	1	-38,4442464	-12,14248534	VS-400	1
-38,40006961	-12,12159364	MV-250	1	-38,42939306	-12,13340363	VS-250	1
-38,3999252	-12,12454563	MV-250	1	-38,43547316	-12,12151376	MV-150	1
-38,40875965	-12,12744858	VS-70	1	-38,39963941	-12,15441029	VS-70	1
-38,40568469	-12,12980856	VS-70	1	-38,41602478	-12,13366726	VS-250	1
-38,42167805	-12,14755355	VS-400	1	-38,4170693	-12,11019094	VS-70	1
-38,40245259	-12,20627112	VS-70	1	-38,40436961	-12,12442621	VS-70	1
-38,4156464	-12,12350035	VS-250	1	-38,42997144	-12,13367035	VS-250	1
-38,41733141	-12,11694874	VS-70	1	-38,41676817	-12,14749758	VS-250	1
-38,4248822	-12,21639419	VS-70	1	-38,36670808	-12,18439988	VS-70	1
-38,43364624	-12,22720146	VS-70	1	-38,43701303	-12,12834563	VS-250	1
-38,31975223	-12,07278709	VS-250	1	-38,44548639	-12,15329695	VS-250	1
-38,48299417	-12,2309652	VS-70	1	-38,40479469	-12,12859361	VS-70	1
-38,44011643	-12,12684706	VS-150	1	-38,40440628	-12,12571357	FL-30	1
-38,40501136	-12,13086526	MV-250	1	-38,40440628	-12,12571357	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,40501136	-12,13086526	VS-70	1	-38,40282298	-12,14071182	VS-70	1
-38,4179697	-12,12943701	VS-70	1	-38,40481629	-12,12932191	MV-250	1
-38,4431765	-12,1327704	MV-250	1	-38,42357632	-12,16216178	MV-250	1
-38,44267149	-12,13282204	MV-250	1	-38,4598686	-12,26220956	VS-70	1
-38,38900129	-12,15585035	VS-150	1	-38,42802308	-12,12349876	VS-400	1
-38,43277141	-12,13636201	MV-250	1	-38,42802308	-12,12349876	VS-70	1
-38,41533149	-12,12360053	MV-400	1	-38,42144329	-12,12402689	VS-70	1
-38,42229136	-12,12878033	MV-250	1	-38,42144329	-12,12402689	VS-70	1
-38,41143129	-12,15264014	VS-70	1	-38,40289239	-12,12895397	VS-250	2
-38,43018228	-12,21795717	VS-70	1	-38,40289239	-12,12895397	VS-150	1
-38,3970543	-12,15287179	VS-70	1	-38,41903353	-12,1476546	MV-250	1
-38,43047141	-12,13406533	VS-250	1	-38,41903353	-12,1476546	VS-250	1
-38,40373632	-12,1336752	MV-250	1	-38,41323113	-12,11966326	VS-250	1
-38,43940477	-12,14557866	VS-250	1	-38,41323113	-12,11966326	VS-70	1
-38,41759884	-12,1333431	MV-250	1	-38,50248957	-12,25336823	VS-70	1
-38,43476647	-12,12533545	MV-250	1	-38,41255838	-12,11293113	VS-70	1
-38,43476647	-12,12533545	VS-250	2	-38,40600043	-12,14221678	VS-70	1
-38,40693963	-12,12827529	MV-250	1	-38,46004043	-12,2609865	VS-250	1
-38,40693963	-12,12827529	VS-70	1	-38,38792991	-11,94173133	VS-70	1
-38,501111805	-12,20331905	VS-70	1	-38,41900351	-11,94279492	VS-70	1
-38,41344447	-12,15157818	VS-70	1	-38,37285809	-11,99347084	VS-100	1
-38,42458104	-12,14691031	VS-250	1	-38,44462868	-11,93326855	VS-70	1
-38,46166646	-12,25006395	VS-70	2	-38,42987859	-11,93367344	VS-70	1
-38,41669115	-12,22969804	VS-70	1	-38,40293319	-11,9391744	VS-70	1
-38,41025297	-12,13948352	VS-250	1	-38,35521501	-12,03593221	MV-250	1
-38,44155678	-12,15036322	VS-70	1	-38,39119986	-11,94817796	VS-70	1
-38,47032872	-12,16242347	VS-250	1	-38,37637927	-11,96032845	VS-70	1
-38,47646597	-12,1651923	VS-400	4	-38,44656038	-11,93388357	VS-70	1
-38,43075141	-12,1395303	MV-250	1	-38,33721444	-11,96952236	VS-70	1
-38,41598589	-12,14996482	VS-250	1	-38,38273481	-11,94993785	VS-70	1
-38,39949297	-12,14838014	VS-70	1	-38,39893616	-11,94805667	VS-70	1
-38,39949297	-12,14838014	VS-150	1	-38,40702861	-11,93663926	VS-70	1
-38,3564294	-12,20321295	VS-70	1	-38,41796516	-11,93891996	VS-70	1
-38,41806639	-12,12429031	MV-250	1	-38,37409302	-11,98716753	VS-70	1
-38,35646603	-12,20005291	VS-70	1	-38,37837274	-11,95395696	VS-250	1
-38,41295652	-12,11928915	VS-70	1	-38,34079161	-12,04715598	VS-70	1
-38,41017357	-12,13026836	VS-250	1	-38,39995667	-11,94444969	VS-70	1
-38,40354965	-12,12111693	VS-70	1	-38,35577786	-12,03590049	MV-400	6
-38,41411466	-12,15304519	VS-250	1	-38,35577786	-12,03590049	MV-250	1
-38,41411466	-12,15304519	VS-70	1	-38,39426822	-11,95010133	VS-70	1
-38,43924815	-12,12341708	VS-70	1	-38,40091503	-11,94075642	VS-70	1
-38,43655811	-12,1230304	MV-400	1	-38,36985967	-11,9901658	VS-70	1
-38,43655811	-12,1230304	VS-70	1	-38,38533819	-11,94659628	VS-70	1
-38,40266279	-12,23289623	VS-70	1	-38,37715813	-11,98100092	VS-70	1
-38,41142977	-12,11203205	VS-70	1	-38,4361968	-12,00705108	VS-250	1
-38,40227462	-12,13783854	VS-150	1	-38,40169164	-11,94396643	VS-70	1
-38,42155955	-12,13688145	VS-400	1	-38,3848215	-11,94694122	VS-70	1
-38,41754298	-12,13780707	MV-400	1	-38,39855973	-11,94828537	VS-70	1
-38,27948959	-12,08966674	VS-150	1	-38,41405343	-11,94394314	VS-70	1
-38,3974429	-12,1450001	VS-70	1	-38,46635388	-11,94282033	VS-70	1
-38,45458999	-12,1504836	VS-70	1	-38,40073165	-11,94810129	VS-70	1
-38,44144314	-12,13939867	VS-70	1	-38,37615644	-11,97445593	VS-70	1
-38,41752051	-12,14827789	VS-250	1	-38,37615644	-11,97445593	VS-70	1
-38,44758061	-12,12678907	VS-70	1	-38,39231491	-11,94392629	VS-70	1
-38,42259778	-12,1256054	VS-70	1	-38,41386512	-11,94330984	VS-70	1
-38,43324141	-12,13696865	MV-250	1	-38,35524455	-12,03491883	MV-250	1
-38,41967259	-12,15157233	MV-250	1	-38,37665481	-11,95623216	VS-400	1
-38,42103634	-12,15213515	MV-400	1	-38,37665481	-11,95623216	MV-400	12
-38,41653587	-12,14133172	VS-250	1	-38,43595194	-11,93399342	VS-70	1
-38,41737512	-12,13362861	MV-250	1	-38,37201472	-11,99068915	VS-70	1
-38,41737512	-12,13362861	MV-400	1	-38,37637292	-11,95551441	MV-250	1
-38,4061357	-12,14693431	MV-250	1	-38,37637292	-11,95551441	VS-150	3
-38,41216307	-12,10111451	VS-70	1	-38,37637292	-11,95551441	LD-15	7
-38,42067873	-12,13694867	MV-400	1	-38,40210057	-11,93878027	VS-70	1
-38,42000155	-12,14064724	MV-250	1	-38,38703152	-11,94250962	VS-70	1
-38,40138246	-12,12318644	MV-250	2	-38,30180938	-12,05315067	VS-70	1
-38,37170504	-11,96758674	VS-70	1	-38,44595036	-12,11145527	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,50177336	-12,20163919	VS-70	1	-38,44595036	-12,11145527	MV-250	1
-38,42033299	-12,14674021	MV-250	1	-38,4479025	-12,11238801	VS-70	1
-38,41000795	-12,13734021	MV-250	1	-38,4479025	-12,11238801	MV-250	1
-38,42024475	-12,11647874	VS-70	1	-38,4480885	-12,11255054	MV-250	1
-38,4476607	-12,11321768	MV-250	1	-38,4480885	-12,11255054	VS-70	1
-38,39715762	-12,12971208	MV-250	1	-38,38427043	-12,1057688	VS-70	1
-38,39623556	-12,12922679	MV-250	1	-38,40565455	-12,1990298	VS-70	1
-38,43952148	-12,1226271	VS-70	2	-38,4166614	-12,12466028	VS-250	1
-38,44966637	-12,15601198	VS-70	1	-38,41957882	-11,93673341	VS-70	1
-38,44306236	-12,13776463	VS-70	1	-38,44501145	-12,13261543	MV-250	1
-38,41514079	-12,22492157	VS-70	1	-38,4320641	-12,14020614	MV-250	1
-38,41013965	-12,15511345	MV-250	1	-38,45008477	-12,15474035	VS-70	1
-38,39735125	-12,1344752	VS-70	1	-38,45430976	-12,15540363	VS-70	1
-38,43128808	-12,13975361	VS-250	1	-38,43447473	-12,13379371	VS-70	1
-38,43128808	-12,13975361	VS-250	3	-38,40232775	-12,23336792	MV-250	1
-38,42326442	-12,13434206	MV-250	1	-38,40232775	-12,23336792	VS-70	1
-38,40410116	-12,20097313	VS-70	1	-38,411081	-12,13929621	VS-250	1
-38,42759195	-12,15300277	MV-250	1	-38,41090296	-12,13932107	VS-250	1
-38,42551766	-12,13723523	VS-70	1	-38,41090296	-12,13932107	LD-100	1
-38,35412604	-12,20984955	VS-70	1	-38,40065297	-12,15238505	VS-70	1
-38,41434416	-12,13311749	VS-70	1	-38,40065297	-12,15238505	MV-400	1
-38,43537282	-12,22878314	VS-70	1	-38,43488787	-12,22748975	VS-70	1
-38,43533114	-12,20075591	VS-70	1	-38,41555956	-12,11659416	VS-150	1
-38,42401113	-12,14333198	VS-250	1	-38,39823791	-12,12944216	MV-250	1
-38,42485538	-12,14522064	MV-250	1	-38,39823791	-12,12944216	MV-250	1
-38,49287818	-12,17158539	VS-70	1	-38,40104821	-12,13049905	MV-250	1
-38,43466312	-12,11830381	MV-250	1	-38,40054232	-12,1307398	MV-250	1
-38,4188647	-12,13208198	MV-250	1	-38,44368374	-12,15280631	VS-70	1
-38,41979804	-12,12923699	MV-250	1	-38,44408476	-12,15271262	VS-70	1
-38,42797546	-12,12259778	VS-70	1	-38,43090145	-12,11859874	MV-250	1
-38,43133735	-12,14012545	VS-150	1	-38,41642975	-12,12370033	VS-70	1
-38,38029116	-12,14735498	VS-70	1	-38,42138141	-12,13551361	MV-400	2
-38,43129803	-12,13985367	MV-250	1	-38,41712964	-12,1382202	MV-250	1
-38,41933637	-12,1206487	VS-70	1	-38,44750029	-12,13299143	VS-150	1
-38,42846488	-12,13790964	VS-250	1	-38,39480799	-12,1155436	VS-70	2
-38,45381946	-12,15192179	VS-70	1	-38,44414644	-12,13147039	VS-70	1
-38,41715477	-12,15680506	MV-250	1	-38,48169642	-12,23123745	VS-70	1
-38,44191919	-12,21228159	VS-70	1	-38,40238664	-12,12811909	VS-70	1
-38,41603799	-12,13044532	MV-250	1	-38,40176032	-12,12786776	VS-250	1
-38,42973982	-12,1181121	VS-70	1	-38,40158519	-12,12651433	VS-70	1
-38,42973982	-12,1181121	MV-250	1	-38,36281927	-12,18380914	VS-70	1
-38,42973982	-12,1181121	VS-400	1	-38,36281927	-12,18380914	MV-250	1
-38,38895203	-12,15667881	VS-150	1	-38,35335103	-12,20121288	VS-70	1
-38,45562817	-12,15599289	VS-70	1	-38,27953981	-12,1075351	MV-250	1
-38,41542794	-12,14716687	VS-70	1	-38,35631603	-12,20149958	VS-70	1
-38,41542794	-12,14716687	VS-70	1	-38,35959605	-12,18910132	VS-70	1
-38,4283648	-12,14122944	MV-250	1	-38,2975763	-12,11559838	VS-250	1
-38,44000649	-12,12968039	VS-70	1	-38,28845809	-12,11748004	VS-250	1
-38,38874497	-12,1555974	VS-150	1	-38,36203271	-12,19015966	VS-70	1
-38,44981836	-12,12563719	VS-70	1	-38,35607934	-12,20103294	VS-70	1
-38,44843465	-12,12602738	VS-70	1	-38,39126287	-12,15212675	VS-70	1
-38,40622802	-12,11846195	VS-70	1	-38,28549806	-12,10931177	VS-70	2
-38,40850674	-12,12592082	MV-250	1	-38,35250608	-12,19101463	VS-70	1
-38,41310447	-12,22743968	VS-70	1	-38,36239942	-12,18386136	VS-250	1
-38,40278966	-12,1334002	MV-250	1	-38,35693767	-12,20328621	VS-70	1
-38,45727686	-12,14052058	VS-70	1	-38,29336643	-12,08510688	VS-70	1
-38,44355104	-12,11025833	VM-250	1	-38,35571433	-12,19457328	VS-70	1
-38,39755132	-12,14502914	VS-70	1	-38,29396809	-12,08422685	VS-70	1
-38,42610762	-12,13858592	MV-400	1	-38,29196303	-12,08688187	VS-70	2
-38,40627965	-12,12388358	VS-70	1	-38,28115645	-12,09334183	VS-70	1
-38,45581443	-12,16139574	VS-70	1	-38,3677361	-12,18636074	VS-70	1
-38,29214472	-12,11846007	VS-70	1	-38,37178113	-12,18650829	VS-70	1
-38,43553642	-12,1367287	MV-250	1	-38,36453109	-12,18962804	MV-400	1
-38,42168809	-12,11776913	MV-250	1	-38,35721277	-12,196048	VS-70	1
-38,42168809	-12,11776913	VS-250	1	-38,28601311	-12,10965344	VS-70	1
-38,42168809	-12,11776913	VS-70	1	-38,34433606	-12,21333263	VS-70	1
-38,46912288	-12,26057635	VS-70	1	-38,35233606	-12,18599133	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,40559461	-12,13935023	MV-400	1	-38,35886945	-12,19024133	VS-70	1
-38,44225144	-12,13624375	MV-250	1	-38,28010311	-12,10749843	VS-250	1
-38,44207165	-12,11185893	VM-250	1	-38,39878129	-12,15370837	VS-70	1
-38,44237547	-12,11179792	VM-250	1	-38,39878129	-12,15370837	VS-250	1
-38,43740363	-11,93397347	MV-400	3	-38,35495775	-12,18814797	VS-70	1
-38,43740363	-11,93397347	VS-70	1	-38,35898609	-12,18759973	VS-70	1
-38,41117135	-12,13491694	VS-400	2	-38,36519273	-12,18945471	VS-250	1
-38,41117135	-12,13491694	VS-70	1	-38,36223613	-12,18049475	VS-150	1
-38,41117135	-12,13491694	MV-400	1	-38,35369109	-12,18437467	VS-70	1
-38,32949604	-12,17764964	VS-70	1	-38,2790048	-12,10757512	VS-250	1
-38,40335296	-12,13669189	MV-250	1	-38,28997143	-12,11816507	VS-250	1
-38,43922976	-12,13377535	VS-250	2	-38,36564947	-12,18250307	MV-250	1
-38,43922976	-12,13377535	VS-70	1	-38,36563442	-12,18318311	VS-70	1
-38,43922976	-12,13377535	MV-250	1	-38,35914443	-12,188113	VS-70	1
-38,43395898	-12,13161322	MV-250	1	-38,35930104	-12,18859798	VS-70	1
-38,44722346	-12,16107566	VS-70	1	-38,28286484	-12,09888348	MV-250	1
-38,42711969	-12,1381786	MV-250	1	-38,28286484	-12,09888348	VS-70	1
-38,42711969	-12,1381786	VS-70	1	-38,36866608	-12,18530805	FL-30	1
-38,42803644	-12,12729368	VS-70	1	-38,35328601	-12,2023962	VS-70	1
-38,40456909	-12,11843771	VS-70	1	-38,35327938	-12,18526139	VS-70	1
-38,43489974	-12,13481701	VS-250	1	-38,36118112	-12,18369805	VS-70	1
-38,41358716	-12,14788274	VS-70	1	-38,28687978	-12,09717846	MV-250	1
-38,50030843	-12,20137681	VS-70	1	-38,40158519	-12,12651433	VS-250	1
-38,48864483	-12,17345206	VS-70	1	-38,39933687	-12,12835618	VS-70	1
-38,44698817	-12,13875043	MV-250	1	-38,44137432	-12,12592106	VS-150	1
-38,44698817	-12,13875043	MV-250	1	-38,4540398	-12,15315703	VS-70	1
-38,41907177	-12,14471552	MV-250	1	-38,41792302	-12,13252357	VS-250	1
-38,39928527	-12,02372738	MV-250	2	-38,42879971	-12,13153538	VS-250	1
-38,42933427	-12,13740632	VS-250	1	-38,4325314	-12,12939868	VS-70	1
-38,38815966	-12,1153019	VS-70	1	-38,46890785	-12,25821804	VS-250	1
-38,4201314	-12,12211036	MV-250	1	-38,40649965	-12,12809689	VS-150	1
-38,41153635	-12,12232368	VS-70	2	-38,4153162	-12,19914653	VS-250	1
-38,43205978	-12,13777037	MV-250	1	-38,44634977	-12,13853035	MV-250	1
-38,44717487	-12,1433954	VS-70	1	-38,43117975	-12,12552041	VS-250	1
-38,41163637	-12,13307696	MV-250	1	-38,43955665	-11,93523815	VS-70	1
-38,43083646	-12,11658214	MV-250	1	-38,4011896	-12,14669182	VS-250	1
-38,48481339	-12,1389337	VS-70	1	-38,41575837	-12,11762266	VS-70	1
-38,40968486	-12,1364001	MV-250	1	-38,41375605	-12,12986555	VS-250	1
-38,42886805	-12,13635866	MV-250	1	-38,43373471	-12,14495028	VS-250	1
-38,43023972	-12,1459969	VS-250	1	-38,41652478	-12,10819704	VS-70	1
-38,43786855	-12,1417036	VS-250	1	-38,41851632	-12,13465027	MV-250	1
-38,43786855	-12,1417036	VS-70	1	-38,42161815	-12,13030569	VS-250	1
-38,48419132	-12,13809524	VS-70	1	-38,38721797	-12,11692518	VS-70	1
-38,38676458	-12,11600855	VS-70	1	-38,43663307	-12,12852877	MV-250	1
-38,4761913	-12,21843999	VS-250	1	-38,43663307	-12,12852877	VS-150	1
-38,4761913	-12,21843999	VS-70	1	-38,41291134	-12,14479684	MV-250	1
-38,41406117	-12,20383821	VS-70	1	-38,40323996	-12,12774022	MV-250	1
-38,42945953	-12,22237477	VS-70	1	-38,44201082	-12,13110341	VS-70	1
-38,39799249	-12,14528412	VS-70	1	-38,36498789	-12,09212019	VS-70	1
-38,41372482	-12,12090826	VS-70	1	-38,43036633	-12,15328355	VS-250	1
-38,42915809	-12,11808546	MV-250	1	-38,43384145	-12,12727206	VS-70	1
-38,49634868	-12,20240072	VS-70	1	-38,432189	-12,13528857	VS-250	1
-38,42652133	-12,15399688	VS-70	1	-38,43274788	-12,14992281	VS-70	1
-38,43023635	-12,1457403	VS-250	1	-38,41930975	-12,12855364	VS-70	1
-38,39981906	-12,1334075	VS-70	1	-38,41296307	-12,10419044	VS-70	1
-38,42617638	-12,14039693	MV-250	1	-38,4218245	-12,12379784	VS-70	1
-38,39632657	-12,15122329	VS-70	1	-38,41786157	-12,14399988	MV-250	1
-38,40482716	-12,20507451	VS-70	1	-38,40342217	-12,13006233	MV-250	1
-38,41285376	-12,15602597	VS-70	1	-38,43572142	-12,12827375	VS-250	1
-38,4163783	-12,1322184	VS-70	1	-38,40686149	-12,12670719	VS-250	1
-38,38808799	-12,11475186	VS-70	1	-38,40913126	-12,15542513	MV-250	1
-38,44221936	-12,11048109	VS-150	1	-38,41284229	-12,20929474	VS-70	2
-38,44378556	-12,11114828	VM-250	1	-38,40519461	-12,13416356	MV-250	1
-38,44385186	-12,11022284	VS-70	1	-38,44404487	-12,15658726	VS-70	1
-38,41956313	-12,10998378	VS-70	1	-38,40541967	-12,13104523	MV-250	1
-38,41956313	-12,10998378	VS-70	1	-38,41475464	-12,15047015	VS-70	1
-38,41277233	-12,11626334	VS-70	1	-38,41355971	-12,11640705	MV-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,41848624	-12,17673674	MV-400	1	-38,35173447	-12,08393523	VS-70	1
-38,41848624	-12,17673674	VS-400	4	-38,43885274	-12,13862689	VS-70	1
-38,44189781	-12,26129458	VS-70	1	-38,41356296	-12,14514354	VS-70	1
-38,39857578	-11,95153346	VS-70	1	-38,41856261	-12,12778434	VS-250	1
-38,43344477	-12,12776037	VS-70	1	-38,44063708	-12,15416674	VS-70	1
-38,41449967	-12,14161187	VS-250	1	-38,50743941	-12,19194569	VS-150	1
-38,40256633	-12,13304019	MV-250	1	-38,41688335	-12,10985408	VS-70	1
-38,42949781	-12,22643811	VS-70	1	-38,39994953	-12,19863152	VS-250	1
-38,42949781	-12,22643811	MV-400	6	-38,35638939	-12,1694998	VS-150	1
-38,44203059	-12,14411269	VS-70	1	-38,42659995	-12,13344934	MV-250	1
-38,43292878	-12,13898292	MV-250	1	-38,49217956	-12,27705479	VS-70	1
-38,47892347	-12,14166525	VS-70	1	-38,42591975	-12,26244619	VS-70	1
-38,47892347	-12,14166525	VS-250	1	-38,49364028	-12,27707469	VS-70	1
-38,44606308	-12,14344872	VS-70	1	-38,50732059	-12,18981497	VS-70	1
-38,44925018	-12,00569451	VS-70	1	-38,42646945	-12,26318285	VS-70	1
-38,43194309	-12,13332866	VS-250	1	-38,41392968	-12,15058347	VS-250	1
-38,40091332	-12,15508659	VS-70	1	-38,40575149	-12,14510189	MV-250	1
-38,40037576	-12,13243	VS-70	1	-38,39900167	-12,21045838	VS-70	1
-38,39706075	-12,14843617	MV-400	1	-38,42365467	-12,14352525	VS-250	1
-38,39706075	-12,14843617	VS-70	1	-38,43077468	-12,14512528	VS-250	1
-38,39706075	-12,14843617	VS-250	1	-38,41650301	-12,12962366	VS-70	1
-38,40211759	-12,14877441	VS-70	1	-38,37636806	-11,98286093	VS-70	1
-38,40211759	-12,14877441	LD-50	1	-38,44942679	-12,13968648	MV-250	1
-38,4484213	-12,12549171	VS-70	1	-38,42952967	-12,14559856	VS-70	1
-38,40887249	-12,1183957	VS-70	1	-38,43008802	-12,1387853	MV-250	1
-38,40454115	-12,23186127	VS-70	1	-38,43022642	-12,13446704	VS-250	1
-38,41814438	-12,11860426	VS-70	1	-38,42511306	-12,13852025	MV-250	1
-38,37308707	-11,99307844	VS-70	1	-38,40092811	-12,13590659	VS-70	1
-38,40643841	-12,14154843	MV-250	1	-38,41662949	-12,23134304	VS-70	1
-38,42026372	-12,1402315	MV-400	1	-38,40842964	-12,12325361	VS-70	1
-38,44709711	-12,13311246	VS-150	1	-38,41511974	-12,14831878	MV-250	1
-38,41857971	-12,13958854	VS-250	1	-38,41515128	-12,14775184	VS-70	1
-38,40817797	-12,13891684	VS-150	1	-38,44537646	-12,12874045	VS-150	1
-38,41574051	-12,14336702	MV-250	1	-38,41858796	-12,15073355	MV-250	1
-38,43133638	-12,15358189	VS-250	1	-38,43720642	-12,12867707	VS-150	1
-38,38950248	-12,15528921	VS-150	1	-38,42316998	-12,13536136	MV-250	1
-38,39842888	-12,14407407	VS-70	1	-38,41110967	-12,14322017	VS-250	1
-38,34394441	-12,16512475	VS-70	1	-38,41682134	-12,14326025	MV-250	2
-38,43571973	-12,14507862	VS-400	1	-38,37923383	-11,98141449	VS-70	1
-38,44370151	-12,12537883	MV-150	1	-38,40162801	-12,13286857	MV-250	1
-38,41420469	-12,14643353	MV-250	1	-38,42532591	-12,13735209	MV-400	1
-38,41244797	-12,14562853	VS-250	1	-38,44417367	-12,15816833	VS-70	1
-38,44396646	-12,12761206	MV-250	1	-38,44307477	-12,143307	VS-70	1
-38,41463803	-12,1462402	VS-70	1	-38,44412048	-12,13719165	VS-70	1
-38,41152054	-12,12175089	VS-70	1	-38,44408149	-12,13815869	MV-250	1
-38,41152054	-12,12175089	MV-250	1	-38,44408149	-12,13815869	VS-250	1
-38,38940466	-12,11456024	VS-70	1	-38,44239228	-12,11075133	VM-250	1
-38,44180624	-12,13811813	MV-250	2	-38,4688245	-12,25936138	VS-70	1
-38,49353972	-12,21860839	VS-70	1	-38,44331517	-12,11115199	VS-150	1
-38,41587496	-12,13817117	MV-400	1	-38,40185613	-12,22966794	VS-70	2
-38,39813063	-12,12665371	MV-250	1	-38,43860979	-12,13766868	MV-250	1
-38,42904019	-12,1301093	VS-250	1	-38,43860979	-12,13766868	VS-70	1
-38,4857811	-12,21251646	VS-70	1	-38,39153478	-12,12016757	VS-70	2
-38,33368171	-12,21698545	VS-70	1	-38,46563989	-12,13728547	VS-70	1
-38,4337864	-12,13216536	VS-250	1	-38,4185447	-12,13143032	VS-250	1
-38,40529134	-12,13031193	MV-250	1	-38,43574876	-12,12056728	VS-150	1
-38,40735297	-12,12771024	VS-70	1	-38,41162208	-12,1311996	VS-150	2
-38,43917001	-12,13276209	VS-70	1	-38,42635336	-12,00422608	VS-70	1
-38,43123815	-12,1174671	MV-250	1	-38,4536531	-12,15364533	MV-70	1
-38,43747085	-12,04807962	VS-70	1	-38,3975017	-12,14461949	VS-150	1
-38,43747085	-12,04807962	VS-400	1	-38,41220798	-12,14601683	VS-250	1
-38,42333441	-12,12846785	VS-250	1	-38,48103946	-12,20604946	VS-70	1
-38,44197481	-12,13462205	VS-250	1	-38,40087118	-12,20591806	VS-70	1
-38,39601941	-12,22960293	VS-70	1	-38,4560064	-12,15248175	VS-70	1
-38,33146441	-12,1737263	VS-250	1	-38,41723933	-12,14382968	MV-250	1
-38,33641273	-12,18214403	VS-70	1	-38,41550472	-12,12727534	VS-250	1
-38,4164478	-12,23008302	VS-70	1	-38,41550472	-12,12727534	MV-250	2

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,4082983	-12,21917481	VS-70	1	-38,50620977	-12,1876537	MV-400	1
-38,36158125	-12,05200376	VS-70	1	-38,40302321	-12,15037811	MV-250	1
-38,41884238	-12,15367236	MV-250	1	-38,47830953	-12,27205633	VS-70	1
-38,4192336	-12,15284387	MV-250	1	-38,4197978	-12,13952822	MV-250	2
-38,41868233	-12,1540181	VS-150	1	-38,41088468	-12,12827359	VS-150	1
-38,41868233	-12,1540181	MV-250	1	-38,43311051	-12,03982174	VS-70	1
-38,44341498	-12,15522198	VS-70	1	-38,41733964	-12,14056527	VS-250	1
-38,44232465	-12,15279052	MV-150	1	-38,41554467	-12,14491189	VS-70	1
-38,42586754	-12,13386957	MV-250	1	-38,44709389	-12,1141701	VS-250	1
-38,41645246	-12,15638413	MV-250	1	-38,42492133	-12,14060692	VS-250	1
-38,50263962	-12,24633327	VS-70	1	-38,43233136	-12,13976527	VS-70	1
-38,41755669	-12,13766669	MV-400	1	-38,47314421	-12,21546985	VS-70	1
-38,42187619	-12,13666628	VS-400	1	-38,47314421	-12,21546985	VS-70	1
-38,42120455	-12,12602836	VS-70	1	-38,40126257	-12,12703153	VS-150	1
-38,43281647	-12,11895373	MV-250	1	-38,40126257	-12,12703153	VS-250	1
-38,40039126	-12,13370688	VS-70	1	-38,4015229	-12,12812013	VS-70	1
-38,47679926	-12,27689243	VS-70	1	-38,40048339	-12,12629057	VS-70	1
-38,42736973	-12,13726865	VS-250	1	-38,40122625	-12,12819246	VS-150	1
-38,41579972	-12,11472036	VS-70	1	-38,41803306	-12,12265869	MV-250	1
-38,41579972	-12,11472036	VS-250	1	-38,41803306	-12,12265869	VS-250	1
-38,44166816	-12,11573385	VS-70	1	-38,41516204	-12,14251152	MV-250	1
-38,41650966	-12,14695351	VS-70	1	-38,37641376	-12,13467708	MV-400	1
-38,30170304	-12,0527401	VS-70	1	-38,37641376	-12,13467708	VS-1000	1
-38,41373295	-12,14465856	VS-70	1	-38,37641376	-12,13467708	FL-45	1
-38,44261978	-12,14921365	MV-250	1	-38,43132305	-12,12980538	MV-250	1
-38,43411808	-12,13396866	VS-250	1	-38,41876803	-12,13527694	VS-400	1
-38,42803812	-12,13146867	VS-250	1	-38,43184305	-12,14904189	MV-250	1
-38,39786077	-12,12734003	MV-250	1	-38,36624459	-12,09206688	VS-70	2
-38,39870392	-12,12517788	MV-250	1	-38,41659807	-12,1219453	MV-250	1
-38,45522033	-12,21887801	VS-70	1	-38,41541344	-12,1231868	VS-250	1
-38,45044638	-12,15822197	VS-70	1	-38,41479258	-12,12497451	MV-250	1
-38,42225202	-12,12574184	MV-250	1	-38,43374808	-12,14245362	VS-250	1
-38,44889528	-12,12557217	VS-70	1	-38,42735167	-12,13956375	VS-250	1
-38,41324795	-12,15469681	VS-70	1	-38,39035623	-12,13939675	VS-250	1
-38,42361913	-12,08601326	VS-70	1	-38,42685325	-12,15220099	VS-70	1
-38,42361913	-12,08601326	VS-250	1	-38,45144428	-12,15219036	VS-70	1
-38,43635647	-12,12024877	VS-150	1	-38,39257881	-12,12366599	MV-250	1
-38,41737134	-12,12702364	MV-250	1	-38,43873144	-12,12278376	VS-70	1
-38,41737134	-12,12702364	VS-70	1	-38,44613544	-12,12343573	VS-70	1
-38,42952976	-12,12888206	VS-70	1	-38,4260216	-12,12791347	VS-150	1
-38,41856796	-12,14854125	MV-250	1	-38,42433337	-12,13789786	MV-400	1
-38,42201974	-12,13598198	VS-400	2	-38,42433337	-12,13789786	VS-250	1
-38,42826643	-12,12908367	VS-70	1	-38,38818689	-12,15426443	VS-150	1
-38,43387312	-12,136897	MV-250	1	-38,38822927	-12,154557	VS-150	1
-38,43928644	-12,13955705	MV-250	1	-38,38915561	-12,15470307	VS-150	1
-38,4194231	-12,12035707	VS-70	1	-38,40049622	-12,13869543	VS-150	1
-38,41203805	-12,13046524	MV-250	1	-38,41589807	-12,10082214	VS-70	1
-38,48015121	-12,26108472	VS-70	1	-38,41589807	-12,10082214	VS-250	1
-38,4440211	-12,11478479	MV-250	1	-38,43741421	-12,21194349	VS-70	1
-38,44683831	-12,11385773	VS-250	1	-38,41081463	-12,12387338	MV-250	1
-38,39194316	-12,14414924	VS-70	1	-38,41081463	-12,12387338	MV-250	1
-38,38734393	-12,15502366	VS-150	1	-38,40094633	-12,20642708	VS-70	2
-38,39757177	-12,14036197	VS-70	1	-38,39856326	-12,13155463	VS-70	1
-38,41504531	-12,1480053	VS-400	1	-38,41855733	-12,1395061	VS-250	1
-38,41504531	-12,1480053	VS-70	1	-38,43719643	-12,13558034	MV-250	1
-38,41204135	-12,14401356	MV-250	1	-38,41433465	-12,13513716	VS-250	1
-38,36497773	-12,18235474	VS-70	1	-38,44142652	-12,11554713	VS-70	1
-38,44396808	-12,12339742	MV-250	1	-38,4545181	-12,1550053	VS-250	1
-38,27901649	-12,10652675	VS-70	1	-38,34065101	-12,16153806	VS-70	1
-38,44297151	-12,1310254	VS-70	1	-38,31564124	-12,07139352	VS-70	1
-38,4333414	-12,13761701	VS-250	1	-38,36732811	-12,16536097	VS-70	1
-38,37749121	-12,13255674	VS-70	1	-38,36442614	-12,1551127	VS-70	1
-38,42549679	-12,15483109	VS-150	1	-38,31838783	-12,07309514	VS-70	1
-38,44085803	-12,11333329	VM-250	1	-38,31838783	-12,07309514	LD-50	1
-38,41272136	-12,14571188	VS-250	1	-38,31109548	-12,06886396	VS-70	1
-38,41662195	-12,13927376	MV-250	1	-38,4350795	-12,22324811	VS-70	1
-38,40988302	-12,12892697	VS-70	1	-38,36747388	-12,16615868	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,36562572	-12,15663079	VS-70	1	-38,33817935	-12,16285977	VS-70	1
-38,41262727	-12,15017569	VS-250	1	-38,36570164	-12,15555429	VS-70	2
-38,407213	-12,12120034	VS-70	1	-38,39332454	-12,14950674	MV-250	1
-38,44349814	-12,13789039	MV-400	1	-38,31159324	-12,06583318	VS-70	1
-38,44349814	-12,13789039	MV-250	1	-38,36405698	-12,15539399	VS-70	1
-38,41806539	-12,16071458	VS-250	1	-38,36347883	-12,16551805	VS-70	1
-38,45470978	-12,1527353	VS-70	1	-38,39049094	-12,14819541	MV-250	2
-38,43428616	-12,22801806	VS-70	1	-38,36504269	-12,16452742	VS-70	1
-38,42723807	-12,12878269	VS-400	1	-38,36592684	-12,1586346	VS-70	1
-38,42790079	-12,21885939	VS-70	1	-38,36876085	-12,16298652	VS-70	1
-38,49045481	-12,17363038	VS-70	1	-38,36806571	-12,15767063	VS-70	1
-38,52777988	-12,18481717	VS-70	1	-38,36806571	-12,15767063	MV-250	1
-38,40770634	-12,1383069	VS-70	1	-38,366173	-12,16402409	VS-70	1
-38,40770634	-12,1383069	VS-250	1	-38,31212493	-12,07016213	VS-70	1
-38,39842148	-12,138161	VS-70	1	-38,31269247	-12,07360834	VS-70	1
-38,41160965	-12,14803851	VS-250	1	-38,43578287	-12,23078808	VS-70	1
-38,4145128	-12,10134666	VS-70	1	-38,43512622	-12,22966479	VS-70	1
-38,39682117	-12,14272309	MV-400	1	-38,38915351	-12,15135239	MV-250	1
-38,42616304	-12,13325864	VS-250	1	-38,35066111	-12,16540982	VS-70	1
-38,43816148	-12,1231888	VS-250	1	-38,36868736	-12,169674	VS-70	1
-38,41910642	-12,12969528	VS-70	1	-38,36567197	-12,16133885	VS-70	1
-38,3982992	-12,13981639	VS-150	1	-38,36283644	-12,16543494	VS-250	1
-38,3982992	-12,13981639	VS-70	1	-38,31604992	-12,07125153	VS-70	1
-38,423598	-12,14191697	VS-250	1	-38,29300641	-12,08045136	VS-70	2
-38,4201513	-12,14825025	MV-250	1	-38,36173477	-12,16128075	VS-70	1
-38,44033589	-12,14379622	MV-250	1	-38,36661097	-12,1624623	VS-250	1
-38,430243	-12,14654859	VS-250	1	-38,31175727	-12,0706035	VS-70	1
-38,40758458	-12,15619342	VS-150	1	-38,31648291	-12,07187349	VS-70	1
-38,41350717	-12,14382262	MV-250	1	-38,31157739	-12,07089464	VS-70	1
-38,38847794	-12,11612189	VS-70	1	-38,30155893	-12,05221513	VS-70	1
-38,41938533	-12,13427174	VS-250	1	-38,31696124	-12,07235848	VS-70	4
-38,41096802	-12,13286527	MV-250	1	-38,31696124	-12,07235848	VS-250	2
-38,40473627	-12,15073016	VS-250	1	-38,31696124	-12,07235848	MV-400	8
-38,43013804	-12,13179205	VS-250	1	-38,36344589	-12,16521478	VS-70	1
-38,42121071	-12,12277733	MV-250	1	-38,3683091	-12,16316029	VS-70	1
-38,35691768	-12,21024455	VS-70	1	-38,43587455	-12,23130147	MV-250	1
-38,330141	-12,17826632	VS-70	1	-38,43587455	-12,23130147	VS-70	1
-38,40916135	-12,11132536	VS-70	1	-38,36924779	-12,1627818	VS-70	1
-38,49035293	-12,23417663	VS-70	1	-38,33774438	-12,16166144	MV-250	1
-38,4933496	-12,20653213	VS-70	1	-38,36470227	-12,1646846	VS-70	1
-38,43632475	-12,14087369	MV-250	1	-38,41385643	-12,20734018	VS-70	1
-38,43541306	-12,14524699	MV-400	1	-38,49171702	-12,27671266	VS-70	1
-38,50252809	-12,21288522	VS-70	1	-38,46730112	-12,2502501	VS-70	1
-38,50216792	-12,24418162	VS-70	1	-38,48590119	-12,27566737	VS-70	1
-38,44963948	-12,15778785	VS-70	1	-38,49289698	-12,27662443	VS-70	1
-38,44700554	-12,11208555	MV-250	1	-38,30050106	-12,03947212	VS-70	1
-38,44767402	-12,11279392	MV-250	1	-38,48911114	-12,27680706	VS-70	1
-38,42015323	-12,13775719	MV-400	1	-38,48898383	-12,27430153	IN-100	1
-38,42015323	-12,13775719	MV-400	1	-38,48914982	-12,27715792	VS-70	1
-38,41706644	-12,11272038	VS-70	1	-38,48918022	-12,27365541	VS-70	1
-38,43448331	-12,0476625	VS-70	1	-38,46690414	-12,24844455	VS-70	1
-38,41354707	-12,17024457	VS-70	1	-38,46742076	-12,24964057	VS-70	1
-38,43537643	-12,12941368	MV-250	1	-38,48985209	-12,27598802	VS-70	1
-38,43537643	-12,12941368	VS-250	1	-38,48907264	-12,27644357	VS-70	1
-38,42392976	-12,11806872	MV-400	1	-38,41364909	-12,20618536	VS-70	1
-38,42392976	-12,11806872	VS-250	1	-38,43700819	-12,11781881	VS-70	1
-38,40065433	-12,14095078	VS-70	1	-38,43792344	-12,11827058	VS-70	1
-38,43124817	-12,11574214	MV-250	1	-38,44692063	-12,2190206	VS-70	1
-38,40384798	-12,13288851	MV-250	1	-38,42243305	-12,26053848	VS-70	1
-38,42791867	-12,15215844	VS-400	1	-38,42077773	-12,26016615	VS-70	1
-38,42555595	-12,15233396	VS-70	1	-38,44763518	-12,00891119	VS-70	1
-38,49443146	-12,17614707	VS-70	1	-38,40592494	-12,14024124	MV-250	1
-38,41940237	-12,12315935	MV-250	1	-38,44393074	-12,13396628	VS-70	1
-38,44543198	-12,12305323	VS-70	1	-38,41903974	-12,12243033	VS-150	1
-38,42589168	-12,127804	VS-150	1	-38,41903974	-12,12243033	VS-150	1
-38,42260969	-12,14761355	VS-250	1	-38,44409941	-12,11104307	VS-150	1
-38,42260969	-12,14761355	VS-250	1	-38,39873219	-12,14408777	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,39852545	-12,12040827	MV-250	1	-38,40087975	-12,12786452	MV-150	1
-38,39486969	-12,11770264	VS-250	1	-38,43131449	-12,25050631	VS-70	1
-38,43839977	-12,13008877	VS-70	1	-38,42015097	-12,14526553	VS-250	1
-38,38827924	-12,15497379	VS-150	1	-38,41918794	-12,14258149	MV-250	1
-38,389154	-12,15423068	VS-150	1	-38,33467768	-12,17633465	VS-70	1
-38,44240304	-12,14900865	VS-250	1	-38,45165681	-12,14891679	VS-150	1
-38,47649779	-12,27765129	VS-70	1	-38,41163944	-12,12518369	VS-70	1
-38,49691955	-12,27163146	FL-30	1	-38,41519141	-12,12676865	VS-70	2
-38,42615486	-12,07570396	MV-250	1	-38,43889945	-12,24748299	VS-70	1
-38,41456902	-12,12100278	VS-70	1	-38,40438298	-12,13863019	VS-70	1
-38,41357625	-12,15562517	VS-70	1	-38,40438298	-12,13863019	MV-250	1
-38,41756463	-12,15214186	MV-250	1	-38,40840461	-12,13792357	VS-250	1
-38,41153786	-12,15081771	MV-250	1	-38,43056968	-12,12419015	MV-400	1
-38,41845247	-12,14054078	VS-250	1	-38,43056968	-12,12419015	MV-250	1
-38,41875148	-12,15114306	MV-250	1	-38,43056968	-12,12419015	VS-400	1
-38,41524464	-12,14466021	VS-250	1	-38,43392475	-12,14127198	VS-250	1
-38,41524464	-12,14466021	VS-70	1	-38,43729864	-12,14225983	VS-70	1
-38,41261808	-12,130798	MV-250	1	-38,43729864	-12,14225983	VS-250	1
-38,41838631	-12,17702503	MV-400	1	-38,47358942	-12,21519264	VS-70	1
-38,41607305	-12,11420205	VS-70	1	-38,44692503	-12,13280567	VS-150	1
-38,40071659	-12,20112972	VS-70	1	-38,41575529	-12,13156616	VS-70	1
-38,34085769	-12,15539476	VS-70	1	-38,38743654	-11,95733455	VS-70	1
-38,41371712	-12,14527147	VS-70	2	-38,40875961	-12,13550525	VS-250	1
-38,40231804	-12,12662812	VS-70	1	-38,44191147	-12,12994213	VS-250	1
-38,3989972	-12,13075535	MV-250	1	-38,40804458	-12,15627839	VS-70	1
-38,39787018	-12,12982688	MV-250	1	-38,40212625	-12,14019516	VS-150	1
-38,41569236	-12,1397285	VS-250	1	-38,42463967	-12,14208363	VS-400	1
-38,42934858	-12,14935017	VS-250	1	-38,42769267	-12,13997059	VS-250	2
-38,46032488	-12,14045048	MV-250	1	-38,4440541	-12,15897636	VS-70	1
-38,40034277	-12,13943598	VS-70	1	-38,44650491	-12,1566814	VS-70	1
-38,43211975	-12,12765536	VS-70	1	-38,29581448	-11,96320204	VS-70	1
-38,41783956	-12,21087047	MV-250	1	-38,40658263	-12,13890387	MV-250	1
-38,43385805	-12,13831029	VS-250	1	-38,4332881	-12,13726535	MV-250	1
-38,42407973	-12,13215866	VS-250	1	-38,44465378	-12,15855059	VS-70	1
-38,34910102	-12,21010114	VS-70	1	-38,43262144	-12,12231042	VS-400	1
-38,33250407	-12,1736885	VS-70	1	-38,44929314	-12,14453199	VS-70	1
-38,41826317	-12,19763135	VS-70	1	-38,41231742	-12,14363015	MV-250	1
-38,43718309	-12,13494871	VS-250	1	-38,42168133	-12,14499026	MV-400	1
-38,41078297	-12,13494025	VS-70	1	-38,4425348	-12,13798704	MV-250	1
-38,41571287	-12,19886987	VS-250	1	-38,414198	-12,12149871	MV-250	1
-38,43112391	-12,14094037	MV-250	1	-38,40735461	-12,15638839	VS-70	1
-38,46528317	-12,13957877	MV-250	1	-38,33424104	-12,16687969	VS-70	1
-38,40457791	-12,15107176	VS-70	1	-38,44168982	-12,13705458	VS-250	1
-38,40622631	-12,13161521	MV-250	1	-38,44168982	-12,13705458	VS-70	1
-38,43204304	-12,13285701	VS-250	1	-38,42101326	-12,15450346	VS-70	1
-38,41459799	-12,13846361	MV-400	1	-38,43293709	-12,13357321	VS-250	1
-38,38813797	-12,11323357	VS-70	1	-38,41032432	-12,15313993	VS-400	1
-38,46333024	-12,26041513	FL-85	1	-38,41032432	-12,15313993	MV-250	1
-38,44827543	-12,12553253	VS-70	1	-38,42662661	-12,07400967	VS-400	1
-38,40818297	-12,14495685	VS-250	1	-38,42662661	-12,07400967	VS-70	1
-38,43588691	-12,12351519	VS-70	1	-38,4166316	-12,15252008	MV-250	1
-38,43645015	-12,12421546	MV-250	1	-38,4166316	-12,15252008	VS-70	1
-38,37596336	-11,97419455	VS-70	1	-38,42162472	-12,14645859	MV-250	1
-38,37581757	-11,97381742	VS-70	1	-38,43226316	-12,11624548	MV-250	1
-38,43038406	-12,05426194	VS-70	1	-38,43226316	-12,11624548	VS-400	1
-38,43908144	-12,12236209	VS-70	1	-38,44217978	-12,13671369	MV-250	1
-38,38874784	-12,12802472	VS-70	1	-38,40842782	-12,22984128	VS-70	1
-38,44749314	-12,14247708	VS-70	1	-38,45825149	-12,14016881	MV-250	1
-38,44437981	-12,14225677	VS-70	1	-38,43750145	-12,14086367	MV-250	1
-38,44777937	-12,13594515	VS-70	1	-38,4307864	-12,15169361	VS-250	1
-38,43208816	-12,11902875	MV-250	1	-38,43838979	-12,13353705	VS-70	1
-38,42480968	-12,14141692	VS-250	1	-38,43838979	-12,13353705	VS-250	1
-38,40426785	-12,19869312	VS-70	1	-38,48607275	-12,22761366	VS-70	2
-38,37752449	-12,14808165	VS-70	1	-38,40047794	-12,12850571	VS-70	1
-38,47299962	-12,24123982	VS-70	1	-38,40290793	-12,13311857	MV-250	1
-38,33176439	-12,17549799	VS-70	1	-38,40290793	-12,13311857	LD-100	2
-38,39417876	-12,11728508	MV-250	1	-38,44038977	-12,12744538	MV-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,39417876	-12,11728508	VS-250	1	-38,44038977	-12,12744538	MV-250	1
-38,41150036	-12,13710647	VS-250	1	-38,42048841	-12,14409358	MV-250	1
-38,48856132	-12,22337	VS-70	1	-38,44987314	-12,13908539	MV-250	1
-38,40625964	-12,12956192	VS-70	1	-38,43553972	-12,14109701	MV-250	1
-38,45117647	-12,14351704	VS-250	1	-38,39672296	-12,1417721	MV-400	1
-38,42635137	-12,1299937	VS-150	1	-38,40049307	-12,12933963	MV-250	1
-38,4384881	-12,13613374	MV-250	1	-38,40001984	-12,13066602	MV-250	1
-38,51132694	-12,19748275	VS-70	1	-38,42195129	-12,15565096	VS-70	1
-38,41913866	-12,14213663	MV-250	1	-38,42868311	-12,13369533	VS-250	1
-38,48332489	-12,20649523	VS-70	1	-38,420968	-12,14029027	MV-400	1
-38,40212412	-12,12763147	VS-70	1	-38,420968	-12,14029027	MV-400	1
-38,40194358	-12,12732374	VS-70	1	-38,45204341	-12,1554405	VS-70	1
-38,39840084	-12,14134479	VS-70	1	-38,38054792	-12,13678841	VS-70	1
-38,42178632	-12,14406192	MV-400	1	-38,41216969	-12,11313706	VS-70	1
-38,42019633	-12,14469353	MV-250	1	-38,4420315	-12,11220885	VS-70	1
-38,42019633	-12,14469353	MV-250	1	-38,33703735	-12,21551289	VS-70	1
-38,39457989	-11,95857627	VS-70	1	-38,34356932	-12,21230778	VS-70	2
-38,39457989	-11,95857627	VS-400	1	-38,41200614	-12,23713131	VS-70	1
-38,44343121	-12,1346685	VS-70	1	-38,38699025	-12,16191187	VS-70	1
-38,39938778	-12,22277129	VS-70	2	-38,40093293	-12,14426846	MV-250	2
-38,43101475	-12,1412003	MV-250	1	-38,41299797	-12,15394847	VS-70	1
-38,45060181	-12,15874756	VS-70	1	-38,44073816	-12,12965207	VS-70	1
-38,43559002	-12,04719922	VS-70	1	-38,42258812	-12,12386873	MV-250	1
-38,40704965	-12,13733519	VS-70	1	-38,41080321	-12,13659931	VS-250	1
-38,39919129	-12,12669676	MV-150	1	-38,35247773	-12,18764134	VS-70	1
-38,43442807	-12,1362987	MV-250	1	-38,39975636	-12,1213453	MV-250	1
-38,42782639	-12,21837899	VS-70	1	-38,40443626	-12,14049016	VS-150	1
-38,4998344	-12,2018312	VS-70	1	-38,42019304	-12,13445696	VS-250	1
-38,4998344	-12,2018312	MV-250	1	-38,45078479	-12,15567141	VS-70	1
-38,41654706	-12,13564337	VS-70	1	-38,40909983	-11,96764968	VS-70	1
-38,41654706	-12,13564337	VS-250	1	-38,44557898	-12,13149584	VS-70	1
-38,43592628	-12,13850441	VS-250	1	-38,44557898	-12,13149584	VS-250	1
-38,43592628	-12,13850441	VS-250	1	-38,37722451	-12,14763334	VS-70	1
-38,41827217	-12,15613675	MV-250	1	-38,41563774	-12,13854525	MV-250	1
-38,40036125	-12,13770685	MV-250	1	-38,4376081	-12,12081383	VS-150	1
-38,40036125	-12,13770685	MV-250	1	-38,44408429	-12,15843782	VS-70	1
-38,36606292	-12,09249191	VS-70	1	-38,44487447	-12,15746609	VS-70	1
-38,42176971	-12,14295028	MV-250	1	-38,4406281	-12,1305337	VS-250	1
-38,43492143	-12,13576533	MV-250	1	-38,44616006	-12,15689136	VS-70	1
-38,41310805	-12,12390527	VS-70	1	-38,43914642	-12,1348404	VS-250	1
-38,41724135	-12,15272018	MV-250	1	-38,41537726	-12,12919735	VS-250	1
-38,38793459	-12,11688524	VS-70	1	-38,40075362	-12,13315553	VS-150	1
-38,41447855	-12,11019498	VS-250	2	-38,45158644	-12,14340369	VS-70	1
-38,40761968	-12,12523192	MV-250	8	-38,43105983	-12,11699711	MV-250	1
-38,44153645	-12,13414537	MV-250	1	-38,42146471	-12,13383863	VS-250	1
-38,47462402	-12,20801719	VS-70	1	-38,41760806	-12,12054871	VS-150	1
-38,43553477	-12,1170588	VS-70	1	-38,4037663	-12,14404347	MV-400	1
-38,32105443	-12,17794135	VS-70	1	-38,4037663	-12,14404347	MV-250	1
-38,48776293	-12,23458161	VS-70	1	-38,40188508	-12,15514439	VS-70	1
-38,41870141	-12,13744574	MV-400	1	-38,33627938	-12,17178133	VS-70	1
-38,44344314	-12,1304604	VS-400	1	-38,39167456	-12,13506177	MV-250	1
-38,44344314	-12,1304604	MV-250	1	-38,37581901	-12,10715143	VS-70	1
-38,44344314	-12,1304604	VS-70	1	-38,34022669	-12,0470823	VS-70	1
-38,42958715	-12,14940344	VS-250	1	-38,36373451	-12,09407021	VS-70	1
-38,42159536	-12,12693549	VS-70	1	-38,329235	-12,11161326	VS-70	1
-38,50164802	-12,21611011	VS-70	1	-38,38174646	-12,13614055	VS-70	1
-38,44983305	-12,12603097	VS-70	1	-38,34810119	-12,08066357	VS-70	1
-38,39684278	-12,22699298	VS-70	1	-38,37828342	-12,10860725	VS-70	1
-38,43224805	-12,14670195	VS-250	1	-38,39237639	-12,14336586	MV-250	1
-38,43224805	-12,14670195	VS-70	1	-38,36442458	-12,09259023	VS-70	1
-38,37574477	-11,97343293	VS-70	1	-38,3680528	-12,13536833	VS-70	1
-38,41735172	-12,14821413	VS-250	1	-38,3766752	-12,11034607	VS-70	1
-38,43338926	-12,11878399	VS-250	1	-38,37396533	-12,09848341	VS-70	1
-38,4215347	-12,15352185	VS-70	1	-38,37415599	-12,09807185	VS-70	1
-38,43828977	-12,12283378	MV-250	1	-38,3663096	-12,09071861	VS-150	1
-38,42080472	-12,14663357	VS-250	1	-38,3663096	-12,09071861	VS-70	1
-38,42080472	-12,14663357	MV-250	1	-38,38313128	-12,10396772	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,35270947	-12,12808999	VS-70	1	-38,38313128	-12,10396772	VS-150	1
-38,38777131	-12,11627859	VS-70	1	-38,29712644	-12,03526036	VS-70	1
-38,41986307	-12,12462364	VS-70	1	-38,39283345	-12,1433192	VS-70	1
-38,42627189	-12,21321938	VS-70	1	-38,37671513	-12,10590004	VS-70	1
-38,43078302	-12,14362697	VS-70	1	-38,37296125	-12,1019636	VS-70	1
-38,46550486	-12,14127209	VS-250	1	-38,38273677	-12,10425883	VS-70	1
-38,44521645	-12,12706708	VS-250	1	-38,37142843	-12,1055033	VS-150	1
-38,44000975	-12,14413199	MV-250	1	-38,37108387	-12,13849515	VS-70	1
-38,41573967	-12,12585536	VS-70	1	-38,36922205	-12,09058063	VS-70	2
-38,41430137	-12,11749367	MV-250	1	-38,32798567	-12,11062946	VS-70	1
-38,41707294	-12,15440849	MV-250	1	-38,35314279	-12,12846335	VS-70	1
-38,33927934	-12,15754476	VS-70	1	-38,40583435	-11,93622308	VS-70	1
-38,41926334	-12,13444826	MV-250	1	-38,38894123	-12,14604339	VS-70	1
-38,33928775	-12,15808979	VS-70	1	-38,36054286	-12,09172017	VS-70	1
-38,41413639	-12,10194715	VS-70	1	-38,3851412	-12,14553171	VS-70	1
-38,40030347	-12,14211258	VS-70	1	-38,38248242	-12,10693971	VS-70	1
-38,40030347	-12,14211258	VS-250	1	-38,33932942	-12,0790135	VS-70	1
-38,46162479	-12,15683867	MV-250	1	-38,37353741	-12,14220399	MV-250	1
-38,46162479	-12,15683867	VS-70	1	-38,37353741	-12,14220399	VS-70	1
-38,46162479	-12,15683867	VS-150	2	-38,37236656	-12,10507417	VS-150	1
-38,46162479	-12,15683867	MV-150	1	-38,3971212	-12,15414338	VS-70	1
-38,46162479	-12,15683867	VS-150	1	-38,36852908	-12,09203929	VS-70	1
-38,43839479	-12,13102871	VS-70	1	-38,44293423	-12,12634211	VS-150	1
-38,39883713	-12,12656379	MV-150	1	-38,36774458	-12,0936669	VS-70	1
-38,40999471	-12,12882795	MV-250	1	-38,36341117	-12,09451857	VS-70	1
-38,48383341	-12,23135511	VS-70	1	-38,35784114	-12,08981858	VS-70	1
-38,39853462	-12,13333688	MV-250	1	-38,41493049	-12,16465272	VS-70	1
-38,39793294	-12,13381018	VS-70	1	-38,38218431	-12,1065779	VS-70	1
-38,39803461	-12,13373351	VS-150	1	-38,35140284	-12,08325018	VS-70	1
-38,39803461	-12,13373351	VS-70	1	-38,30621123	-12,11648337	VS-70	1
-38,42423117	-12,14393324	MV-250	1	-38,33402463	-12,03192455	VS-70	1
-38,42430253	-12,14414134	VS-250	1	-38,29737132	-12,11608837	VS-70	1
-38,42440041	-12,14410812	MV-250	1	-38,38319866	-12,10623125	VS-70	1
-38,49266483	-12,17055207	VS-70	1	-38,39190297	-12,1354585	VS-70	1
-38,42112028	-12,12699389	VS-70	1	-38,35125954	-12,08335427	VS-70	1
-38,42323133	-12,13714193	VS-400	1	-38,32837577	-12,11091209	VS-70	1
-38,40112048	-12,1546921	VS-70	1	-38,38659457	-12,14546009	VS-70	1
-38,36478352	-12,13539984	MV-250	1	-38,36571615	-12,12948334	VS-70	1
-38,36478352	-12,13539984	VS-70	1	-38,39333456	-12,13991513	VS-250	1
-38,40608295	-12,13450522	MV-250	1	-38,36895759	-12,11261687	VS-250	1
-38,43408508	-12,13166558	VS-70	1	-38,36895759	-12,11261687	VS-70	2
-38,38731927	-12,15410576	VS-150	1	-38,36846511	-12,11279104	VS-250	2
-38,38637774	-12,16060156	MV-150	1	-38,36605126	-12,04859711	VS-70	1
-38,38637774	-12,16060156	VS-70	1	-38,33491201	-12,03245939	VS-70	1
-38,38784144	-12,15992187	MV-400	3	-38,36128614	-12,12925	VS-70	1
-38,38784144	-12,15992187	MV-400	1	-38,36128614	-12,12925	MV-250	1
-38,44971928	-12,12649595	VS-70	1	-38,41990297	-12,16596176	VS-70	1
-38,44839783	-12,12639008	VS-70	1	-38,3904446	-12,1298052	VS-70	1
-38,449048	-12,1262046	VS-70	1	-38,39079456	-12,12989516	VS-70	2
-38,44966981	-12,12607528	VS-70	1	-38,37391619	-12,09886866	VS-250	1
-38,4479352	-12,12613155	VS-70	1	-38,37391619	-12,09886866	VS-70	1
-38,43801065	-12,13322299	VS-70	1	-38,39098956	-12,15169837	VS-70	1
-38,50463633	-12,23566333	MV-400	1	-38,37736466	-12,04622223	VS-150	1
-38,42703455	-12,13867345	VS-250	2	-38,32334677	-12,10995075	VS-70	1
-38,42703455	-12,13867345	VS-250	6	-38,39183886	-12,13182067	VS-70	2
-38,42703455	-12,13867345	VS-150	3	-38,39183886	-12,13182067	MV-400	1
-38,40630612	-12,23052962	VS-70	2	-38,37329986	-12,10878497	MV-400	1
-38,51322312	-12,20062699	MV-250	1	-38,37329986	-12,10878497	VS-70	1
-38,39911964	-12,14855843	VS-70	1	-38,44568572	-12,14152105	VS-70	1
-38,40797169	-12,12426636	VS-70	1	-38,4156248	-12,1632296	VS-70	1
-38,42653561	-12,14652188	VS-250	1	-38,37595918	-12,11108411	VS-150	1
-38,42133559	-12,1221095	MV-250	1	-38,35849451	-12,05761708	VS-70	1
-38,42104549	-12,12209004	VS-70	1	-38,3598746	-12,03347552	VS-70	1
-38,49010653	-12,17006037	VS-70	1	-38,36945805	-11,9902625	VS-70	1
-38,48980646	-12,17024208	VS-70	1	-38,41886937	-11,94152074	VS-70	1
-38,42485971	-12,13881866	MV-400	1	-38,41748523	-11,94670865	VS-70	1
-38,45589395	-12,15521976	MV-70	1	-38,41827676	-11,94039156	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,39745512	-12,13793105	VS-70	1	-38,36073129	-12,03191717	VS-70	1
-38,43065139	-12,13858865	VS-250	1	-38,37776688	-11,95629392	VS-250	1
-38,4346564	-12,14350527	VS-250	1	-38,34804115	-12,03588874	VS-70	1
-38,41962805	-12,14039361	VS-250	1	-38,36681798	-12,0007307	VS-70	1
-38,42048469	-12,12470705	VS-70	1	-38,35927952	-12,05561705	VS-70	1
-38,45546618	-12,15657046	VS-70	1	-38,39157487	-11,93817306	VS-70	1
-38,37418621	-12,10285855	VS-70	1	-38,43207524	-11,93350005	VS-70	1
-38,34100942	-12,15485311	VS-70	1	-38,36263794	-12,00722567	VS-70	1
-38,41000842	-12,12398975	VS-70	1	-38,4561921	-11,93732403	VS-70	1
-38,41000842	-12,12398975	MV-400	1	-38,41482508	-11,97341458	VS-70	1
-38,41000842	-12,12398975	MV-250	1	-38,37659644	-11,97948428	VS-250	1
-38,42749145	-12,12388368	VS-250	1	-38,37659644	-11,97948428	VS-70	1
-38,41460236	-12,12264605	VS-70	1	-38,40460838	-11,9367648	VS-70	1
-38,43351975	-12,13692864	MV-250	1	-38,43447865	-11,93414343	VS-70	1
-38,50504967	-12,23529837	VS-70	1	-38,43447865	-11,93414343	VS-250	1
-38,39789131	-12,13263515	VS-70	1	-38,37698858	-11,95646828	VS-250	1
-38,41361946	-12,11514295	VS-70	1	-38,3990979	-12,05277561	VS-70	1
-38,42983636	-12,13637035	VS-250	1	-38,44591034	-11,93353519	VS-70	1
-38,43013967	-12,1453053	VS-250	1	-38,34951625	-11,9774658	VS-70	1
-38,4179765	-12,12082212	VS-150	1	-38,40093115	-12,02732438	VS-70	1
-38,40897432	-12,12512791	VS-70	1	-38,38913819	-11,98969263	MT-250	1
-38,42224736	-12,14189217	MV-400	1	-38,4640405	-11,94120028	VS-70	1
-38,35071605	-12,19620962	VS-70	1	-38,37192244	-11,99470682	VS-70	1
-38,4224164	-12,12298032	MV-250	1	-38,3933816	-11,94996961	VS-70	1
-38,4224164	-12,12298032	MV-250	1	-38,36159964	-12,03373409	VS-70	1
-38,43207805	-12,13860201	MV-250	1	-38,34462099	-12,03100961	VS-70	1
-38,41592805	-12,12219534	MV-250	1	-38,36759801	-11,9993224	VS-70	1
-38,4145464	-12,12820697	VS-70	1	-38,4018276	-11,93852058	VS-70	1
-38,41275132	-12,13237856	MV-250	1	-38,37632142	-11,98193924	VS-70	1
-38,43906658	-12,13836677	MV-250	1	-38,34966617	-12,03564213	VS-70	1
-38,41094698	-12,13726927	VS-250	1	-38,39905383	-11,95166192	VS-70	1
-38,41094698	-12,13726927	MV-250	1	-38,4293219	-11,93371836	VS-70	1
-38,41094698	-12,13726927	MV-250	1	-38,35561958	-12,03459544	VS-70	1
-38,41094698	-12,13726927	MV-250	1	-38,37343275	-11,98620891	VS-70	1
-38,43768317	-12,11291054	VS-250	1	-38,37236319	-11,99270022	VS-70	1
-38,43901647	-12,11874376	VS-250	1	-38,41949283	-11,94408906	VS-70	1
-38,43901647	-12,11874376	VS-70	1	-38,4126811	-12,2385496	VS-70	1
-38,46868961	-12,22487832	VS-70	1	-38,41964054	-11,94538399	VS-70	1
-38,37802379	-12,13413482	VS-70	1	-38,37837134	-12,02989566	VS-70	1
-38,37727448	-12,13358412	VS-70	1	-38,40826171	-11,9394498	VS-70	1
-38,41015469	-12,12867864	VS-250	1	-38,3824865	-11,9509962	VS-70	1
-38,41015469	-12,12867864	MV-250	1	-38,37135804	-11,99176419	VS-70	1
-38,41079285	-12,21933143	VS-70	1	-38,37135804	-11,99176419	MV-400	2
-38,4226148	-12,10541377	VS-70	1	-38,37135804	-11,99176419	MV-400	2
-38,41519468	-12,11827867	VS-70	1	-38,37135804	-11,99176419	VS-70	1
-38,41636804	-12,11744541	VS-70	1	-38,38868153	-11,9565779	VS-70	1
-38,4028595	-12,20103317	VS-70	1	-38,41672668	-12,0047027	VS-70	1
-38,41689969	-12,12840364	VS-250	1	-38,37873536	-11,95900742	VS-250	1
-38,41429479	-12,12840339	VS-70	1	-38,37205475	-11,99206913	VS-70	2
-38,38897961	-12,11540854	VS-70	1	-38,41785171	-12,00469772	VS-70	1
-38,42102886	-12,14085751	VS-150	1	-38,42131904	-11,94521412	VS-70	1
-38,40333627	-12,13544857	VS-70	1	-38,42265699	-11,94590623	VS-70	1
-38,50795145	-12,19190705	VS-250	1	-38,37279026	-11,98702661	VS-70	1
-38,47552136	-12,21712169	VS-70	2	-38,40702827	-12,00800423	VS-70	1
-38,50549978	-12,18557209	MV-250	1	-38,35491119	-12,03521217	VS-150	2
-38,41692837	-12,14396178	MV-250	1	-38,35491119	-12,03521217	MV-250	1
-38,50209295	-12,24363665	VS-250	1	-38,35491119	-12,03521217	MV-250	1
-38,50209295	-12,24363665	VS-70	1	-38,41660533	-11,94476949	VS-70	1
-38,38851466	-12,09717871	VS-70	1	-38,37340802	-11,98845587	VS-70	1
-38,40539797	-12,13802017	MV-250	1	-38,35686294	-12,03366716	VS-70	1
-38,43285118	-12,22615482	VS-150	1	-38,41005499	-12,00568764	VS-70	1
-38,43285118	-12,22615482	VS-70	1	-38,37801649	-11,95819611	VS-70	1
-38,42317004	-12,19707934	VS-150	1	-38,40049007	-11,93745812	VS-70	1
-38,42910466	-12,15435519	MV-250	1	-38,43471513	-12,00630276	VS-70	1
-38,4380714	-12,13347707	MV-250	1	-38,37021961	-12,04758382	VS-70	1
-38,41911969	-12,12180867	VS-150	1	-38,42483176	-12,00375606	VS-70	1
-38,41911969	-12,12180867	VS-150	1	-38,36620637	-12,00034237	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,42258301	-12,15289351	VS-70	1	-38,4223599	-11,93640064	VS-70	1
-38,42258301	-12,15289351	VS-250	1	-38,36716797	-11,99918574	VS-70	1
-38,3977124	-12,12768302	MV-250	1	-38,37352031	-11,98583869	VS-70	1
-38,43384638	-12,13593535	VS-250	1	-38,42859858	-11,93380169	VS-70	1
-38,50463633	-12,23566333	VS-70	1	-38,42713522	-11,93416005	VS-70	1
-38,47889238	-12,14098796	MV-250	1	-38,36928472	-11,99574241	VS-70	1
-38,4193914	-12,13134027	MV-250	1	-38,42674341	-12,00443111	VS-70	1
-38,41276354	-12,11940318	VS-70	1	-38,42019323	-11,94524083	VS-70	1
-38,4264214	-12,12569199	VS-70	1	-38,44541208	-11,93328858	VS-70	1
-38,41811303	-12,13185695	MV-250	1	-38,40400324	-12,00514256	VS-70	1
-38,43622307	-12,14189534	VS-250	1	-38,43497516	-12,00565774	VS-70	1
-38,41514679	-12,13162525	VS-250	1	-38,43497516	-12,00565774	VS-250	1
-38,44227149	-12,11335723	VS-70	1	-38,37699643	-11,98259096	VS-70	1
-38,40927079	-12,13044982	VS-70	1	-38,37658172	-11,98289358	VS-70	1
-38,42080583	-12,14454806	MV-250	1	-38,39007792	-12,13092136	VS-70	1
-38,39094278	-12,2313296	VS-70	2	-38,3279972	-12,11388935	VS-70	1
-38,43876644	-12,14111369	VS-250	1	-38,39330299	-12,14337444	VS-70	1
-38,46604985	-12,1374988	VS-70	1	-38,3136212	-12,12040327	MV-250	1
-38,39116749	-12,13387851	VS-70	1	-38,44291761	-12,12608119	MV-150	1
-38,41042471	-12,13283195	MV-250	1	-38,46125291	-12,22659657	VS-70	1
-38,41968208	-12,1950205	MV-250	1	-38,37090951	-12,13622501	VS-70	1
-38,41968208	-12,1950205	VS-70	1	-38,42272963	-12,16719009	MV-250	1
-38,4044246	-12,14357686	MV-250	1	-38,42272963	-12,16719009	MV-400	1
-38,34245609	-12,16518473	MV-400	1	-38,41338497	-12,17009939	VS-70	1
-38,34245609	-12,16518473	VS-250	1	-38,40014486	-12,14702837	MV-250	1
-38,41507641	-12,11964537	VS-70	1	-38,29677145	-12,0367804	VS-70	1
-38,4418103	-12,15023847	MV-250	1	-38,34121868	-12,04676443	VS-70	1
-38,37663196	-12,13537193	VS-70	1	-38,36903119	-12,09093857	VS-70	2
-38,40758711	-12,14344422	MV-250	1	-38,36903119	-12,09093857	MV-250	1
-38,33473432	-12,17200965	VS-70	1	-38,36916923	-12,11125355	VS-70	1
-38,33054937	-12,17289464	VS-70	1	-38,37354853	-12,09978674	VS-70	1
-38,41555047	-12,22388087	VS-70	1	-38,38197794	-12,10532356	VS-70	1
-38,41220796	-12,13911351	MV-250	1	-38,41404216	-12,16918763	VS-70	1
-38,40056801	-12,12197022	MV-250	1	-38,30087475	-12,03981203	VS-70	1
-38,40056801	-12,12197022	MV-400	1	-38,30087475	-12,03981203	MV-250	1
-38,41410976	-12,11721035	MV-250	1	-38,35826623	-12,09013358	VS-70	1
-38,43762641	-12,14131863	VS-250	1	-38,36183621	-12,09266525	VS-70	1
-38,37740576	-11,95951361	VS-70	1	-38,33257552	-12,03101793	VS-70	1
-38,41752545	-12,14372931	MV-250	1	-38,39043804	-12,13093888	VS-150	1
-38,40362201	-12,24672319	VS-70	1	-38,36714124	-12,09156862	VS-70	1
-38,40291295	-12,12556354	VS-70	1	-38,38092956	-12,10444529	VS-70	1
-38,40291295	-12,12556354	MV-250	1	-38,36869123	-12,09172855	VS-70	1
-38,4124047	-12,1095571	VS-70	1	-38,39113463	-12,13496852	VS-70	1
-38,4240514	-12,13254862	VS-250	1	-38,39113463	-12,13496852	VS-250	1
-38,43138315	-12,11642877	MV-250	1	-38,37303446	-12,11012341	VS-250	1
-38,39963578	-12,13368576	VS-250	1	-38,39148533	-12,13183889	VS-70	1
-38,42219069	-12,13523856	VS-400	1	-38,38226457	-12,1055369	VS-70	1
-38,41495889	-12,14946981	MV-250	1	-38,29728641	-12,03479538	VS-70	1
-38,41055958	-12,1559001	VS-150	1	-38,36627124	-12,09015693	VS-70	1
-38,40101586	-12,15428453	VS-70	1	-38,38890452	-12,1455551	VS-70	1
-38,39955711	-12,13011306	MV-250	1	-38,4145136	-12,16536062	VS-70	1
-38,410343	-12,14299023	MV-250	1	-38,36585788	-12,09564854	VS-70	1
-38,44307953	-12,15400864	VS-70	1	-38,35493121	-12,08727018	VS-70	1
-38,3970838	-12,14060601	MV-250	1	-38,3511578	-12,0836602	MV-400	1
-38,39713911	-12,13751205	VS-70	1	-38,3511578	-12,0836602	VS-70	2
-38,39896713	-12,13106801	MV-250	1	-38,39619467	-12,11270194	VS-70	1
-38,39896713	-12,13106801	MV-250	1	-38,43282472	-12,13264873	VS-250	1
-38,39877372	-12,12949283	MV-250	1	-38,41705804	-12,12412867	VS-70	1
-38,39877372	-12,12949283	MV-250	1	-38,40309934	-12,13829963	VS-150	1
-38,39933634	-12,12809493	MV-250	1	-38,40059298	-12,14514343	VS-400	1
-38,41989637	-12,13341861	VS-250	1	-38,40059298	-12,14514343	VS-250	3
-38,40553467	-12,11898861	VS-70	1	-38,44090781	-12,26182461	VS-70	1
-38,40553467	-12,11898861	VS-250	1	-38,44604634	-12,13461302	VS-70	1
-38,44009147	-12,12582539	VS-150	1	-38,41276136	-12,12217824	MV-250	1
-38,42958474	-12,11896208	MV-250	1	-38,45378639	-12,15382036	VS-70	1
-38,42756472	-12,13201204	VS-250	1	-38,41657971	-12,15025778	VS-250	1
-38,44208992	-12,15008961	MV-250	1	-38,41620141	-12,11185207	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,44120679	-12,15020885	VS-70	1	-38,38780991	-12,16281012	VS-70	1
-38,44120679	-12,15020885	VS-400	1	-38,42054975	-12,13263034	VS-250	1
-38,43997562	-12,15127391	VS-70	1	-38,41926793	-12,12721348	MV-250	1
-38,44122007	-12,15092055	MV-250	1	-38,42044039	-12,11762229	VS-70	1
-38,44113695	-12,15350489	VS-70	1	-38,41495473	-12,11373207	VS-250	1
-38,44177532	-12,15330152	VS-70	1	-38,41495473	-12,11373207	VS-70	1
-38,4133101	-12,13546952	VS-70	1	-38,41615848	-12,11084166	VS-70	1
-38,41007802	-12,12541692	MV-250	1	-38,50642645	-12,18764535	MV-250	1
-38,40003324	-12,00353111	VS-70	1	-38,50642645	-12,18764535	MV-250	1
-38,41209806	-12,1239486	VS-70	1	-38,50642645	-12,18764535	VS-250	2
-38,41551304	-12,12924533	VS-70	1	-38,44089762	-12,15249472	MV-250	1
-38,43357971	-12,14380363	VS-250	1	-38,44089762	-12,15249472	VS-70	1
-38,43336879	-12,14957633	VS-250	1	-38,44055547	-12,15538969	VS-70	1
-38,41997469	-12,12398037	MV-250	1	-38,44055547	-12,15538969	VS-400	1
-38,44043149	-12,12299882	VS-70	1	-38,42368633	-12,13820363	VS-400	1
-38,43402126	-12,13818014	VS-250	1	-38,40301326	-12,1299615	VS-150	1
-38,41429162	-12,13075859	VS-250	1	-38,40301326	-12,1299615	MV-250	1
-38,43623648	-12,11545052	VS-250	1	-38,41436978	-12,12236635	VS-70	1
-38,42797947	-12,13320393	VS-250	1	-38,42586137	-12,14018027	MV-250	1
-38,43287469	-12,14124523	VS-250	1	-38,4334511	-12,20985088	VS-70	1
-38,39731626	-12,13486019	VS-70	1	-38,33208599	-12,17288637	MV-250	1
-38,40163049	-12,12868833	MV-250	1	-38,39929303	-12,12089189	MV-250	1
-38,40163049	-12,12868833	VS-70	1	-38,39859109	-12,22730297	VS-70	1
-38,43205011	-12,00491113	VS-70	1	-38,49885554	-12,17230032	VS-70	1
-38,43205011	-12,00491113	VS-250	1	-38,42863339	-12,20875177	VS-70	1
-38,46416655	-12,14037209	VS-70	1	-38,41231446	-12,1311852	VS-70	1
-38,42236621	-12,13680306	VS-400	1	-38,43253728	-12,14415379	VS-250	1
-38,42236621	-12,13680306	MV-400	1	-38,40937054	-12,12731252	VS-70	1
-38,4649298	-12,1597187	MV-250	1	-38,33234105	-12,17633798	VS-70	1
-38,39951398	-12,13046166	MV-250	1	-38,40086856	-12,02681869	VS-70	1
-38,43346142	-12,12908704	MV-250	1	-38,45996481	-12,14234714	VS-70	1
-38,43424312	-12,12571877	MV-250	1	-38,41717966	-12,15527683	VS-250	1
-38,41743474	-12,12320033	MV-250	1	-38,40227267	-12,15068852	VS-250	1
-38,38694646	-11,99272928	VS-70	1	-38,40227267	-12,15068852	MV-400	1
-38,40762629	-12,14098353	MV-250	1	-38,42517973	-12,14645523	VS-400	1
-38,4764541	-12,22126953	VS-70	1	-38,42517973	-12,14645523	MV-400	1
-38,4764541	-12,22126953	VS-70	1	-38,43262975	-12,13246368	VS-250	1
-38,3646721	-12,13579564	VS-70	1	-38,42461991	-12,1356288	VS-250	1
-38,41147803	-12,11871699	VS-70	1	-38,42438049	-12,13495328	MV-250	1
-38,4135497	-12,14086853	VS-250	1	-38,46084512	-12,25039639	VS-70	2
-38,4135497	-12,14086853	VS-250	1	-38,42567313	-12,10296715	VS-70	1
-38,41882721	-12,13754702	MV-400	1	-38,46437894	-12,25315022	VS-250	1
-38,41161222	-12,13690599	VS-250	1	-38,42454973	-12,13321702	VS-70	1
-38,44560278	-12,12625814	VS-70	1	-38,4440691	-12,11589053	MV-250	1
-38,39807566	-11,94802288	VS-70	1	-38,44554729	-12,11476331	MV-250	1
-38,4154397	-12,11390706	VS-150	1	-38,43608648	-12,12036545	VS-150	1
-38,4154397	-12,11390706	VS-250	1	-38,39193295	-12,12116689	MV-250	1
-38,42670805	-12,13280033	VS-250	1	-38,42211806	-12,14257358	MV-400	1
-38,42618757	-12,1493816	VS-70	2	-38,44478313	-12,13306873	MV-250	1
-38,41914802	-12,13518861	VS-250	1	-38,4245031	-12,13348696	VS-70	1
-38,40305159	-12,15290665	VS-70	1	-38,40008628	-12,12777692	VS-70	1
-38,43660144	-12,14525031	MV-400	1	-38,41922303	-12,12462863	MV-250	1
-38,43414804	-12,14363529	VS-250	1	-38,41922303	-12,12462863	MV-70	1
-38,42040469	-12,12149201	VS-70	1	-38,44176584	-12,14392387	VS-70	1
-38,39837543	-12,14726718	VS-70	1	-38,39071316	-12,13254618	VS-70	1
-38,43854806	-12,14090866	MV-250	1	-38,4296231	-12,13477701	MV-250	1
-38,42651477	-12,12973203	VS-150	1	-38,41645963	-12,15427515	MV-250	1
-38,42500269	-12,13970147	MV-400	1	-38,30193923	-12,05371246	VS-70	1
-38,49080477	-12,173702	VS-70	1	-38,41366335	-12,11780812	MV-250	1
-38,41254455	-12,20455982	VS-70	1	-38,41415688	-12,11551081	MV-250	1
-38,40354052	-12,15307712	VS-70	1	-38,36578446	-12,13720667	VS-70	1
-38,42391811	-12,11947202	VS-70	1	-38,4305998	-12,11800042	MV-250	1
-38,43291081	-12,14912682	VS-70	1	-38,40036444	-12,22839293	VS-70	2
-38,40987879	-12,13280861	VS-70	1	-38,40235967	-12,11817359	MV-250	1
-38,43571139	-12,13420541	MV-250	1	-38,41786692	-12,15555395	VS-70	1
-38,41079457	-12,11276719	VS-70	1	-38,4028794	-12,23267123	VS-70	1
-38,44383752	-12,12715886	VS-250	1	-38,43403472	-12,14261033	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,44414166	-12,12682614	MV-400	2	-38,41616641	-12,12137038	MV-250	1
-38,44414166	-12,12682614	VS-150	1	-38,41616641	-12,12137038	MV-250	1
-38,40602488	-12,1377789	MV-250	1	-38,41235276	-12,23262967	VS-70	1
-38,42168471	-12,14526527	VS-400	1	-38,44055983	-12,13298544	VS-250	1
-38,47031994	-12,23879718	MT-160	1	-38,41202781	-12,23024971	VS-70	1
-38,42461329	-12,12699761	VS-150	1	-38,40761956	-12,1236113	VS-70	1
-38,42648437	-12,12802876	VS-150	1	-38,43237138	-12,13314705	VS-250	1
-38,42711501	-12,12846154	VS-150	1	-38,41128122	-12,16558507	VS-250	1
-38,4421598	-12,11354717	VS-70	1	-38,41532306	-12,13102697	VS-250	1
-38,42341653	-12,11979106	VS-70	1	-38,409719	-12,12532379	MV-250	1
-38,44159349	-12,14027752	VS-70	1	-38,43506974	-12,14040533	MV-250	1
-38,40762629	-12,14098353	MV-400	1	-38,43142804	-12,13761697	MV-250	1
-38,32258944	-12,17941467	VS-70	1	-38,40695611	-12,13939663	VS-250	1
-38,41554794	-12,17817338	MV-400	1	-38,44933252	-12,15684479	MV-400	1
-38,49809782	-12,17568748	VS-70	1	-38,44933252	-12,15684479	MV-400	1
-38,49743093	-12,17703868	VS-70	1	-38,44933252	-12,15684479	VS-70	1
-38,43584976	-12,12651545	MV-250	1	-38,49113468	-12,231355	VS-70	1
-38,40548467	-12,12096694	VS-70	1	-38,51254797	-12,25093665	VS-70	1
-38,43685982	-12,11989209	VS-150	1	-38,44994754	-12,12641908	VS-70	1
-38,39779659	-12,14454958	VS-150	1	-38,44858734	-12,12633744	VS-70	1
-38,41431671	-12,12939123	VS-250	1	-38,39116855	-12,13182483	MV-400	1
-38,40572025	-12,12327287	VS-70	1	-38,39116855	-12,13182483	VS-70	1
-38,43112525	-12,12460435	VS-70	1	-38,41072723	-12,21118456	VS-70	1
-38,33499439	-12,18042299	VS-70	1	-38,4139263	-12,15336014	VS-70	1
-38,40351467	-12,11904696	VS-70	1	-38,44577928	-12,13213764	VS-70	1
-38,41231778	-12,24300787	VS-70	1	-38,44564045	-12,13182739	VS-70	1
-38,41827043	-12,19735783	VS-70	1	-38,40839297	-12,13009694	VS-150	1
-38,373764	-12,09934499	VS-70	1	-38,42300906	-12,13522414	VS-150	1
-38,41351966	-12,14859184	VS-70	2	-38,39026944	-12,15452546	VS-150	1
-38,41351966	-12,14859184	VS-400	5	-38,39554961	-12,1132403	VS-70	1
-38,41398962	-12,14737189	VS-70	1	-38,43952806	-12,22091839	VS-70	1
-38,41398962	-12,14737189	VS-250	1	-38,43845947	-12,24716629	VS-70	1
-38,41041299	-12,13854525	VS-250	1	-38,44185986	-12,11363386	VS-70	1
-38,41041299	-12,13854525	MV-250	1	-38,43678645	-12,13575705	MV-250	1
-38,40169618	-12,20042977	VS-70	1	-38,4024896	-12,14269015	MV-250	1
-38,43204976	-12,14541031	VS-250	2	-38,4313531	-12,11882546	VS-400	1
-38,41243803	-12,13675359	VS-250	1	-38,4313531	-12,11882546	MV-250	1
-38,45554149	-12,1392688	MV-250	1	-38,41819305	-12,12693534	VS-250	1
-38,43582473	-12,13704205	MV-250	1	-38,39821195	-12,12617996	MV-250	1
-38,43582473	-12,13704205	MV-400	1	-38,42308798	-12,14605525	VS-250	1
-38,41235681	-12,15146078	VS-70	1	-38,40069956	-12,14824177	VS-250	1
-38,42319251	-12,13135244	VS-250	1	-38,45062169	-12,1549083	VS-70	1
-38,42248024	-12,13408431	MV-400	1	-38,43241642	-12,11760045	VS-250	1
-38,44456875	-12,15634097	VS-70	1	-38,43773315	-12,12761205	VS-250	1
-38,40924904	-12,12751324	MV-250	1	-38,4105906	-12,13448749	VS-70	1
-38,41704128	-12,15352515	MV-250	1	-38,51160322	-12,17784215	VS-70	1
-38,42000307	-12,1260037	VS-250	1	-38,42958465	-12,13726873	VS-250	1
-38,35247446	-12,08745184	VS-70	1	-38,321176456	-12,06672354	VS-70	1
-38,4171564	-12,11469369	MV-150	1	-38,42089644	-12,11588875	VS-70	1
-38,43248817	-12,13432471	VS-250	1	-38,40655443	-12,10133426	VS-70	1
-38,4424282	-12,11450381	VS-70	1	-38,4329793	-12,0420608	VS-70	1
-38,50732154	-12,17518051	VS-70	1	-38,42793984	-12,07477536	VS-70	1
-38,46528149	-12,14003211	MV-250	1	-38,39773977	-12,14891938	VS-70	1
-38,41059799	-12,15077011	VS-70	1	-38,44797608	-12,1559229	VS-70	1
-38,43073145	-12,11770376	MV-250	1	-38,44467996	-12,11547111	MV-250	1
-38,42169804	-12,15152518	VS-250	1	-38,44510511	-12,11476278	MV-250	1
-38,50138292	-12,24913155	VS-70	1	-38,44518029	-12,11390136	VS-250	1
-38,49325647	-12,17216869	VS-70	1	-38,44575188	-12,11283066	MV-250	1
-38,4170645	-12,24001627	VS-70	1	-38,44714227	-12,11371773	VS-250	1
-38,45517062	-12,22668658	VS-70	1	-38,43145886	-12,13186163	MV-250	1
-38,44614828	-12,15966755	VS-70	1	-38,40058429	-12,12715188	VS-70	1
-38,44561679	-12,15991989	MV-70	1	-38,40916007	-12,13133158	VS-250	1
-38,40509465	-12,13666191	MV-250	1	-38,30698128	-12,05921029	VS-70	1
-38,40509465	-12,13666191	VS-70	1	-38,27755651	-12,12157671	VS-70	1
-38,40509465	-12,13666191	MV-250	1	-38,27755651	-12,12157671	VS-70	1
-38,42096679	-12,1234634	VS-70	1	-38,44207372	-12,14403643	VS-70	1
-38,42096679	-12,1234634	VS-70	1	-38,42248748	-12,19560339	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,40220131	-12,13451351	VS-70	1	-38,41559207	-12,13466519	VS-70	1
-38,42172135	-12,14011028	MV-250	1	-38,40204796	-12,1188703	VS-70	1
-38,40060281	-12,20239145	VS-70	1	-38,33414094	-12,2166697	VS-70	1
-38,42734434	-12,07343692	VS-70	1	-38,41501801	-12,12375201	VS-70	1
-38,42734434	-12,07343692	MV-400	8	-38,44176059	-12,13339944	MV-250	1
-38,42349976	-12,12237533	VS-70	1	-38,45230981	-12,14343708	VS-70	1
-38,45976318	-12,14267713	MV-250	1	-38,425408	-12,14373524	VS-250	1
-38,42145787	-12,12670641	VS-70	1	-38,38398364	-12,10914901	MV-250	1
-38,413288	-12,14872848	VS-250	1	-38,45234951	-12,148054	VS-150	1
-38,39944066	-12,14332313	VS-70	1	-38,44370146	-12,12713211	VS-250	1
-38,42117474	-12,13127533	VS-250	2	-38,42226638	-12,12850703	VS-70	1
-38,42548139	-12,13173201	VS-250	1	-38,40341132	-12,13235358	VS-70	1
-38,44186774	-12,12383967	VS-150	1	-38,45039979	-12,1555955	VS-70	1
-38,4051397	-12,12447196	VS-70	1	-38,28796803	-12,11724007	VS-250	1
-38,42680027	-12,14178371	MV-250	1	-38,3673544	-12,18271646	VS-70	1
-38,44030156	-12,11008219	VS-70	1	-38,36219942	-12,18412808	VS-250	1
-38,40167425	-12,15114831	VS-70	1	-38,35243106	-12,19342459	VS-70	1
-38,43850144	-12,13517874	VS-70	1	-38,3624111	-12,18115473	VS-250	1
-38,43475805	-12,13765198	MV-250	1	-38,3624111	-12,18115473	MV-250	1
-38,46565649	-12,16011538	MV-250	1	-38,3624111	-12,18115473	VS-150	1
-38,44318813	-12,12764548	MV-150	1	-38,36008278	-12,18915135	VS-70	1
-38,44318813	-12,12764548	MV-250	1	-38,36788775	-12,18267141	MV-250	1
-38,41849476	-12,14130953	VS-250	1	-38,36788775	-12,18267141	MV-250	1
-38,28498143	-12,09926014	VS-150	1	-38,36366443	-12,18999806	VS-70	1
-38,51378309	-12,20117702	MV-250	1	-38,28043978	-12,10321848	MV-250	1
-38,51378309	-12,20117702	MV-250	1	-38,28043978	-12,10321848	VS-70	1
-38,50712313	-12,18765536	MV-250	1	-38,36746196	-12,18514007	VS-70	1
-38,4424648	-12,13308406	MV-250	1	-38,36125111	-12,18505801	VS-250	1
-38,40394493	-12,12496791	VS-70	1	-38,28122818	-12,09629017	VS-250	1
-38,41521309	-12,11329706	VS-70	1	-38,36482283	-12,16157653	VS-70	1
-38,41541037	-12,11283409	VS-70	1	-38,36199946	-12,17961641	VS-150	1
-38,41563639	-12,11227201	VS-70	1	-38,36252442	-12,18157804	VS-150	1
-38,48621301	-12,2285212	VS-70	1	-38,29050308	-12,11825667	VS-250	1
-38,41103448	-12,23000798	VS-70	1	-38,28578473	-12,10444344	VS-250	1
-38,40923042	-12,24584661	VS-70	1	-38,35738436	-12,19434968	MV-250	1
-38,41788451	-12,23852299	VS-70	1	-38,36145271	-12,18462641	MV-250	1
-38,48042293	-12,23876493	VS-70	1	-38,36260105	-12,19014631	VS-70	1
-38,41140805	-12,12533532	VS-70	1	-38,35962278	-12,18235138	MV-250	1
-38,40874968	-12,13714857	VS-250	1	-38,30534296	-12,11573671	VS-70	1
-38,42168642	-12,13092945	VS-250	1	-38,36086779	-12,18518302	MV-250	1
-38,43532805	-12,13927196	MV-250	1	-38,28665474	-12,0976735	VS-250	1
-38,46406806	-12,13955583	MV-70	1	-38,35887112	-12,18418638	VS-70	1
-38,46372619	-12,13959849	VS-70	1	-38,27949981	-12,1146867	VS-70	1
-38,43380976	-12,13409703	MV-250	1	-38,27949981	-12,1146867	MV-400	1
-38,41674971	-12,12088866	VS-250	1	-38,38934618	-12,15201838	MV-250	1
-38,41674971	-12,12088866	MV-250	1	-38,29445809	-12,0843018	VS-70	1
-38,40371632	-12,13553349	VS-70	1	-38,29445809	-12,0843018	VS-70	1
-38,44061415	-12,1516296	VS-70	1	-38,36064279	-12,18194305	MV-250	1
-38,44061415	-12,1516296	VS-250	1	-38,36116105	-12,1847381	MV-250	1
-38,44049739	-12,15381838	VS-70	1	-38,36116105	-12,1847381	VS-150	14
-38,41715466	-12,14691186	MV-250	1	-38,36195943	-12,18440807	MV-250	1
-38,41205041	-12,14671744	VS-70	1	-38,28610645	-12,09918684	MV-400	2
-38,40582787	-12,14546713	MV-250	1	-38,28610645	-12,09918684	VS-250	1
-38,41341466	-12,14505685	VS-250	1	-38,28610645	-12,09918684	LD-12	12
-38,41341466	-12,14505685	VS-250	1	-38,353606	-12,20170459	VS-70	1
-38,4157913	-12,15421511	VS-150	1	-38,36068774	-12,18986965	VS-70	1
-38,43237971	-12,137742	MV-250	1	-38,3570171	-12,19562125	VS-70	1
-38,42928147	-12,1183204	MV-250	1	-38,28460808	-12,10587344	VS-250	1
-38,42630044	-12,14804099	VS-250	1	-38,28209959	-12,0978867	VS-70	1
-38,36818957	-12,09052189	VS-70	1	-38,3057496	-12,11607501	MV-250	1
-38,40915922	-12,12763692	VS-70	1	-38,36171441	-12,18452471	VS-250	1
-38,38676286	-12,16141946	MV-400	1	-38,35184768	-12,19714297	VS-70	1
-38,38676286	-12,16141946	VS-70	1	-38,35155462	-12,08273695	VS-70	1
-38,42366301	-12,14430196	VS-250	1	-38,36627332	-12,12993242	VS-70	1
-38,42366301	-12,14430196	VS-250	1	-38,36185652	-12,09462753	VS-70	1
-38,44260098	-12,13522275	MV-250	1	-38,36472855	-12,04867074	VS-70	1
-38,4219814	-12,15403884	VS-70	1	-38,41176859	-12,17142492	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,43472503	-12,20247478	VS-70	1	-38,36495288	-12,09498686	VS-70	1
-38,43395835	-12,04786918	VS-70	1	-38,46228239	-12,22701065	VS-70	1
-38,4501331	-12,14427034	VS-70	1	-38,32612378	-12,10933236	VS-70	1
-38,3360911	-11,96905905	VS-70	1	-38,36537458	-12,09211524	VS-70	1
-38,39706126	-12,14927676	VS-70	1	-38,3627395	-12,09333026	VS-70	1
-38,43200976	-12,14389693	VS-70	1	-38,30038475	-12,04017704	VS-70	1
-38,41225299	-12,12206532	VS-70	1	-38,32772388	-12,11441629	VS-70	1
-38,41225299	-12,12206532	MV-250	1	-38,4214999	-12,16247301	VS-70	1
-38,39778351	-12,12856984	MV-250	1	-38,35340281	-12,08634024	VS-70	1
-38,39657917	-12,12926404	MV-250	1	-38,38118766	-12,10421595	VS-70	1
-38,39704392	-12,14182394	MV-400	1	-38,37179521	-12,14149474	VS-70	1
-38,40112082	-12,1288357	MV-250	1	-38,34978111	-12,08237352	VS-70	1
-38,40039099	-12,1296787	MV-250	2	-38,37582134	-12,0465522	VS-70	1
-38,4486734	-12,13977348	VS-70	1	-38,3697246	-12,04770383	VS-70	1
-38,4431394	-12,1542183	VS-70	1	-38,30126469	-12,04095368	VS-70	1
-38,41178304	-12,11395206	MV-250	1	-38,36449124	-12,09464023	VS-70	1
-38,43120146	-12,11797712	VS-250	1	-38,3598429	-12,05544705	VS-70	1
-38,41832377	-12,13810514	MV-400	1	-38,37819435	-12,1058134	VS-70	1
-38,39075746	-12,13175059	VS-70	1	-38,38733462	-12,11262354	VS-400	1
-38,4368114	-12,13852205	MV-250	1	-38,36538454	-12,09531187	VS-70	1
-38,40358589	-12,13888449	MV-250	1	-38,36136894	-12,09520832	VS-70	2
-38,41957061	-12,13015734	MV-250	1	-38,37337871	-12,10459826	VS-150	1
-38,41058822	-12,12464712	MV-250	1	-38,37291661	-12,11066464	VS-70	1
-38,4242461	-12,25507785	VS-70	1	-38,3704139	-12,13908337	VS-70	1
-38,4401553	-11,93363184	VS-70	1	-38,39042296	-12,13040349	VS-70	1
-38,44058773	-12,1350135	VS-250	1	-38,41361527	-12,16703194	VS-70	1
-38,42810902	-12,13382974	VS-250	1	-38,41565625	-12,1628618	MV-250	1
-38,43412976	-12,12876373	MV-250	1	-38,43235642	-12,11911706	MV-250	1
-38,41607803	-12,11847705	VS-70	1	-38,40388128	-12,13023692	VS-150	1
-38,4053913	-12,12555531	MV-250	1	-38,2816065	-12,10309513	VS-70	1
-38,44364477	-12,14264704	VS-70	1	-38,41424735	-12,11098691	VS-70	1
-38,41226053	-12,12531983	VS-70	1	-38,41330168	-11,97773122	VS-70	1
-38,43223314	-12,12990875	VS-250	1	-38,43101474	-12,13748534	MV-250	1
-38,40970302	-12,13580519	MV-250	1	-38,42833643	-12,13115531	VS-250	1
-38,44094387	-12,13180465	VS-70	1	-38,41733775	-12,23952462	VS-70	1
-38,44118815	-12,12896212	VS-70	1	-38,41368302	-12,14136025	VS-150	1
-38,44016982	-12,12158377	VS-70	1	-38,41368302	-12,14136025	MV-250	1
-38,41415464	-12,15153513	VS-250	1	-38,41368302	-12,14136025	MV-400	1
-38,38194492	-12,1047382	VS-70	1	-38,40676311	-12,12259007	VS-70	1
-38,42332467	-12,14361359	MV-250	1	-38,39943741	-12,05168477	VS-70	1
-38,41695638	-12,12934364	VS-70	1	-38,39975556	-12,13900326	VS-150	1
-38,41043704	-12,13425314	VS-70	1	-38,4439077	-12,15715231	VS-70	1
-38,43002645	-12,11667542	MV-250	1	-38,44615195	-12,1578672	VS-70	1
-38,41707792	-12,11918156	VS-70	1	-38,44522006	-12,15715919	VS-70	1
-38,43972832	-12,15211017	VS-70	1	-38,44557118	-12,15734724	VS-70	1
-38,44143938	-12,15337293	VS-70	1	-38,41421929	-12,13153533	MV-250	1
-38,44190391	-12,15408403	VS-70	1	-38,41408264	-12,12972969	VS-250	1
-38,43993911	-12,15281692	VS-70	1	-38,44860311	-12,14325208	VS-70	1
-38,40521896	-12,12231067	VS-70	1	-38,42205304	-12,1274453	VS-70	2
-38,30555464	-12,05760863	VS-70	1	-38,43920145	-12,1430216	MV-250	1
-38,40098916	-12,13410119	VS-70	1	-38,43283784	-12,13065804	VS-70	1
-38,42060635	-12,12887535	VS-70	1	-38,41812628	-12,17768667	VS-70	15
-38,4210054	-12,12190456	VS-70	1	-38,41812628	-12,17768667	VS-70	4
-38,42687429	-12,12521317	VS-70	1	-38,41812628	-12,17768667	VS-250	1
-38,50152299	-12,22066682	VS-70	2	-38,41812628	-12,17768667	LD-100	1
-38,44796139	-12,15443193	VS-70	1	-38,4037565	-12,15267454	VS-70	1
-38,43177799	-12,15006022	VS-70	1	-38,4095513	-12,13953191	VS-250	1
-38,45365727	-12,16148403	VS-70	1	-38,4095513	-12,13953191	VS-250	1
-38,401998	-12,13412524	VS-70	1	-38,424978	-12,14275195	VS-250	1
-38,40580169	-11,93753149	VS-70	1	-38,42313631	-12,14708686	VS-250	1
-38,40116413	-12,13870764	MV-250	1	-38,39777345	-12,1309687	MV-250	1
-38,40116413	-12,13870764	VS-70	1	-38,41550128	-12,15493351	VS-150	1
-38,36559331	-12,13635918	VS-70	1	-38,44514256	-12,13808784	MV-250	1
-38,43880806	-12,13639207	MV-250	1	-38,3772143	-12,13426223	VS-70	1
-38,39959577	-12,12987787	MV-250	1	-38,43089972	-12,14406025	VS-250	1
-38,39763959	-12,1496618	VS-70	1	-38,42456804	-12,13385864	VS-250	1
-38,41624139	-12,1292303	VS-70	1	-38,44177145	-12,13971371	VS-150	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,41298551	-12,15086937	VS-70	1	-38,42013974	-12,121507	MV-250	1
-38,40096459	-12,14136853	VS-70	1	-38,42009006	-12,0046727	VS-70	1
-38,34951101	-12,20996785	VS-70	1	-38,49144764	-12,20669972	VS-70	1
-38,42723288	-12,22598645	VS-70	1	-38,41565111	-12,11421906	VS-70	1
-38,4971363	-12,25034987	VS-70	1	-38,41565111	-12,11421906	MV-250	1
-38,49768814	-12,17323585	VS-70	1	-38,43993822	-12,1104805	VS-70	1
-38,49787752	-12,17367141	VS-70	1	-38,43880984	-12,11190548	MV-250	1
-38,42466655	-12,07932726	VS-70	1	-38,39071786	-12,15119835	MV-250	1
-38,44542817	-12,13508876	MV-250	1	-38,31439305	-12,07064324	VS-70	1
-38,41008797	-12,13759852	VS-250	1	-38,36396429	-12,16536875	VS-70	1
-38,4047221	-12,12343232	VS-70	1	-38,36311773	-12,16207255	VS-70	1
-38,40042843	-12,12380466	MV-250	1	-38,36311773	-12,16207255	FL-30	1
-38,44665995	-12,14007323	VS-70	1	-38,36383672	-12,165082	VS-70	1
-38,42234879	-12,1338906	MV-400	1	-38,32627801	-12,16947165	VS-70	1
-38,39137415	-12,12194638	VS-70	1	-38,36609569	-12,15559459	VS-70	1
-38,43027974	-12,12410372	VS-70	1	-38,36733798	-12,17259348	VS-70	1
-38,43027974	-12,12410372	VS-400	1	-38,36413562	-12,16495524	VS-70	1
-38,42500323	-12,08347226	VS-70	1	-38,32636772	-12,16837309	VS-70	1
-38,42500323	-12,08347226	VS-250	1	-38,36924297	-12,17107998	VS-70	1
-38,43375982	-12,11877541	MV-250	1	-38,30936632	-12,06131695	VS-70	1
-38,43644672	-12,04414426	VS-70	1	-38,35733089	-12,16868179	VS-70	1
-38,49934294	-12,24944658	VS-70	1	-38,38975788	-12,15179836	MV-250	1
-38,42146909	-12,11819662	VS-70	1	-38,43477958	-12,22183815	VS-70	1
-38,46680263	-12,24758347	VS-70	1	-38,31175005	-12,06958436	VS-70	1
-38,40746299	-12,14075023	MV-250	1	-38,36482117	-12,16121987	VS-70	1
-38,40067616	-12,20297979	VS-70	1	-38,34107772	-12,16161142	VS-70	2
-38,41333961	-12,15318516	MV-250	1	-38,32694775	-12,17029302	VS-70	1
-38,41333961	-12,15318516	VS-70	1	-38,3153162	-12,0712002	VS-70	1
-38,42578113	-12,25380457	VS-70	1	-38,34168442	-12,16065481	VS-70	1
-38,46011815	-12,14256044	MV-250	1	-38,31727457	-12,07198687	VS-250	1
-38,46011815	-12,14256044	MV-250	1	-38,36789212	-12,16333453	VS-70	1
-38,43005145	-12,13025532	VS-250	4	-38,37931621	-12,14776005	VS-70	1
-38,43005145	-12,13025532	VS-250	1	-38,33848434	-12,16370137	VS-70	1
-38,43396815	-12,11764436	VS-250	1	-38,30617296	-12,05796029	VS-70	1
-38,41940131	-12,14831518	MV-250	1	-38,31756957	-12,07215687	VS-250	1
-38,43031358	-12,05369088	VS-70	1	-38,31414884	-12,07106423	VS-70	1
-38,4177397	-12,13241531	VS-250	1	-38,39279307	-12,15380343	VS-70	1
-38,39903989	-12,13005695	MV-250	1	-38,43506447	-12,2322481	VS-70	1
-38,29104139	-12,11830504	VS-70	1	-38,36613779	-12,16106128	VS-70	2
-38,49444463	-12,25542487	VS-70	1	-38,36919933	-12,16943106	VS-70	1
-38,43386639	-12,13661698	MV-250	1	-38,31422568	-12,07148045	VS-70	1
-38,41798807	-12,12749363	VS-250	1	-38,36952292	-12,16927032	VS-70	1
-38,41798807	-12,12749363	VS-70	1	-38,38954668	-12,1519143	MV-250	1
-38,40994461	-12,13958684	MV-250	1	-38,3645746	-12,15678476	VS-70	1
-38,51451141	-12,20470361	MV-250	1	-38,43425118	-12,22128812	VS-70	1
-38,50568978	-12,18591873	MV-250	1	-38,31089366	-12,07436974	VS-70	1
-38,40762785	-12,19951982	VS-70	1	-38,36313991	-12,16532963	VS-70	1
-38,4153176	-12,14827396	VS-250	1	-38,30986269	-12,06224438	VS-70	1
-38,39804437	-12,13345155	VS-70	1	-38,30325467	-12,0555753	VS-70	1
-38,39826129	-12,13273186	VS-70	1	-38,31243089	-12,06994026	VS-70	1
-38,39830793	-12,13248351	VS-70	1	-38,32589271	-12,16973641	MV-250	1
-38,41751283	-12,21079147	VS-70	1	-38,32589271	-12,16973641	MV-250	1
-38,41751283	-12,21079147	VS-250	1	-38,39166407	-12,15453394	VS-70	1
-38,45439648	-12,14282039	VS-70	1	-38,38677455	-12,15351	MV-250	1
-38,42998972	-12,1334487	VS-250	1	-38,36517325	-12,15807324	VS-70	1
-38,40938634	-12,13742521	VS-250	1	-38,44037594	-12,1403504	VS-70	1
-38,40527961	-12,14598518	VS-70	1	-38,40141774	-12,12728856	VM-250	1
-38,42411113	-12,25286292	VS-70	1	-38,40141774	-12,12728856	VS-150	1
-38,40334798	-12,13701517	MV-250	1	-38,42380298	-12,12061995	VS-70	1
-38,42884137	-12,15174185	VS-250	1	-38,41291451	-12,23333796	VS-70	1
-38,43051143	-12,13590866	VS-250	1	-38,41291451	-12,23333796	VS-250	1
-38,44100655	-12,11417049	VS-70	1	-38,4151879	-12,1994682	VS-70	1
-38,4417164	-12,14005206	VS-150	1	-38,40334294	-12,14341186	VS-250	1
-38,44282431	-12,11058924	MV-150	1	-38,46713395	-12,25033443	VS-70	2
-38,44173149	-12,10847555	VS-70	1	-38,41384969	-12,14899521	VS-250	1
-38,42844117	-12,22728646	VS-70	1	-38,43773315	-12,12761205	VS-250	1
-38,42246625	-12,13388183	MV-400	1	-38,43773315	-12,12761205	VS-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,41971738	-12,14926107	MV-250	1	-38,43821971	-12,13973531	VS-250	1
-38,40047213	-12,14226011	VS-70	1	-38,4133196	-12,16469172	MV-250	1
-38,41123976	-12,11234201	VS-70	1	-38,41597736	-12,13800523	MV-400	1
-38,4229989	-12,12360955	VS-70	1	-38,40384302	-12,13252692	MV-250	1
-38,45685969	-12,15167329	VS-70	1	-38,41796052	-12,1241668	VS-70	1
-38,52563981	-12,18643554	VS-70	1	-38,41265623	-12,14738004	MV-250	1
-38,45402982	-12,15267864	VS-70	1	-38,40374834	-11,93711478	VS-70	1
-38,43243971	-12,14883529	VS-70	1	-38,32794277	-12,17183133	VS-70	1
-38,41199802	-12,11423703	MV-250	1	-38,44437413	-12,14680609	VS-70	1
-38,42526702	-12,12741129	VS-150	1	-38,42766136	-12,14127198	MV-250	1
-38,42289303	-12,13969864	VS-400	1	-38,43323303	-12,14800529	VS-250	1
-38,4122713	-12,13196196	MV-250	1	-38,41656467	-12,15334519	VS-70	1
-38,39633627	-12,14328348	VS-70	1	-38,46959648	-12,14841207	VS-70	1
-38,36854447	-12,13521673	VS-70	1	-38,40379297	-12,14374512	MV-250	1
-38,41942476	-12,12793867	MV-250	1	-38,45281953	-12,15290485	VS-70	1
-38,41378312	-12,12163849	VS-70	1	-38,43859647	-12,12764546	VS-150	1
-38,42946971	-12,13052368	MV-250	1	-38,42156513	-12,12674698	VS-70	1
-38,42946971	-12,13052368	VS-250	1	-38,43043885	-12,13661798	MV-250	1
-38,41926465	-12,13985856	VS-250	1	-38,41249527	-12,14340805	VS-250	1
-38,43141175	-12,00418278	VS-70	1	-38,40167896	-12,12609697	VS-250	1
-38,41084293	-12,14928186	VS-400	1	-38,44661181	-12,00860117	VS-70	1
-38,41084293	-12,14928186	MV-250	1	-38,41390282	-12,12024112	VS-70	1
-38,40728144	-12,13498676	VS-250	1	-38,44197983	-12,13441702	MV-250	1
-38,45532143	-12,15231868	VS-70	1	-38,42215996	-12,14218478	MV-400	1
-38,43540812	-12,13206539	VS-250	1	-38,42069304	-12,13287863	VS-250	1
-38,41772634	-12,12890695	VS-70	1	-38,48908959	-12,23405331	VS-70	1
-38,41392094	-12,14824482	VS-70	1	-38,44219638	-12,14507199	MV-250	1
-38,44030627	-12,15004171	VS-70	1	-38,44219638	-12,14507199	MV-250	4
-38,44004634	-12,152268	VS-70	1	-38,40361629	-12,13769351	MV-250	1
-38,44004634	-12,152268	VS-250	1	-38,4318998	-12,12739706	MV-250	1
-38,4405999	-12,15576697	MV-250	1	-38,4318998	-12,12739706	VS-70	1
-38,4405999	-12,15576697	VS-70	1	-38,4318998	-12,12739706	VS-70	1
-38,41548845	-12,13812202	MV-400	1	-38,43197309	-12,14145866	MV-250	1
-38,44417271	-12,12325588	MV-250	1	-38,44307308	-12,14562871	MV-250	1
-38,29642121	-11,96216268	VS-70	1	-38,40284327	-12,14168699	MV-250	1
-38,41332299	-12,12954029	VS-250	1	-38,44205981	-12,12757374	VS-150	1
-38,41243128	-12,14839184	VS-250	1	-38,41209597	-12,11257914	VS-70	1
-38,39753623	-12,14567346	VS-70	1	-38,42925144	-12,13187368	VS-70	1
-38,39753623	-12,14567346	VS-70	1	-38,41230136	-12,13886693	VS-250	1
-38,44307723	-12,13283294	MV-250	1	-38,414733	-12,13127858	VS-250	1
-38,34384268	-12,21092614	VS-70	1	-38,40667591	-12,21291599	VS-70	1
-38,41813641	-12,11713374	VS-70	1	-38,50599915	-12,18314389	VS-70	1
-38,28176151	-12,10224011	VS-70	1	-38,44742281	-12,26150794	VS-70	1
-38,41113127	-12,15023353	MV-250	1	-38,39614171	-12,13042687	MV-250	1
-38,42622307	-12,13028533	VS-250	1	-38,47633452	-12,27820627	VS-70	1
-38,42622307	-12,13028533	VS-150	1	-38,3891313	-12,11521356	VS-70	1
-38,43399242	-12,13798957	VS-250	1	-38,39476301	-12,11474694	VS-70	1
-38,43579142	-12,14536526	VS-400	1	-38,42042324	-12,14450717	VS-70	1
-38,39033032	-12,15625416	VS-150	1	-38,42042324	-12,14450717	MV-250	1
-38,46306008	-12,14091105	MV-250	1	-38,43777892	-12,21210087	VS-70	1
-38,41439463	-12,14069354	VS-250	1	-38,42912245	-12,20871009	VS-70	1
-38,41439463	-12,14069354	MV-250	1	-38,41495931	-12,14688528	MV-250	4
-38,39222625	-12,12130855	MV-250	1	-38,41495931	-12,14688528	VS-70	2
-38,38777118	-12,15378301	VS-150	1	-38,41495931	-12,14688528	MV-250	1
-38,38752711	-12,154355	VS-150	1	-38,38233477	-12,1065081	VS-70	1
-38,38850106	-12,15327126	VS-150	1	-38,46702432	-12,24880061	VS-70	1
-38,45742395	-12,15625128	VS-70	1	-38,40890891	-12,11896451	VS-70	1
-38,41584936	-12,14030186	VS-250	1	-38,42855141	-12,13300369	VS-250	2
-38,43062974	-12,14409865	VS-250	1	-38,40267237	-12,12892195	VM-400	1
-38,38814951	-12,11363704	MV-250	1	-38,40267237	-12,12892195	VS-70	1
-38,41264958	-12,19994488	VS-70	1	-38,40218878	-12,12694256	VM-400	1
-38,430768	-12,15323692	VS-250	1	-38,40218878	-12,12694256	VS-70	1
-38,430768	-12,15323692	VS-250	6	-38,4006615	-12,12809692	VS-70	1
-38,41431752	-12,14528423	VS-70	1	-38,43697811	-12,13576367	MV-250	1
-38,45446809	-12,15555199	VS-70	1	-38,41809094	-12,14495249	MV-250	1
-38,43851505	-12,13200304	VS-70	1	-38,4163561	-12,13862777	MV-400	1
-38,41791143	-12,11875706	VS-70	1	-38,42952055	-12,21406429	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,42665637	-12,14016527	VS-250	1	-38,42952055	-12,21406429	MV-250	1
-38,43250308	-12,14175031	MV-250	1	-38,42682802	-12,15443858	VS-70	1
-38,43144119	-12,13590784	VS-250	1	-38,43814309	-12,12703706	VS-70	1
-38,42370802	-12,14981521	MV-250	1	-38,50224629	-12,24756659	VS-70	1
-38,41177078	-12,12537722	VS-70	1	-38,40791074	-12,1351818	VS-250	1
-38,41348802	-12,12435198	VS-70	1	-38,41403637	-12,10916704	MV-250	2
-38,3986452	-12,00309798	VS-70	1	-38,41403637	-12,10916704	VS-70	1
-38,43064139	-12,14582524	MV-250	2	-38,40958132	-12,13520692	VS-70	1
-38,43343002	-12,04811581	VS-70	1	-38,45361713	-11,93562361	VS-70	1
-38,41065143	-12,1312149	MV-250	1	-38,47983628	-12,23701824	VS-70	1
-38,40659732	-12,12478147	MV-250	1	-38,41405269	-12,13859185	MV-250	1
-38,43710476	-12,14234363	VS-250	1	-38,41313967	-12,13696688	VS-250	1
-38,42773477	-12,12539598	VS-70	1	-38,43787974	-12,13576039	MV-250	1
-38,41040382	-12,21140303	VS-70	1	-38,44039498	-12,15429505	VS-70	1
-38,44336649	-12,12955208	VS-250	1	-38,33510941	-12,16746972	VS-70	1
-38,43529651	-12,11874383	VS-250	1	-38,50307306	-12,21306016	VS-70	1
-38,40148933	-12,13321458	VS-70	1	-38,4043428	-12,12516652	VS-70	1
-38,37982283	-12,14756332	VS-70	1	-38,40123274	-12,22919128	VS-70	1
-38,43692811	-12,12490705	VS-70	1	-38,41745477	-12,0997971	MV-250	1
-38,44276152	-12,11322883	VS-70	1	-38,43089353	-12,12427232	VS-250	1
-38,38546822	-12,15881797	VS-70	1	-38,46209403	-12,24966324	VS-70	2
-38,38652171	-12,16092652	VS-70	1	-38,4515149	-12,23252689	VS-70	1
-38,42618999	-12,13438765	VS-250	1	-38,39836136	-12,12906879	MV-250	1
-38,45162056	-12,1604337	VS-250	1	-38,43136806	-12,14848528	VS-250	1
-38,45162056	-12,1604337	MV-250	1	-38,44056483	-12,12241547	VS-250	1
-38,44191653	-12,11506722	VS-70	1	-38,44056483	-12,12241547	VS-70	1
-38,3988978	-12,14200752	MV-400	1	-38,44204483	-12,12914376	VS-150	1
-38,3988978	-12,14200752	MV-250	1	-38,4440777	-12,1535193	VS-70	1
-38,3988978	-12,14200752	VS-70	1	-38,44427299	-12,15252936	VS-70	1
-38,39727961	-12,15199507	VS-70	1	-38,42549805	-12,1412386	MV-250	1
-38,40174949	-12,15567521	VS-70	1	-38,44285311	-12,14942699	MV-250	1
-38,4324397	-12,12231087	VS-250	1	-38,44712979	-12,1425337	VS-70	1
-38,46958154	-12,14056046	VS-70	1	-38,4292665	-12,10058885	VS-70	1
-38,4665432	-12,1432521	VS-70	1	-38,43070411	-12,12452589	VS-250	1
-38,42308838	-12,00428937	VS-70	1	-38,39951833	-12,1409117	VS-70	1
-38,43399805	-12,14273867	VS-250	1	-38,39951833	-12,1409117	MV-250	1
-38,35708937	-12,20379461	VS-70	1	-38,40059953	-12,20754142	VS-70	1
-38,4111165	-12,13427261	VS-70	1	-38,43157981	-12,11591377	MV-250	1
-38,41218972	-12,12736029	VS-70	1	-38,3955985	-12,11541136	VS-250	1
-38,44137811	-12,12885543	VS-70	1	-38,3955985	-12,11541136	VS-70	1
-38,40357632	-12,12077696	VS-70	1	-38,40742301	-12,13629851	VS-250	1
-38,40357632	-12,12077696	MV-250	3	-38,40505621	-12,22072114	VS-70	1
-38,42376475	-12,12194536	VS-70	1	-38,39920784	-12,1399861	VS-70	1
-38,41170809	-12,1110304	VS-70	1	-38,46773131	-12,20860852	VS-70	1
-38,43632807	-12,1299321	VS-70	1	-38,4753782	-12,14459049	VS-70	1
-38,43632807	-12,1299321	VS-250	1	-38,4007862	-12,20684139	VS-70	1
-38,39233094	-12,14220496	MV-250	1	-38,40281727	-12,12743557	VS-70	1
-38,41054614	-12,24244461	VS-70	1	-38,41600828	-12,11707885	VS-70	1
-38,43274306	-12,1467069	VS-250	1	-38,40862304	-12,11044872	VS-70	1
-38,40168793	-12,13409683	VS-70	1	-38,43697146	-12,1229571	VS-70	1
-38,42047309	-12,12500534	VS-70	1	-38,437509	-12,1430879	VS-400	1
-38,4294564	-12,13247871	MV-250	1	-38,42312478	-12,121732	VS-70	1
-38,42161881	-12,14150743	VS-250	1	-38,41137803	-12,13632188	VS-250	1
-38,42232644	-12,12462706	VS-70	1	-38,40483297	-12,14382184	MV-250	1
-38,49395814	-12,17217211	VS-70	1	-38,42307635	-12,1390869	VS-250	1
-38,4862381	-12,22807474	MV-250	1	-38,41661157	-12,14593459	MV-250	1
-38,4862381	-12,22807474	VS-70	1	-38,42990975	-12,11593215	MV-250	1
-38,39087276	-12,13945694	VS-250	1	-38,44269483	-12,11416889	VS-70	1
-38,4134121	-12,12330034	MV-400	1	-38,34478109	-12,16504142	VS-70	1
-38,4134121	-12,12330034	VS-70	1	-38,48884984	-12,17784537	MV-250	1
-38,4546121	-12,15084371	VS-70	1	-38,43835578	-12,14252694	VS-250	1
-38,44646878	-12,1437262	VS-70	1	-38,4420331	-12,1458837	MV-250	1
-38,43539114	-12,12953601	VS-250	1	-38,43815809	-12,12851708	VS-150	2
-38,43539114	-12,12953601	VS-70	1	-38,44529982	-12,1343837	MV-250	1
-38,4280864	-12,1370386	VS-250	1	-38,41288965	-12,14508687	VS-250	1
-38,46052569	-12,26344957	VS-70	1	-38,47883937	-12,23351188	VS-70	1
-38,42201808	-12,12641531	VS-70	1	-38,49126289	-12,25016317	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,43440479	-12,13009535	VS-250	1	-38,44963315	-12,1445054	VS-70	1
-38,43440479	-12,13009535	VS-70	1	-38,45414912	-12,15641218	VS-70	1
-38,3514577	-12,19572291	VS-70	1	-38,42959811	-12,13575036	VS-250	1
-38,40177465	-12,14335019	VS-70	1	-38,41334582	-12,11706993	MV-250	2
-38,48224737	-12,20552958	VS-70	1	-38,40728633	-12,14187522	MV-250	1
-38,45689644	-12,14378705	MV-250	1	-38,3888512	-12,15226339	MV-250	1
-38,41433632	-12,14273858	VS-250	1	-38,43833808	-12,13422372	MV-250	1
-38,40563961	-12,14406685	MV-250	1	-38,44217644	-12,13805537	VS-150	1
-38,45006976	-12,15446862	VS-70	1	-38,44217644	-12,13805537	MV-250	1
-38,40118137	-12,11779359	VS-70	1	-38,46665315	-12,14022713	VS-70	1
-38,40351132	-12,13072019	MV-250	1	-38,41688831	-12,1446512	VS-250	1
-38,44232151	-12,13904844	VS-150	1	-38,40941105	-12,12540474	VS-70	1
-38,36270954	-12,12921501	VS-70	1	-38,48838314	-12,17726536	MV-250	1
-38,47550794	-12,24007817	VS-70	1	-38,50470038	-12,26378018	VS-70	1
-38,43519149	-12,13777366	MV-250	1	-38,44350575	-12,12624898	VS-150	1
-38,42656469	-12,14401524	VS-250	1	-38,44350575	-12,12624898	VS-250	1
-38,45496648	-12,14259542	VS-70	1	-38,4150248	-12,14714656	VS-70	1
-38,42310668	-12,13584195	MV-400	1	-38,39817977	-12,19922841	VS-70	1
-38,42310668	-12,13584195	VS-400	1	-38,504413	-12,22864842	VS-70	1
-38,43793811	-12,1458786	MV-250	1	-38,43482985	-12,04041174	VS-70	1
-38,44196146	-12,14491704	MV-250	1	-38,41109134	-12,12681697	VS-70	1
-38,32568777	-12,18153633	VS-70	1	-38,44719114	-12,11272896	MV-250	1
-38,32847769	-12,18021795	VS-70	1	-38,44606063	-12,11162866	MV-250	1
-38,40732631	-12,12703025	MV-250	1	-38,46409651	-12,1396805	VS-70	1
-38,40732631	-12,12703025	MV-250	2	-38,46656984	-12,13542379	VS-70	1
-38,40145449	-12,12258402	MV-250	1	-38,50625801	-12,26027642	VS-70	1
-38,41534483	-12,11188269	VS-70	1	-38,43045809	-12,14519865	VS-250	1
-38,41879475	-12,12402703	MV-150	1	-38,43937643	-12,1340737	VS-70	2
-38,4331231	-12,13606369	VS-250	1	-38,44392315	-12,13328706	MV-250	1
-38,44297816	-12,11249165	VS-150	1	-38,41598278	-12,22742238	VS-70	1
-38,44204356	-12,11081555	VS-150	1	-38,43107967	-12,15184192	VS-250	2
-38,44519649	-12,13401207	MV-250	1	-38,47137982	-12,14726208	VS-70	1
-38,41277963	-12,1460052	VS-250	1	-38,40917521	-12,13521122	VS-70	1
-38,44811358	-12,13947354	VS-70	1	-38,41510471	-12,13453665	MV-250	1
-38,408668	-12,14406353	MV-400	1	-38,37623049	-11,95978375	VS-70	2
-38,408668	-12,14406353	VS-70	1	-38,38872966	-12,1121012	VS-250	1
-38,40114613	-12,1979048	MV-400	1	-38,46321172	-12,24057513	VS-70	2
-38,3708444	-12,18526644	MV-400	1	-38,45418311	-12,15631196	VS-70	1
-38,3708444	-12,18526644	VS-250	1	-38,41723467	-12,14526023	MV-250	1
-38,41945973	-12,11220537	VS-70	1	-38,42401468	-12,1489552	VS-250	1
-38,44449069	-12,12351129	VS-70	1	-38,4348164	-12,14463528	VS-250	1
-38,44485707	-12,1233275	VS-70	1	-38,4348164	-12,14463528	MV-400	1
-38,48278067	-12,22906667	VS-70	1	-38,39136629	-12,12261192	VS-70	1
-38,41912502	-12,19363808	VS-70	1	-38,41017963	-12,1521635	MV-250	1
-38,40267293	-12,13288352	MV-400	1	-38,45272314	-12,15420201	VS-250	1
-38,40267293	-12,13288352	LD-100	1	-38,40211627	-12,13481355	MV-250	1
-38,41673964	-12,15519349	MV-250	1	-38,40211627	-12,13481355	VS-70	1
-38,41432461	-12,1459052	VS-70	1	-38,41414133	-12,13878194	MV-400	1
-38,41087131	-12,12725833	VS-250	1	-38,43715641	-12,14505878	VS-70	1
-38,39965394	-12,13957397	VS-70	1	-38,47570274	-12,13958731	VS-70	1
-38,42841148	-12,13572944	MV-400	3	-38,3115729	-12,06710443	VS-70	1
-38,42841148	-12,13572944	MV-400	1	-38,44436683	-12,15824926	MV-400	1
-38,42841148	-12,13572944	MV-250	1	-38,44436683	-12,15824926	VS-70	1
-38,42841148	-12,13572944	VS-250	1	-38,44685888	-12,15640674	VS-70	1
-38,4262739	-12,12596551	VS-70	1	-38,43084154	-12,13630019	VS-250	1
-38,28509308	-12,10908177	VS-70	1	-38,41479637	-12,12430033	MV-250	1
-38,41177464	-12,14680522	VS-250	1	-38,37900618	-12,13451841	VS-70	1
-38,41177464	-12,14680522	VS-250	5	-38,40104193	-12,20433166	VS-70	1
-38,41177464	-12,14680522	VS-250	1	-38,40403497	-12,20597587	VS-70	1
-38,44116973	-12,1374459	VS-250	1	-38,42247577	-12,13145195	VS-250	1
-38,43637495	-12,12090836	MV-150	1	-38,48793647	-12,17677371	MV-250	1
-38,39532957	-12,10371625	VS-70	1	-38,45619029	-12,15343596	MV-250	1
-38,39532957	-12,10371625	MV-250	1	-38,45619029	-12,15343596	VS-70	1
-38,44387648	-12,12727879	VS-250	1	-38,42622719	-12,13450142	VS-250	1
-38,42995972	-12,13924863	MV-250	1	-38,42622719	-12,13450142	VS-250	1
-38,43105814	-12,11712374	MV-250	1	-38,41644138	-12,11702371	VS-70	1
-38,42985568	-12,14712286	MV-250	1	-38,44172141	-12,1464503	MV-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,42935448	-12,14375205	VS-250	1	-38,42463154	-12,13907253	MV-150	8
-38,33372437	-12,21480338	VS-70	1	-38,42463154	-12,13907253	LD-24	10
-38,49528807	-12,21224683	VS-70	1	-38,42463154	-12,13907253	VS-400	1
-38,42593974	-12,13453697	VS-250	1	-38,4036296	-12,14628182	MV-250	1
-38,41583134	-12,12372697	VS-250	1	-38,4036296	-12,14628182	MV-250	2
-38,40731409	-12,13772209	MV-250	1	-38,4036296	-12,14628182	VS-400	2
-38,41224296	-12,15392846	VS-70	1	-38,46877823	-12,14061213	VS-70	1
-38,44110314	-12,14074369	MV-250	1	-38,43679305	-12,14219535	VS-250	1
-38,44419309	-12,13533043	VS-250	1	-38,44436706	-12,13373971	MV-250	1
-38,39976639	-12,14158139	VS-150	1	-38,42305472	-12,13519196	MV-400	1
-38,42031965	-12,14332779	MV-250	1	-38,42499637	-12,14594355	MV-400	2
-38,42031965	-12,14332779	MV-250	1	-38,45267359	-12,16094175	VS-70	1
-38,42322364	-12,15100485	MV-250	1	-38,43557143	-12,12462373	MV-250	1
-38,4410531	-12,14527862	VS-150	1	-38,42971137	-12,13511369	MV-250	1
-38,41824138	-12,13156866	MV-250	1	-38,41618474	-12,14301143	MV-250	1
-38,42151913	-12,11619298	VS-70	1	-38,42882655	-12,08082901	VS-70	1
-38,40903759	-12,21403911	VS-70	1	-38,32715944	-12,17326465	VS-70	1
-38,4429141	-12,1328953	MV-250	1	-38,32715944	-12,17326465	VS-250	1
-38,4425548	-12,13254539	MV-250	1	-38,34563433	-12,21341281	VS-70	1
-38,44149238	-12,1338302	MV-250	1	-38,52841126	-12,18182079	VS-70	1
-38,38819235	-12,15570102	VS-150	1	-38,4234924	-12,1503582	VS-250	1
-38,38755032	-12,1539473	VS-150	1	-38,44600483	-12,12734875	VS-70	2
-38,43154806	-12,14395361	VS-250	1	-38,44600483	-12,12734875	VS-150	1
-38,45705608	-12,15439143	MV-70	1	-38,44426982	-12,12861709	VS-250	1
-38,44176983	-12,13000377	MV-250	1	-38,44413645	-12,12829039	MV-250	1
-38,38685705	-12,15443118	VS-150	1	-38,4438681	-12,1282354	VS-250	1
-38,42467801	-12,13820364	VS-400	2	-38,4138162	-12,2091548	VS-70	1
-38,41713138	-12,11841369	VS-150	1	-38,39879625	-12,13314016	MV-400	1
-38,41771142	-12,11886207	VS-70	1	-38,39879625	-12,13314016	VS-250	1
-38,43277836	-12,13957217	VS-250	1	-38,39904964	-12,13292185	MV-250	1
-38,39978531	-12,14288196	VS-70	1	-38,42211057	-12,15378577	VS-70	1
-38,4313531	-12,12777655	VS-250	1	-38,44340392	-12,11072731	VM-250	1
-38,41595615	-12,14319307	MV-250	1	-38,44315257	-12,10983327	VS-150	1
-38,40878469	-12,10974869	VS-70	1	-38,43274139	-12,14472694	VS-250	1
-38,40875184	-11,96937245	VS-70	1	-38,41358465	-12,14417522	VS-250	1
-38,39775962	-12,15329677	VS-70	1	-38,42079474	-12,1376245	MV-400	1
-38,39775962	-12,15329677	VS-70	1	-38,40326281	-12,20103312	VS-70	1
-38,43997317	-12,1220855	VS-150	1	-38,38657633	-12,11697683	VS-70	1
-38,4329231	-12,1185171	VS-250	1	-38,41231305	-12,12855697	VS-70	1
-38,42567516	-12,1353265	VS-70	1	-38,38630042	-12,11678358	VS-70	1
-38,39725129	-12,13435014	VS-70	1	-38,41919968	-12,13155859	MV-250	1
-38,37797297	-12,1028919	VS-70	1	-38,42804643	-12,11837209	MV-250	1
-38,43788974	-12,13887699	MV-250	1	-38,40629023	-12,14678818	VS-250	1
-38,4106963	-12,13567022	MV-250	1	-38,41848137	-12,121692	VS-70	1
-38,4106963	-12,13567022	VS-70	1	-38,43838084	-12,17390033	VS-70	1
-38,34643004	-12,16374884	VS-70	1	-38,45544976	-12,15529702	MV-250	1
-38,50285131	-12,24566331	VS-70	1	-38,43784646	-12,139737	MV-250	1
-38,43451757	-12,133098	VS-70	1	-38,403623	-12,12380024	VS-150	1
-38,41060118	-12,21923306	VS-70	1	-38,41698303	-12,1259583	VS-70	1
-38,35981036	-12,18552849	VS-250	1	-38,41698303	-12,1259583	VS-70	1
-38,42920485	-12,14413657	MV-400	1	-38,44725147	-12,14220035	VS-150	1
-38,343496	-12,21321612	MV-250	1	-38,39791295	-12,1345735	VS-70	1
-38,343496	-12,21321612	MV-250	12	-38,42310301	-12,13317701	VS-70	1
-38,42288972	-12,1376536	MV-400	1	-38,42310301	-12,13317701	VS-150	4
-38,43554481	-12,13325874	VS-250	1	-38,42310301	-12,13317701	VS-250	1
-38,41768636	-12,11986538	VS-150	1	-38,42181633	-12,14640691	VS-250	1
-38,43796002	-12,21982012	VS-70	1	-38,43299613	-12,1385903	VS-250	1
-38,40276463	-12,11900526	VS-70	1	-38,41421296	-12,15590849	VS-70	1
-38,49578128	-12,25651653	VS-70	1	-38,4164447	-12,11420704	VS-70	1
-38,42445613	-12,14676913	VS-250	1	-38,33578608	-12,16666472	VS-70	1
-38,41419121	-12,20844981	MV-250	1	-38,41543029	-12,11078674	VS-70	1
-38,43864978	-12,13829036	MV-250	1	-38,40336154	-12,13761681	MV-250	1
-38,43791812	-12,13853035	MV-250	1	-38,43774111	-12,24768297	VS-70	1
-38,41914258	-12,13802386	MV-400	1	-38,44008438	-12,15088552	VS-70	1
-38,40161756	-12,13366037	VS-70	1	-38,44498317	-12,12516383	VS-250	1
-38,40377469	-12,13217018	MV-250	1	-38,4452096	-12,13655623	VS-70	1
-38,430138	-12,15020856	VS-250	1	-38,4452096	-12,13655623	VS-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,41865241	-12,11714935	VS-150	1	-38,4452096	-12,13655623	VS-250	1
-38,41865241	-12,11714935	VS-250	1	-38,33423602	-12,17228465	VS-70	1
-38,42370804	-12,13017529	VS-250	1	-38,3532644	-12,21021615	VS-70	1
-38,43830763	-12,13824433	MV-250	1	-38,33245269	-12,18064462	VS-70	1
-38,4189088	-12,15076858	MV-250	1	-38,40361343	-12,12488949	VS-70	1
-38,41701634	-12,13975523	MV-250	2	-38,41174939	-12,12919446	VS-250	1
-38,42116971	-12,14513691	VS-250	1	-38,46192143	-12,15639534	VS-250	1
-38,41017802	-12,13162689	MV-250	1	-38,46192143	-12,15639534	VS-70	1
-38,45871312	-12,15571706	MV-250	1	-38,43294258	-12,12145959	VS-150	1
-38,42084369	-12,12192305	MV-250	1	-38,43294258	-12,12145959	MV-400	1
-38,40506298	-12,14425849	MV-250	1	-38,42452555	-12,12825802	VS-150	1
-38,40506298	-12,14425849	VS-250	10	-38,39778593	-12,13058666	MV-250	1
-38,4744762	-12,27012636	FL-85	1	-38,39708993	-12,13089796	MV-250	1
-38,43424147	-12,13481033	VS-250	1	-38,39740896	-12,14283998	MV-400	1
-38,41843308	-12,12893028	VS-70	1	-38,40060087	-12,12901805	MV-250	1
-38,40747626	-12,14166853	VS-250	1	-38,43739717	-12,12710951	MV-250	1
-38,42282787	-12,13599957	VS-400	1	-38,37313209	-12,02787507	VS-70	1
-38,42001967	-12,13149699	VS-250	1	-38,4432886	-12,15482478	VS-70	1
-38,4334031	-12,13275034	VS-250	1	-38,41836972	-12,13170699	VS-250	1
-38,41932714	-12,14048206	VS-250	1	-38,44120981	-12,13315376	VS-70	1
-38,41932714	-12,14048206	VS-250	2	-38,44120981	-12,13315376	VS-250	1
-38,50705148	-12,1890404	MV-250	1	-38,38820458	-12,11395523	VS-70	1
-38,41327993	-12,1518956	VS-400	1	-38,28634314	-12,11011673	VS-70	1
-38,41327993	-12,1518956	VS-70	1	-38,39960234	-12,12016952	VS-70	1
-38,41358975	-12,11514871	VS-70	1	-38,44060313	-12,11496883	VS-70	1
-38,43349816	-12,12123872	VS-400	1	-38,44060313	-12,11496883	MV-250	1
-38,43349816	-12,12123872	VS-150	1	-38,41694095	-12,15185808	MV-250	1
-38,41423132	-12,14472018	VS-250	1	-38,41487798	-12,15150851	VS-250	1
-38,41423132	-12,14472018	VS-70	1	-38,38775012	-12,15464921	VS-150	1
-38,39976306	-12,12843394	MV-250	1	-38,43021479	-12,11535879	MV-250	1
-38,43224636	-12,14130367	VS-250	1	-38,43050668	-12,04605751	VS-70	1
-38,44456479	-12,13570036	VS-250	1	-38,42808399	-12,14270527	MV-250	1
-38,46038821	-12,13989376	VS-250	1	-38,406752	-12,12165329	VS-70	1
-38,46038821	-12,13989376	VS-70	1	-38,42851121	-12,2243698	VS-70	1
-38,3993581	-12,12666716	MV-150	1	-38,34752599	-12,21050284	VS-70	1
-38,39945897	-12,12604878	MV-150	1	-38,38365367	-12,10599743	VS-70	1
-38,41121177	-12,01956544	VS-70	1	-38,36060447	-12,17657312	VS-150	1
-38,43349196	-12,21170523	VS-70	1	-38,40888161	-12,11780347	MV-250	1
-38,5020196	-12,24801662	VS-70	1	-38,45002476	-12,1541603	VS-70	1
-38,43160512	-12,00501277	VS-70	1	-38,41617964	-12,15199354	VS-70	1
-38,42970569	-12,11660954	MV-250	1	-38,4418942	-12,1255709	VS-70	1
-38,3274644	-12,18093801	VS-70	1	-38,43330144	-12,13474865	VS-250	2
-38,41307943	-12,22870963	VS-70	1	-38,40574968	-12,12923185	VS-70	1
-38,41879893	-12,15508065	MV-250	1	-38,43349976	-12,12627538	MV-250	1
-38,41862855	-12,15542273	MV-250	1	-38,42002469	-12,12626703	MV-250	1
-38,4164079	-12,12029766	VS-70	1	-38,42002469	-12,12626703	VS-70	1
-38,41458409	-12,14899779	VS-70	1	-38,38847987	-11,99053761	VS-70	1
-38,41458409	-12,14899779	VS-250	1	-38,29582134	-12,0831485	VS-70	1
-38,41811302	-12,14004693	VS-250	1	-38,43546809	-12,12592377	MV-250	1
-38,42250512	-12,12754323	VS-70	1	-38,42029807	-12,12308039	MV-250	1
-38,43471775	-12,12207383	VS-150	1	-38,41539963	-12,14518516	VS-250	1
-38,34834938	-12,21050953	VS-70	1	-38,46188048	-12,25122222	VS-70	1
-38,43172585	-12,12325666	VS-150	1	-38,41253803	-12,13397357	MV-250	1
-38,4351831	-12,11737881	MV-250	1	-38,44392352	-12,11521901	VS-250	1
-38,42000634	-12,13626862	MV-400	2	-38,50417524	-12,26577439	VS-70	1
-38,41005959	-12,15112013	VS-70	1	-38,46544152	-12,14154545	MV-250	1
-38,41005959	-12,15112013	MV-250	1	-38,43553277	-12,14359565	MV-250	1
-38,41604467	-12,14577017	VS-70	1	-38,41841303	-12,1313286	MV-250	1
-38,39807353	-12,13769493	VS-70	1	-38,41411015	-12,12255906	MV-250	1
-38,4048721	-12,12641415	VS-70	1	-38,41411015	-12,12255906	VS-70	1
-38,40668503	-12,12185886	VS-70	1	-38,46367821	-12,14081379	MV-250	1
-38,46647431	-12,20875838	VS-70	1	-38,4312247	-12,14398365	VS-250	1
-38,3881564	-12,15316032	VS-150	1	-38,41020469	-12,11226866	VS-70	1
-38,44016473	-12,13495534	VS-250	1	-38,4003046	-12,14789342	VS-70	1
-38,44016473	-12,13495534	VS-70	1	-38,4003046	-12,14789342	MV-250	1
-38,41488135	-12,15022346	VS-70	1	-38,4003046	-12,14789342	MV-250	1
-38,41312225	-12,1219669	VS-70	2	-38,44154876	-12,14208213	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,41312225	-12,1219669	MV-250	1	-38,44154876	-12,14208213	VS-250	1
-38,43160645	-12,11653212	MV-250	1	-38,37478056	-12,13419288	VS-70	1
-38,44831093	-12,12605224	VS-70	1	-38,41793968	-12,13096861	VS-70	1
-38,44761413	-12,12568645	VS-70	1	-38,43416412	-12,11804309	VS-250	1
-38,438701	-12,13294977	VS-70	1	-38,43943813	-12,12620877	VS-150	1
-38,43875806	-12,13484704	VS-250	1	-38,28348816	-12,10839172	MV-250	2
-38,38308298	-12,10615689	VS-70	1	-38,28348816	-12,10839172	VS-70	1
-38,45050312	-12,15379028	MV-250	1	-38,43605146	-12,13213208	VS-70	1
-38,41897445	-12,12275753	VS-150	1	-38,43605146	-12,13213208	VS-250	1
-38,41897445	-12,12275753	VS-150	1	-38,4429702	-12,00982116	VS-70	1
-38,41897445	-12,12275753	VS-70	1	-38,34336432	-12,21228781	VS-70	1
-38,46955289	-12,16207113	MV-250	1	-38,32923609	-12,17258138	VS-70	1
-38,47166828	-12,16311974	VS-250	1	-38,40331296	-12,11872362	VS-70	1
-38,45622073	-12,14391624	MV-250	1	-38,41055969	-12,12883194	MV-250	1
-38,40294638	-12,15400277	VS-70	1	-38,40907637	-12,1283636	MV-250	1
-38,41850404	-12,13558198	MV-400	1	-38,33124937	-12,17318467	MV-400	1
-38,41145453	-12,19992984	VS-70	1	-38,35421606	-12,20918622	VS-70	1
-38,42372807	-12,11878702	VS-70	1	-38,43395456	-12,22765646	VS-70	1
-38,41769806	-12,1250653	MV-250	1	-38,42890972	-12,13226366	VS-250	1
-38,42860478	-12,10341387	VS-70	1	-38,4022295	-12,19818986	VS-250	1
-38,44101645	-12,13827199	MV-250	1	-38,4484185	-12,00838782	VS-70	1
-38,42642357	-12,13588592	VS-250	1	-38,4612801	-12,26229732	VS-70	1
-38,42642357	-12,13588592	VS-250	1	-38,44792221	-12,15855394	MV-70	1
-38,43440965	-12,13381029	MV-250	1	-38,44153224	-12,13241163	VS-70	1
-38,41450133	-12,14131689	VS-250	1	-38,44153224	-12,13241163	VS-150	1
-38,41450133	-12,14131689	MV-400	1	-38,4299797	-12,14359024	VS-70	1
-38,42891024	-12,14533355	VS-70	1	-38,41375337	-11,9761746	VS-70	1
-38,42016727	-12,15631642	VS-250	1	-38,42049568	-12,12554662	VS-70	1
-38,42016727	-12,15631642	VS-70	1	-38,44092679	-12,00904613	VS-70	1
-38,3288544	-12,172543	VS-70	1	-38,41751804	-12,13991691	VS-250	1
-38,42072803	-12,15106848	MV-250	1	-38,48966796	-12,23584828	VS-70	1
-38,42752473	-12,12336875	VS-70	1	-38,42243114	-12,19469426	VS-70	1
-38,4134163	-12,11038425	VS-70	1	-38,40176072	-12,13337003	VS-70	1
-38,414453	-12,13966521	VS-250	4	-38,40668563	-12,10166165	VS-70	1
-38,414453	-12,13966521	VS-400	8	-38,4455259	-12,12394119	VS-70	1
-38,32898766	-12,18160963	VS-70	1	-38,42633855	-12,12812789	VS-150	1
-38,37771767	-12,1348997	VS-70	1	-38,42306794	-12,13861756	MV-400	1
-38,41442042	-12,13186237	VS-250	1	-38,38949986	-11,95767617	VS-70	1
-38,41126885	-12,12985235	MV-250	1	-38,38949986	-11,95767617	VS-250	1
-38,33751767	-12,18209301	VS-70	1	-38,38650458	-12,1163786	VS-70	1
-38,4239481	-12,13941096	MV-250	1	-38,49454462	-12,23086837	VS-70	1
-38,4239481	-12,13941096	VS-250	1	-38,43235606	-12,1511783	VS-70	1
-38,41504635	-12,11847706	MV-250	1	-38,46409056	-12,25409781	VS-70	1
-38,43764508	-12,13410322	VS-150	1	-38,4523012	-12,25388216	VS-70	1
-38,45477134	-12,16136889	VS-70	1	-38,41703471	-12,11811707	VS-150	1
-38,4288612	-12,14099853	VS-250	1	-38,39242924	-12,13826721	MV-250	1
-38,41891433	-12,13734396	MV-250	1	-38,43488142	-12,1469786	VS-70	1
-38,40453743	-12,12328224	VS-70	2	-38,41247965	-12,14898519	MV-250	1
-38,4290082	-12,10107056	VS-70	1	-38,43303973	-12,15030861	VS-70	2
-38,46887782	-12,25881139	VS-70	1	-38,44138485	-12,11440049	VS-70	1
-38,33277947	-12,18805971	VS-70	1	-38,41461968	-12,12633697	VS-70	1
-38,39629779	-12,22974958	VS-70	1	-38,46263286	-12,25823883	VS-70	1
-38,41133316	-12,21074419	VS-70	1	-38,44293144	-12,13194206	VS-70	2
-38,51238323	-12,17693714	VS-70	1	-38,4367548	-12,11766714	VS-70	1
-38,4893374	-12,22778289	VS-70	1	-38,43762313	-12,11812878	VS-70	1
-38,41130448	-12,24569124	VS-70	1	-38,40175505	-12,20109248	VS-70	1
-38,3626561	-12,18202804	VS-150	1	-38,51071484	-12,19107541	VS-70	1
-38,40096124	-12,14756509	MV-250	1	-38,41204281	-12,24813123	VS-70	1
-38,50767297	-12,18099527	FL-30	1	-38,40118083	-12,13382638	VS-70	1
-38,44219742	-12,10763108	VS-70	1	-38,45658978	-12,13960379	MV-250	1
-38,43977741	-12,14200389	VS-70	1	-38,39861775	-12,22482798	VS-70	1
-38,43977741	-12,14200389	MV-250	1	-38,3824031	-12,13642897	VS-70	1
-38,4147172	-12,14938254	MV-250	1	-38,36476953	-12,09186026	VS-70	1
-38,42568805	-12,14964523	MV-250	1	-38,39629291	-12,1436151	VS-70	1
-38,42247143	-12,12783364	VS-250	1	-38,41664809	-12,12014532	MV-70	1
-38,41091407	-12,12497632	VS-70	1	-38,42978142	-12,14425857	VS-250	1
-38,5049229	-12,25026825	VS-70	1	-38,40647964	-12,12363027	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,4404648	-12,15086307	VS-70	1	-38,44601418	-12,11310619	VS-250	1
-38,44116736	-12,15117192	VS-70	1	-38,43097634	-12,14668697	MV-250	1
-38,41831464	-12,14918521	VS-250	1	-38,40822297	-12,14413682	MV-250	1
-38,42884639	-12,12550042	VS-250	1	-38,44470857	-12,15670819	VS-70	1
-38,42884639	-12,12550042	VS-70	1	-38,42049568	-12,12554662	VS-70	1
-38,45197311	-12,15587065	VS-70	1	-38,44625099	-12,11228675	MV-250	1
-38,41351641	-12,11753198	MV-250	1	-38,44544425	-12,1119674	VS-70	1
-38,39407662	-11,95920791	VS-70	1	-38,44544425	-12,1119674	MV-250	1
-38,42869629	-12,13777686	VS-250	1	-38,4505796	-12,15535561	VS-70	1
-38,42212137	-12,15182017	VS-250	1	-38,44357379	-12,13526929	MV-250	1
-38,40311637	-12,12089863	VS-70	1	-38,41681296	-12,1421936	VS-250	1
-38,41686453	-12,22916636	VS-70	1	-38,40872946	-12,13356739	VS-70	1
-38,41713961	-12,15624519	MV-250	1	-38,41764801	-12,13565529	MV-250	1
-38,43894648	-12,12714706	VS-70	1	-38,44144414	-12,14456704	MV-250	1
-38,44336814	-12,1343604	VS-70	1	-38,38952962	-12,11464022	VS-70	1
-38,41335132	-12,15627183	VS-70	1	-38,40567297	-12,12714022	VS-70	2
-38,43363812	-12,13242866	VS-250	1	-38,40567297	-12,12714022	MV-250	1
-38,44164805	-12,14237038	VS-70	1	-38,40567297	-12,12714022	VS-250	1
-38,42434304	-12,14062191	MV-400	1	-38,41325962	-12,14494688	VS-70	1
-38,39964707	-12,12800618	VS-150	1	-38,41549812	-12,16300824	MV-250	1
-38,4000345	-12,14043278	VS-70	1	-38,41418487	-12,22715933	MV-250	1
-38,41021964	-12,15065182	MV-250	1	-38,41418487	-12,22715933	VS-70	1
-38,43304325	-12,21047551	VS-70	1	-38,40535277	-12,23179625	VS-70	1
-38,42242142	-12,13288366	VS-250	1	-38,41819469	-12,12175365	VS-70	1
-38,3987746	-12,13292856	VS-70	1	-38,41557755	-12,13834704	MV-250	1
-38,41163466	-12,14921018	MV-250	1	-38,43019969	-12,14353025	VS-150	1
-38,42373344	-12,11922436	VS-70	1	-38,42299688	-12,13619773	MV-400	1
-38,39734488	-12,14146652	MV-400	1	-38,44562836	-12,12367232	VS-70	1
-38,40127302	-12,12983281	MV-250	1	-38,41436682	-12,13214485	VS-250	1
-38,41475733	-12,21927632	VS-250	1	-38,43411999	-12,04818585	VS-70	1
-38,41475733	-12,21927632	VS-70	1	-38,43411999	-12,04818585	VS-400	1
-38,41281145	-12,11024354	VS-70	1	-38,43828287	-12,24273634	VS-70	1
-38,33210607	-12,17711968	VS-70	1	-38,43425144	-12,14489529	VS-250	1
-38,39217634	-12,12070265	VS-70	1	-38,42050982	-12,13331182	MV-250	1
-38,32976434	-12,17787462	VS-70	1	-38,42050982	-12,13331182	VS-250	1
-38,49902161	-12,17680006	VS-70	1	-38,39788052	-12,13992314	MV-400	1
-38,3990019	-12,22498467	VS-70	1	-38,39788052	-12,13992314	VS-150	1
-38,37708848	-12,10986178	VS-70	1	-38,39788052	-12,13992314	VS-70	1
-38,41871637	-12,12589696	MV-250	1	-38,40078064	-12,14065246	VS-70	1
-38,44704508	-12,14063552	VS-70	1	-38,42403139	-12,13834025	MV-400	1
-38,42757305	-12,14148199	VS-250	1	-38,40364294	-12,13400852	MV-250	1
-38,4036547	-12,11864699	VS-70	1	-38,41058131	-12,12525193	VS-70	1
-38,44120545	-12,14674426	VS-70	1	-38,40781824	-12,00854428	VS-70	1
-38,44085612	-12,14710528	MV-400	1	-38,43239642	-12,13225206	VS-250	1
-38,40703605	-12,2478779	VS-70	1	-38,42575498	-12,13369696	VS-250	1
-38,41261301	-12,14630689	VS-250	1	-38,4277952	-12,13962364	MV-250	1
-38,41261301	-12,14630689	MV-400	4	-38,43401593	-12,1182869	VS-250	1
-38,413803	-12,14785856	VS-70	1	-38,33181766	-12,17224302	VS-70	1
-38,42245448	-12,19517715	VS-70	1	-38,41420788	-12,20974648	VS-250	1
-38,43898471	-12,14046536	VS-250	1	-38,41827792	-12,1451444	MV-250	1
-38,35939443	-12,16186982	VS-70	1	-38,4185713	-12,14407019	MV-250	1
-38,44399145	-12,12632374	VS-250	1	-38,41644081	-12,22760692	VS-70	1
-38,41467669	-11,97212623	VS-70	1	-38,41644081	-12,22760692	VS-250	1
-38,4131329	-12,19977488	VS-70	1	-38,41244375	-12,2090626	VS-70	1
-38,44257081	-12,12480352	VS-150	1	-38,51080017	-12,18050875	VS-70	1
-38,42566969	-12,14992023	VS-250	1	-38,40318359	-12,22279087	VS-70	1
-38,43266142	-12,13399872	MV-250	1	-38,39757659	-12,12937172	MV-250	1
-38,3906861	-12,13340364	VS-70	1	-38,39705531	-12,14140669	MV-400	1
-38,43907978	-12,13925703	VS-250	1	-38,40136598	-12,12951681	MV-250	1
-38,39147791	-12,12009191	VS-70	1	-38,40158029	-12,1287515	MV-250	1
-38,40757575	-12,13182682	MV-250	1	-38,40094868	-12,12976747	MV-250	2
-38,41996464	-12,14867851	VS-250	1	-38,44335474	-12,1434137	VS-70	1
-38,48079826	-12,13969555	VS-250	1	-38,39301929	-12,13880785	VS-250	1
-38,48079826	-12,13969555	VS-250	1	-38,42165304	-12,14131478	VS-250	1
-38,426943	-12,14501528	MV-250	1	-38,44251479	-12,1535258	VS-70	1
-38,37853784	-12,13391507	VS-70	1	-38,42950477	-12,11761709	MV-250	1
-38,43953474	-12,13861699	VS-250	1	-38,42812646	-12,10312552	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,43381473	-12,13979199	MV-250	1	-38,41375642	-12,12149533	MV-250	1
-38,45597314	-12,14238879	VS-70	1	-38,41375642	-12,12149533	MV-250	1
-38,44272322	-12,11487889	MV-250	1	-38,44099802	-12,1350548	VS-250	1
-38,44272322	-12,11487889	VS-70	1	-38,41393636	-12,12309698	VS-70	1
-38,30759631	-12,06044528	VS-70	1	-38,4178207	-12,13297785	MV-250	1
-38,43439647	-12,13235367	VS-150	1	-38,40922117	-12,22998797	VS-70	1
-38,43726144	-12,12813371	VS-250	1	-38,41583288	-12,16216359	MV-250	6
-38,38865125	-12,11588855	VS-70	1	-38,42730755	-12,21526105	VS-70	1
-38,3911426	-12,13424774	VS-70	1	-38,44184476	-12,13573037	MV-250	1
-38,43216136	-12,14425194	VS-250	3	-38,41846693	-12,13747131	MV-400	1
-38,43216136	-12,14425194	VS-250	1	-38,4011157	-12,12746192	VS-70	1
-38,41112959	-12,15162348	MV-250	1	-38,42115477	-12,12292032	VS-70	1
-38,43177314	-12,10926214	VS-70	1	-38,42115477	-12,12292032	MV-250	1
-38,44133019	-12,15030514	VS-70	1	-38,41616468	-12,15340346	VS-70	1
-38,44021984	-12,15037271	VS-70	1	-38,4422615	-12,12837209	MV-250	1
-38,40667299	-12,11905367	VS-70	2	-38,43067478	-12,13425365	VS-250	1
-38,40880801	-12,12954193	VS-70	1	-38,41812809	-12,12281031	VS-70	1
-38,41024469	-12,12512363	MV-250	1	-38,41475459	-12,15624176	VS-70	1
-38,35658774	-12,21020786	VS-70	1	-38,42597301	-12,14164528	VS-250	1
-38,41495828	-12,2253207	VS-70	1	-38,42380973	-12,13627361	MV-400	1
-38,41596303	-12,11817199	VS-70	1	-38,42216788	-12,1238252	VS-70	1
-38,41385651	-12,11682361	MV-250	1	-38,43029636	-12,13919863	MV-250	1
-38,41385651	-12,11682361	MV-250	1	-38,51230143	-12,19949865	VS-250	1
-38,42590839	-12,15981154	VS-150	1	-38,42912475	-12,13087535	VS-250	1
-38,50115543	-12,20466466	VS-70	1	-38,42894812	-12,13050531	VS-250	1
-38,50120973	-12,21148015	VS-70	1	-38,42985143	-12,131517	VS-250	1
-38,41979264	-12,14374759	MV-250	1	-38,43764485	-12,11713552	VS-70	1
-38,41979264	-12,14374759	MT-500	1	-38,43690149	-12,1167488	VS-70	1
-38,32987937	-12,17747629	MV-400	1	-38,43690149	-12,1167488	MV-250	1
-38,32987937	-12,17747629	VS-70	1	-38,41130341	-12,1557008	VS-150	1
-38,41549132	-12,15318511	VS-70	1	-38,43349582	-12,1359979	VS-250	1
-38,41080308	-12,01954204	VS-70	1	-38,42134809	-12,12203202	VS-70	1
-38,39975867	-12,1249022	MV-250	1	-38,39789665	-12,12813081	MV-250	1
-38,39712722	-12,128091	MV-250	1	-38,39789665	-12,12813081	MV-400	1
-38,39929786	-12,12523065	MV-250	1	-38,39722554	-12,1293416	MV-250	1
-38,41452101	-12,17508452	VS-400	1	-38,39612199	-12,13079436	MV-250	1
-38,41436157	-12,17340893	MV-400	1	-38,39612199	-12,13079436	MV-250	1
-38,41126115	-12,12705694	MV-250	1	-38,4008112	-12,1311914	MV-250	1
-38,44188813	-12,13163038	VS-70	1	-38,41377205	-12,11158539	VS-70	1
-38,41438796	-12,10932667	VS-70	1	-38,44869213	-12,13926061	VS-70	1
-38,50365132	-12,23692171	VS-70	1	-38,44848101	-12,15533512	VS-70	1
-38,43031971	-12,15058355	VS-150	1	-38,44390913	-12,15365886	VS-70	1
-38,42410803	-12,13659359	VS-400	1	-38,42529428	-12,14016743	MV-250	1
-38,43219998	-12,04807089	VS-70	1	-38,43714137	-12,14543701	MV-250	1
-38,41153796	-12,13252025	MV-250	1	-38,40569305	-12,12357031	VS-70	1
-38,42533308	-12,13833362	MV-400	1	-38,40569305	-12,12357031	VS-250	1
-38,42533308	-12,13833362	MV-400	2	-38,28745638	-12,11706172	VS-250	1
-38,41165434	-12,17174687	VS-70	1	-38,43658141	-12,14080866	VS-250	1
-38,43404315	-12,1270404	VS-70	1	-38,41479793	-12,17655339	VS-400	1
-38,43980814	-12,12139379	MV-250	1	-38,34432766	-12,2098228	VS-70	1
-38,43980814	-12,12139379	VS-70	1	-38,42756586	-12,21715532	VS-70	1
-38,43980814	-12,12139379	VS-250	4	-38,40679534	-12,14464002	VS-250	1
-38,40985614	-12,24311621	VS-70	2	-38,4019156	-12,1286349	VS-150	1
-38,41262297	-12,11992628	VS-70	1	-38,40175086	-12,1283123	VS-70	1
-38,41298481	-12,11988331	VS-70	1	-38,39979238	-12,12840941	VS-70	1
-38,39936627	-12,15290511	VS-70	1	-38,42572919	-12,1545297	VS-150	1
-38,42342304	-12,1363753	MV-400	1	-38,41897252	-12,16022345	VS-70	1
-38,41728305	-12,13889814	MV-400	1	-38,4378581	-12,13920698	MV-250	1
-38,42144304	-12,12645698	MV-400	1	-38,43184971	-12,13783699	MV-250	1
-38,42144304	-12,12645698	VS-70	1	-38,4206698	-12,1062921	VS-250	1
-38,46858737	-12,1454311	MV-250	1	-38,42663335	-12,07354395	VS-70	1
-38,35653981	-12,19588645	VS-70	1	-38,43656145	-12,12700875	MV-250	1
-38,32393438	-12,18047468	VS-70	1	-38,43656145	-12,12700875	VS-70	1
-38,41024968	-12,13522688	VS-70	1	-38,41994144	-12,1182054	VS-70	1
-38,41404757	-12,12147627	VS-70	1	-38,43881477	-12,13901204	MV-250	1
-38,41994711	-12,13712398	MV-250	1	-38,42571294	-12,12503397	VS-70	1
-38,43735334	-12,12890844	VS-250	1	-38,44576875	-12,15880119	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,41015266	-12,13067133	MV-250	1	-38,44442091	-12,15995675	VS-70	1
-38,41015266	-12,13067133	VS-70	1	-38,44334277	-12,15675307	VS-70	1
-38,41749224	-12,14317444	MV-250	1	-38,44345639	-12,15715715	VS-70	1
-38,41092126	-12,15062347	MV-250	1	-38,44495925	-12,15780409	VS-70	1
-38,43897644	-12,13145037	VS-250	1	-38,41997646	-12,11601543	VS-70	1
-38,3996776	-12,12772078	VS-70	1	-38,41540775	-12,15189081	VS-250	1
-38,42008933	-12,13671112	VS-400	2	-38,41540775	-12,15189081	VS-70	1
-38,41791302	-12,13046527	VS-70	1	-38,414683	-12,13402025	MV-250	1
-38,41721466	-12,14448617	VS-250	1	-38,40265245	-12,14891254	VS-70	1
-38,42533496	-12,10312221	VS-70	1	-38,44258818	-12,11350889	VS-70	1
-38,36829298	-12,04998885	VS-70	1	-38,36523614	-12,18241971	MV-250	1
-38,41060677	-11,94298482	VS-70	1	-38,348566	-12,18965132	VS-70	1
-38,38744483	-11,942148	VS-70	1	-38,41730309	-12,11875199	VS-150	1
-38,35403462	-11,99698571	VS-70	1	-38,46616487	-12,14260884	VS-250	1
-38,40907332	-11,96728961	VS-70	1	-38,43366393	-12,11705205	VS-70	1
-38,3747481	-11,98587419	VS-70	1	-38,43366393	-12,11705205	VS-250	1
-38,37248303	-11,99113085	VS-70	1	-38,44701142	-12,14287368	VS-70	1
-38,41739559	-11,94777947	VS-70	1	-38,43165971	-12,14389864	MV-250	1
-38,45997714	-11,93809858	VS-70	1	-38,47984621	-12,26224978	FL-30	1
-38,3943949	-11,94960468	VS-70	1	-38,44449313	-12,13313045	MV-250	1
-38,37362471	-12,02964566	VS-70	1	-38,49230129	-12,22926664	VS-70	1
-38,3738563	-12,04683722	VS-70	1	-38,4289226	-12,20777111	VS-70	1
-38,35905203	-11,98138992	VS-70	1	-38,40619343	-12,21330687	VS-70	1
-38,46260551	-11,94004193	VS-70	1	-38,43387649	-12,1196938	VS-150	1
-38,3775848	-11,97868928	VS-70	1	-38,44757533	-12,15581663	MV-150	1
-38,39255822	-11,94371133	VS-70	1	-38,4210997	-12,13325193	VS-250	1
-38,39255822	-11,94371133	VS-70	1	-38,42047804	-12,13836522	MV-400	2
-38,39919845	-11,9421668	VS-70	2	-38,41844418	-12,21098387	VS-250	1
-38,4341486	-11,93396177	VS-70	1	-38,39110605	-12,23083626	VS-70	1
-38,35794124	-12,03280721	VS-70	1	-38,44692055	-12,14103112	VS-70	1
-38,37082308	-11,99354083	VS-70	1	-38,43691146	-12,13445034	MV-250	1
-38,40620835	-11,93685155	VS-150	6	-38,43344643	-12,13290039	VS-70	1
-38,37589496	-11,95574419	MV-250	1	-38,40053725	-12,13177259	MV-250	1
-38,35715359	-12,03414756	VS-70	1	-38,45562646	-12,15272369	VS-70	1
-38,37789639	-12,04613392	VS-150	1	-38,39812824	-11,95085169	VS-70	1
-38,41364336	-11,97670787	VS-70	1	-38,41305052	-12,1184689	VS-70	1
-38,39786165	-11,96055456	VS-70	1	-38,42464248	-12,14895132	MV-400	1
-38,39094484	-11,95859458	VS-70	1	-38,38838741	-12,11245555	VS-150	1
-38,36408936	-11,99032327	VS-70	1	-38,35487935	-12,20752286	VS-70	1
-38,40513899	-12,02262044	VS-70	1	-38,39557773	-12,22846463	VS-70	1
-38,35474297	-11,99841401	VS-70	1	-38,48888532	-12,25491323	VS-70	1
-38,43665693	-11,93395849	VS-70	1	-38,50780442	-12,18811123	VS-250	1
-38,41132999	-12,00305766	VS-70	1	-38,41363608	-12,24160463	VS-70	1
-38,40833111	-12,24697457	VS-70	1	-38,42994477	-12,11854543	MV-250	1
-38,40833111	-12,24697457	MV-400	6	-38,412833	-12,14372856	MV-250	1
-38,35645699	-12,03605217	VS-150	1	-38,42954975	-12,12560536	VS-70	1
-38,38424821	-11,9497112	VS-70	1	-38,39051154	-11,94215631	VS-70	1
-38,39386824	-11,949713	VS-70	1	-38,42830648	-12,12542529	VS-70	2
-38,33737088	-12,04989112	VS-70	1	-38,42830648	-12,12542529	VS-250	1
-38,43226301	-12,14408029	VS-250	1	-38,32852437	-12,18064632	VS-70	1
-38,40917965	-12,14015355	VS-250	1	-38,50523981	-12,18625707	MV-250	1
-38,42766259	-12,13543216	VS-250	1	-38,416806	-12,13370664	MV-250	1
-38,41788801	-12,13274031	VS-250	1	-38,43646807	-12,13273207	VS-250	1
-38,36624285	-12,12957502	VS-70	1	-38,44452981	-12,1318254	VS-250	1
-38,45291812	-12,15430536	MV-250	1	-38,42571969	-12,14903522	VS-400	1
-38,43224524	-12,14160092	MV-250	1	-38,41911738	-11,94312911	VS-70	1
-38,42177502	-12,13430267	MV-400	1	-38,31886485	-12,07465649	VS-70	1
-38,44293655	-12,11459221	VS-70	1	-38,41868971	-12,14197528	MV-400	1
-38,41982967	-12,15009853	VS-250	1	-38,39660123	-12,14429181	VS-70	1
-38,41719448	-12,22889967	VS-70	1	-38,43092808	-12,11808048	MV-250	1
-38,41666968	-12,14200687	VS-250	1	-38,41618946	-12,133057	VS-250	1
-38,39931297	-12,14581677	MV-250	1	-38,41069799	-12,15394846	MV-250	1
-38,39931297	-12,14581677	MV-400	1	-38,43823976	-12,13392537	MV-250	1
-38,40679958	-12,13953425	VS-70	1	-38,39074148	-12,13097507	VS-70	2
-38,41270364	-12,22600232	VS-250	1	-38,47687925	-12,21655014	VS-70	1
-38,41270364	-12,22600232	VS-70	1	-38,50144643	-12,21256848	VS-70	1
-38,40763004	-12,12458166	VS-70	1	-38,49464466	-12,23118165	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,40246579	-12,15494433	VS-70	1	-38,41613364	-12,11469995	VS-70	1
-38,43655813	-12,11794211	VS-70	1	-38,41685784	-12,14776216	VS-250	1
-38,40077297	-12,14149511	MV-250	1	-38,41685784	-12,14776216	VS-70	1
-38,42987142	-12,12996873	VS-250	1	-38,41685784	-12,14776216	VS-250	1
-38,4302658	-12,12343481	VS-70	1	-38,42520971	-12,1384686	VS-250	1
-38,34513106	-12,13758956	VS-70	2	-38,42763981	-12,11814044	MV-250	1
-38,41062413	-12,13716018	VS-250	1	-38,41321804	-12,12136198	MV-250	1
-38,44827323	-12,12686187	VS-250	1	-38,41321804	-12,12136198	VS-70	1
-38,44827323	-12,12686187	VS-70	1	-38,42157466	-12,1510985	VS-400	1
-38,44230242	-12,1387799	VS-70	1	-38,43024956	-12,2165416	VS-70	1
-38,44408038	-12,13201659	VS-70	1	-38,41916333	-12,13461993	VS-250	1
-38,41611778	-12,11296168	VS-70	1	-38,38834456	-12,15255673	MV-250	1
-38,39848464	-12,13376519	VS-70	1	-38,43160976	-12,11831711	MV-250	1
-38,40184799	-12,13691188	VS-150	1	-38,41410443	-12,14406967	VS-70	1
-38,40864511	-12,14053242	VS-250	1	-38,44117403	-12,15389047	VS-70	1
-38,39639635	-12,15400312	VS-70	1	-38,40763713	-12,12728984	MV-250	1
-38,40728464	-12,12497193	MV-250	1	-38,42095455	-12,22320354	VS-70	1
-38,40728464	-12,12497193	MV-250	4	-38,42686638	-12,1456619	VS-250	1
-38,38716126	-12,11542852	VS-70	1	-38,41446801	-12,14228352	VS-250	1
-38,45242198	-12,22937165	VS-70	1	-38,45075619	-12,1591305	VS-70	1
-38,33556105	-12,16620807	MV-250	1	-38,44249817	-12,11517047	VS-70	1
-38,33556105	-12,16620807	VS-70	1	-38,44702142	-12,15288195	VS-70	1
-38,42665278	-12,14156831	MV-250	1	-38,44702142	-12,15288195	MV-250	1
-38,38838647	-11,9916226	VS-70	1	-38,40240395	-12,12872285	VS-70	1
-38,42137079	-12,12088163	VS-70	1	-38,39979773	-12,12701392	VM-250	1
-38,41710805	-12,14098527	MV-250	1	-38,39979773	-12,12701392	VS-70	1
-38,37074281	-12,18561813	VS-70	1	-38,40086698	-12,12861015	VS-70	1
-38,46223647	-12,14207543	VS-150	1	-38,28160983	-12,11459841	VS-70	1
-38,40332128	-12,13611357	MV-250	1	-38,43130799	-12,15332352	VS-250	1
-38,43163807	-12,14966194	VS-250	1	-38,42988305	-12,14452194	VS-250	1
-38,43163807	-12,14966194	VS-70	1	-38,42528303	-12,1382686	VS-400	2
-38,43465144	-12,14542033	VS-70	1	-38,42528303	-12,1382686	MV-400	2
-38,43512642	-12,14135031	VS-250	1	-38,42528303	-12,1382686	MV-400	6
-38,43286591	-12,13922566	MV-250	1	-38,41395134	-12,12395195	MV-400	1
-38,51364633	-12,25126659	VS-70	1	-38,41395134	-12,12395195	VS-70	1
-38,42233309	-12,13669963	VS-400	1	-38,41533967	-12,1528152	VS-70	1
-38,42233309	-12,13669963	MV-400	1	-38,42262969	-12,15189355	VS-250	1
-38,45367806	-12,15614885	VS-70	1	-38,43677637	-12,13978866	MV-250	2
-38,44011507	-12,15059226	VS-70	1	-38,40027087	-12,14759726	VS-70	1
-38,44063816	-12,15041872	VS-70	1	-38,42615241	-12,12474347	VS-70	1
-38,44039437	-12,15359029	VS-70	1	-38,40043459	-12,14892346	MV-250	1
-38,44013042	-12,15371941	VS-70	1	-38,42858309	-12,1177054	VS-250	1
-38,44013042	-12,15371941	VS-150	1	-38,41740449	-12,11905886	VS-150	1
-38,41196302	-12,14642022	VS-250	1	-38,414198	-12,13912019	MV-400	1
-38,41741796	-12,11019256	VS-70	1	-38,42249816	-12,19683761	VS-150	1
-38,39744089	-12,14236983	MV-400	1	-38,40598881	-12,14142208	MV-250	1
-38,41174874	-12,14759375	MV-250	1	-38,4410174	-12,15330466	VS-70	1
-38,39802199	-12,14668404	VS-70	1	-38,43973714	-12,15290125	VS-70	1
-38,44314318	-12,11420886	VS-70	1	-38,44480145	-12,13805339	MV-250	1
-38,36836949	-12,1301784	VS-70	1	-38,45109213	-12,15554274	VS-70	1
-38,46310539	-12,2606186	FL-85	1	-38,422317	-12,13783521	VS-400	2
-38,50364965	-12,23318004	MV-250	1	-38,43011808	-12,13496196	MV-250	1
-38,50364965	-12,23318004	VS-70	1	-38,41183446	-12,23716291	VS-70	1
-38,4300047	-12,14031361	MV-250	1	-38,50085352	-12,20179902	MV-400	1
-38,43649312	-12,13364866	MV-250	2	-38,50085352	-12,20179902	VS-70	1
-38,42100468	-12,13089535	VS-70	1	-38,45213939	-12,15481081	MV-250	1
-38,3989391	-12,12829368	VS-70	1	-38,45213939	-12,15481081	VS-70	1
-38,36625114	-12,18261472	MV-250	1	-38,41781071	-12,14476263	MV-250	1
-38,43300139	-12,14251864	VS-250	1	-38,42663335	-12,07354395	MV-250	1
-38,46433779	-12,25070813	VS-70	1	-38,40340793	-12,14215354	MV-250	1
-38,42314234	-12,12297318	VS-70	1	-38,41078802	-12,11853536	VS-70	1
-38,41890397	-12,13741198	MV-400	1	-38,50771982	-12,17716382	VS-70	1
-38,39815027	-12,1419187	VS-150	1	-38,41966502	-12,14495385	VS-150	1
-38,42081269	-12,13703707	MV-400	1	-38,44085812	-12,13043537	VS-250	1
-38,4433265	-12,11397217	VS-70	1	-38,44577888	-12,12694684	VS-70	1
-38,40401125	-12,14295178	MV-250	1	-38,44577888	-12,12694684	VS-250	1
-38,40401125	-12,14295178	LD-50	14	-38,42573185	-12,13554668	MV-400	2

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,40401125	-12,14295178	LD-50	10	-38,42573185	-12,13554668	VS-70	1
-38,3222878	-12,17913968	VS-70	1	-38,41707135	-12,12136864	MV-250	1
-38,50256797	-12,24713826	VS-70	1	-38,40449799	-12,14391849	VS-250	1
-38,40336296	-12,13793521	VS-250	1	-38,35792612	-12,1731714	VS-150	1
-38,40486627	-12,13406018	MV-250	1	-38,41167634	-12,11937032	VS-70	1
-38,43983489	-12,13831004	MV-250	1	-38,41947642	-12,11490703	VS-70	1
-38,44817144	-12,12646354	VS-70	1	-38,44101477	-12,15048975	VS-70	1
-38,4274479	-12,13865018	VS-250	6	-38,44101198	-12,1515477	VS-70	1
-38,50662987	-12,18233207	VS-70	1	-38,44101198	-12,1515477	VS-250	1
-38,50662987	-12,18233207	VS-250	1	-38,43970479	-12,15261638	VS-70	1
-38,49009652	-12,17359206	VS-70	1	-38,44074821	-12,15341421	VS-70	1
-38,41724445	-12,22833135	VS-70	1	-38,36182822	-12,18417201	VS-70	1
-38,41551621	-12,2188531	VS-70	1	-38,40385793	-12,13778349	VS-250	1
-38,41733451	-12,23030303	VS-70	1	-38,43307467	-12,1485419	VS-250	1
-38,40357442	-12,24579957	VS-70	1	-38,43307467	-12,1485419	VS-70	1
-38,43221799	-12,15046861	VS-70	2	-38,34329596	-12,21237446	VS-70	1
-38,42476729	-12,07695053	MV-400	1	-38,41124782	-12,24356294	VS-70	1
-38,41451962	-12,1465185	VS-150	1	-38,4179407	-12,14568905	MV-250	1
-38,38743871	-12,16284931	VS-70	1	-38,40571899	-12,14478923	MV-250	1
-38,43416628	-12,14652776	VS-70	1	-38,41370129	-12,14894355	VS-250	1
-38,43795806	-12,14077531	VS-250	1	-38,43789309	-12,13968037	VS-250	1
-38,36672782	-12,13448166	MV-250	1	-38,40581639	-12,14141062	MV-250	1
-38,40410297	-12,14356771	MV-250	1	-38,4059124	-12,14131854	MV-400	1
-38,40605673	-12,13193978	MV-250	1	-38,44032652	-12,15117408	VS-70	1
-38,40209628	-12,14266346	MV-250	1	-38,44181057	-12,15360998	VS-70	1
-38,40943129	-12,13916358	VS-250	1	-38,33417924	-12,21713371	VS-70	1
-38,39544087	-12,11408949	VS-70	1	-38,44405975	-12,14630536	MV-250	1
-38,44006817	-12,13223942	VS-70	1	-38,45907307	-12,15584869	MV-250	1
-38,42377892	-12,14479372	VS-70	1	-38,42427954	-12,13839726	MV-400	1
-38,41608139	-12,13274191	VS-250	1	-38,33207435	-12,18726622	VS-70	1
-38,4168099	-12,13800898	VS-400	1	-38,41588969	-12,20955185	VS-150	1
-38,4412448	-12,11378222	VS-70	1	-38,3878286	-12,16378959	VS-70	1
-38,43911477	-12,14545369	VS-250	1	-38,41020883	-12,13416749	VS-70	1
-38,43105978	-12,13832527	MV-250	1	-38,39395631	-12,1179119	VS-250	6
-38,40848799	-12,1353869	VS-250	1	-38,39395631	-12,1179119	VS-400	1
-38,42404146	-12,12058873	VS-70	1	-38,39395631	-12,1179119	VS-400	1
-38,41791472	-12,13960357	VS-250	1	-38,45482484	-12,1430921	MV-250	1
-38,41791472	-12,13960357	MV-250	1	-38,42768862	-12,14268039	VS-250	1
-38,40624459	-12,1555784	VS-70	1	-38,41128976	-12,12136443	MV-250	1
-38,40534908	-12,13628356	MV-250	1	-38,41128976	-12,12136443	FL-30	1
-38,42189507	-12,13539803	MV-400	1	-38,41115331	-12,00589268	VS-70	1
-38,44749311	-12,13075907	VS-150	1	-38,43177476	-12,13380872	VS-70	1
-38,44636005	-12,13247442	VS-70	1	-38,4394581	-12,12929707	VS-70	1
-38,44636005	-12,13247442	VS-250	1	-38,42946805	-12,13380034	MV-250	8
-38,40403462	-12,12568861	VS-70	1	-38,42946805	-12,13380034	VS-250	1
-38,38925639	-12,15556934	VS-150	1	-38,48458171	-12,13771202	VS-70	1
-38,44921139	-12,15511197	VS-70	1	-38,34444267	-12,21285276	VS-70	1
-38,44101298	-12,14637717	VS-250	1	-38,50173627	-12,24850159	VS-70	1
-38,46216483	-12,1406238	VS-250	1	-38,51090646	-12,19744537	VS-250	1
-38,43024302	-12,14631361	VS-250	1	-38,49557137	-12,21257517	MV-250	1
-38,43078967	-12,15355189	VS-250	1	-38,41081142	-12,23902191	VS-70	1
-38,44045372	-12,13628119	MV-250	1	-38,44682244	-12,15261065	VS-70	1
-38,43234971	-12,13890531	MV-250	1	-38,44682244	-12,15261065	VM-400	1
-38,43080801	-12,14162886	VS-70	1	-38,44490644	-12,12866544	VS-150	1
-38,4198647	-12,13757174	MV-400	1	-38,4128995	-12,21965639	VS-250	1
-38,4198647	-12,13757174	MV-400	1	-38,41027688	-12,12426882	MV-250	1
-38,4199355	-12,19472293	VS-70	1	-38,41027688	-12,12426882	VS-70	1
-38,4204588	-12,19506671	VS-70	1	-38,42666406	-12,13626916	VS-250	1
-38,44219482	-12,12983546	VS-70	1	-38,44486643	-12,13537041	VS-250	1
-38,44219482	-12,12983546	VS-250	1	-38,42012304	-12,13085361	VS-70	1
-38,43401647	-12,11947489	VS-400	1	-38,43194974	-12,15052192	VS-70	1
-38,42364972	-12,15040853	VS-70	1	-38,43071138	-12,15389021	VS-250	1
-38,42201805	-12,12707032	VS-70	1	-38,41700133	-12,11646117	VS-150	1
-38,4392865	-12,12278215	VS-70	1	-38,42883472	-12,14240588	MV-250	1
-38,4076246	-12,14380182	MV-250	1	-38,40057438	-12,14201148	MV-250	1
-38,42060971	-12,12300535	MV-250	1	-38,39709314	-12,1383032	VS-70	1
-38,42242754	-12,13719779	VS-400	1	-38,41930065	-12,19501139	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,42214814	-12,10549044	VS-70	2	-38,41900182	-12,19495966	VS-70	1
-38,39960231	-12,12439285	VS-250	1	-38,41755632	-12,13840023	MV-400	1
-38,42252134	-12,14111524	MV-400	1	-38,32632105	-12,17459135	VS-70	1
-38,41412357	-12,11258833	VS-70	1	-38,41314882	-12,11600282	VS-70	1
-38,47590984	-12,14424051	VS-70	1	-38,43096678	-12,00416446	VS-70	1
-38,43842144	-12,14179865	MV-250	1	-38,46831009	-12,14046135	VS-70	1
-38,41540289	-12,19890321	MV-400	1	-38,401443	-12,13395851	VS-70	1
-38,4159495	-12,20363154	VS-70	1	-38,42005469	-12,13654358	MV-400	2
-38,43789317	-12,12099714	MV-400	1	-38,41618149	-12,14167141	MV-250	1
-38,43789317	-12,12099714	VS-70	1	-38,4393781	-12,14370869	VS-250	1
-38,40542464	-12,12341193	VS-250	1	-38,39506462	-12,11604522	VS-70	1
-38,40542464	-12,12341193	VS-150	1	-38,4274397	-12,14377361	VS-250	1
-38,43955963	-11,93558529	VS-70	1	-38,4981609	-12,17127814	VS-70	1
-38,41948798	-12,14991401	MV-250	1	-38,42309134	-12,1428736	MV-250	1
-38,41188385	-12,12886853	VS-150	1	-38,43320541	-12,14903782	VS-70	1
-38,4070263	-12,14392682	MV-250	1	-38,43320541	-12,14903782	VS-250	1
-38,41362305	-12,11379039	VS-70	1	-38,50171627	-12,25022663	VS-70	1
-38,41985001	-12,14106404	MV-250	1	-38,4380731	-12,13190039	VS-250	1
-38,4463893	-12,15871674	VS-70	1	-38,43948148	-12,1311754	VS-250	1
-38,4449337	-12,15878656	VS-70	1	-38,43937809	-12,13000874	VS-70	1
-38,41667474	-12,12863697	MV-250	1	-38,43937809	-12,13000874	MV-250	1
-38,40267634	-12,13642681	MV-250	1	-38,44615426	-12,15366962	VS-70	1
-38,4591394	-12,22579965	VS-70	1	-38,41649117	-12,22187804	VS-70	1
-38,43815139	-12,13593369	MV-250	1	-38,2815665	-12,10807514	VS-70	1
-38,44947062	-12,12570883	VS-70	1	-38,43180802	-12,15550355	VS-250	1
-38,40907129	-12,14511184	MV-250	1	-38,42158318	-12,13347249	VS-250	1
-38,42807852	-12,1381306	VS-250	1	-38,42678976	-12,13930029	VS-400	1
-38,43281807	-12,13529704	VS-250	1	-38,46779918	-12,2238761	VS-70	1
-38,35477773	-12,20868457	VS-150	1	-38,46779918	-12,2238761	VS-70	1
-38,35477773	-12,20868457	VS-150	1	-38,43377777	-12,2353008	VS-70	1
-38,41343952	-12,20785144	VS-70	1	-38,41074468	-12,13530525	VS-70	1
-38,39973448	-12,22793459	VS-70	1	-38,44709971	-12,15524866	VS-250	1
-38,41252281	-12,23327633	VS-70	1	-38,4179128	-12,11840755	VS-70	1
-38,48636801	-12,22906457	VS-70	1	-38,40236553	-12,12889188	VS-70	1
-38,41900805	-12,15333247	MV-250	1	-38,3980051	-12,14870873	VS-70	1
-38,42447945	-12,14402853	VS-250	1	-38,41347127	-12,14634349	VS-70	1
-38,43260123	-12,12982449	VS-70	1	-38,46030333	-12,26261419	VS-70	1
-38,40452959	-12,14227013	MV-250	1	-38,50050302	-12,21587011	VS-70	1
-38,45188112	-12,14861427	VS-150	1	-38,38685458	-12,11665523	VS-70	1
-38,40011967	-12,14290636	MV-250	1	-38,38914461	-12,11303195	VS-150	1
-38,40011967	-12,14290636	VS-70	1	-38,44768422	-12,11207909	MV-250	1
-38,41626631	-12,13666521	VS-250	1	-38,44835304	-12,1562586	VS-70	1
-38,42166638	-12,12185704	VS-70	1	-38,48292885	-12,13851251	VS-70	1
-38,42515018	-11,93518502	VS-70	1	-38,40309299	-12,12666022	VS-70	1
-38,41434856	-12,12085242	MV-250	1	-38,40423127	-12,15172847	VS-70	1
-38,41434856	-12,12085242	VS-250	1	-38,43174033	-12,21309309	VS-70	1
-38,41434856	-12,12085242	VS-70	1	-38,44505315	-12,13299872	MV-250	1
-38,41036139	-12,1172303	VS-70	1	-38,43949445	-12,13581007	MV-250	2
-38,43001313	-12,11779381	MV-250	1	-38,43312129	-12,13420839	VS-250	1
-38,4324064	-12,14436361	VS-250	1	-38,43501972	-12,13757538	MV-250	1
-38,40427411	-12,22155041	VS-70	1	-38,40679634	-12,13483359	MV-250	1
-38,41367054	-12,14742507	MV-250	1	-38,43479471	-12,14323362	MV-250	1
-38,42171959	-12,13757896	VS-250	1	-38,42597693	-12,15323806	VS-70	1
-38,42679816	-12,12444813	VS-70	1	-38,41322797	-12,14372854	MV-250	1
-38,42679816	-12,12444813	MT-160	1	-38,40400969	-12,13149685	VS-250	1
-38,40594462	-12,14164519	MV-250	1	-38,40400969	-12,13149685	VS-70	1
-38,40351964	-12,1424768	MV-250	1	-38,29529307	-12,08334184	VS-70	1
-38,45017978	-12,14243207	VS-70	1	-38,38859501	-12,1540932	VS-150	1
-38,45017978	-12,14243207	VS-250	1	-38,38877918	-12,15509578	VS-150	1
-38,39589448	-12,15509324	VS-70	1	-38,38833651	-12,15554259	VS-150	1
-38,39888167	-12,19821756	VS-70	1	-38,40359618	-12,19850651	VS-250	1
-38,47974486	-12,1414539	VS-70	1	-38,41503635	-12,14723662	VS-250	1
-38,43668016	-12,12144706	VS-150	1	-38,41503635	-12,14723662	VS-70	1
-38,43668016	-12,12144706	MV-250	1	-38,47045575	-12,14019807	VS-70	1
-38,39911109	-12,22310969	VS-70	1	-38,40662518	-12,12059485	VS-70	1
-38,44005143	-12,14106145	VS-250	1	-38,49260483	-12,20528611	VS-70	1
-38,38696959	-12,11569023	VS-70	1	-38,38755618	-12,15303837	MV-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,28463813	-12,10537173	VS-70	1	-38,39989616	-12,22259137	VS-70	1
-38,42316216	-12,12353005	VS-70	1	-38,46042173	-12,13649797	VS-70	1
-38,40390631	-12,12135031	VS-70	1	-38,42179653	-12,11945995	VS-70	1
-38,40843463	-12,14496346	MV-250	1	-38,41021469	-12,14336354	MV-250	1
-38,42748242	-12,14176246	MV-250	1	-38,42184811	-12,11987099	VS-70	1
-38,42225964	-12,14771192	VS-250	1	-38,38304826	-12,22094111	MV-250	1
-38,42225964	-12,14771192	VS-250	1	-38,36163277	-12,17825308	VS-150	1
-38,3716879	-12,12999672	MV-250	1	-38,41539628	-12,14614017	VS-250	1
-38,3716879	-12,12999672	MV-400	1	-38,40532138	-12,12306693	VS-70	1
-38,3716879	-12,12999672	MV-400	1	-38,43025639	-12,15129191	VS-250	1
-38,3716879	-12,12999672	VS-70	1	-38,42518968	-12,14126025	VS-250	1
-38,45587648	-12,15295276	VS-70	1	-38,3971329	-12,14623347	VS-70	1
-38,45587648	-12,15295276	VS-250	1	-38,33346772	-12,18035132	VS-70	1
-38,45059005	-12,15516942	VS-70	1	-38,44736973	-12,15548359	VS-250	1
-38,45912488	-12,13845377	VS-70	1	-38,41391121	-12,13239974	VS-250	1
-38,41676635	-12,13555197	VS-70	1	-38,4407348	-12,1332604	MV-250	1
-38,45540977	-12,15402202	VS-70	1	-38,40170958	-12,1415027	MV-250	1
-38,41299996	-12,10091375	VS-70	1	-38,40170958	-12,1415027	VS-70	1
-38,50588644	-12,18626202	MV-250	1	-38,39889721	-12,13165574	VS-150	1
-38,40762993	-12,12560992	MV-250	1	-38,36589123	-12,09179858	VS-250	1
-38,49128148	-12,17879698	MV-250	1	-38,36589123	-12,09179858	VS-70	1
-38,44636942	-12,15353824	MV-70	1	-38,42276642	-12,13520863	VS-400	1
-38,40314036	-12,12487377	MV-400	1	-38,41631474	-12,12029365	MV-250	1
-38,40379807	-12,13499962	VS-70	1	-38,40659964	-12,13510022	MV-250	1
-38,44380479	-12,13465543	VS-70	1	-38,44719381	-12,13420547	VS-70	1
-38,47708464	-12,21692507	VS-70	2	-38,41249289	-12,2066015	VS-70	1
-38,41168249	-12,1504938	MV-250	1	-38,41249289	-12,2066015	VS-250	1
-38,42628638	-12,12423842	VS-70	2	-38,41672297	-12,15606014	VS-70	1
-38,39903624	-12,14940343	VS-70	1	-38,41672297	-12,15606014	VS-150	1
-38,43750653	-12,14045435	MV-250	1	-38,41672297	-12,15606014	VS-150	1
-38,41790317	-12,14712179	VS-250	1	-38,41677313	-12,12566969	VS-70	1
-38,43362309	-12,14441027	VS-250	1	-38,41677313	-12,12566969	VS-70	1
-38,40436293	-12,14015016	VS-150	1	-38,4509581	-12,15948624	VS-70	1
-38,42104969	-12,14236025	VS-250	1	-38,40995458	-12,15821551	VS-150	1
-38,40539399	-12,126887	VS-70	1	-38,41142298	-12,13200855	MV-250	1
-38,401988	-12,14100687	VS-70	2	-38,4003046	-12,14926343	VS-250	3
-38,44702844	-12,15989861	VS-70	1	-38,42895214	-12,1359148	VS-250	1
-38,42823969	-12,15280524	MV-250	1	-38,42895214	-12,1359148	MV-250	9
-38,44264516	-12,13495611	VS-250	1	-38,44411801	-12,15782728	VS-70	1
-38,42048231	-12,14014587	MV-400	1	-38,44582773	-12,15713921	VS-70	1
-38,4901546	-12,23366168	VS-70	1	-38,4453977	-12,15899384	VS-70	1
-38,41187149	-12,14325038	MV-250	1	-38,44477286	-12,1571101	VS-70	1
-38,43831808	-12,1446353	VS-250	1	-38,44311106	-12,13227531	VS-70	1
-38,40209134	-12,13382189	MV-400	1	-38,43676815	-12,12810542	VS-70	2
-38,40209134	-12,13382189	VS-70	1	-38,43352641	-12,13074536	VS-250	1
-38,42994305	-12,1280837	VS-70	1	-38,43352641	-12,13074536	VS-250	1
-38,41938824	-12,14697467	VS-250	1	-38,41813231	-12,14141587	MV-250	1
-38,44212436	-12,14376771	VS-70	1	-38,30718965	-12,05987196	VS-70	1
-38,44142482	-12,11336549	VS-70	1	-38,418053	-12,15117688	MV-250	1
-38,48778983	-12,17403366	VS-70	1	-38,418053	-12,15117688	MV-250	1
-38,41033299	-12,13597856	MV-250	1	-38,43149891	-12,15056097	VS-250	1
-38,40094623	-12,15258006	MV-400	1	-38,4009498	-12,03079241	VS-70	2
-38,41350299	-12,14794683	MV-250	1	-38,44388731	-12,14571547	VS-70	1
-38,4207793	-12,15324224	VS-250	1	-38,39709367	-12,14278271	MV-400	1
-38,43091973	-12,15096359	VS-250	1	-38,43270143	-12,1450403	VS-70	1
-38,44305582	-12,12400353	VS-250	1	-38,40884635	-12,13062359	MV-400	1
-38,4055254	-12,11940653	VS-70	1	-38,40884635	-12,13062359	VS-70	1
-38,43701974	-12,13808204	MV-250	1	-38,41419343	-12,11573516	VS-70	1
-38,44163262	-12,11250686	VM-250	1	-38,42464861	-12,19762257	VS-70	1
-38,46044821	-12,13954715	VS-70	1	-38,40052781	-12,20793143	VS-70	1
-38,46044821	-12,13954715	VS-150	1	-38,44865804	-12,15647863	VS-70	1
-38,41334455	-12,20970976	VS-150	1	-38,41752968	-12,1396986	VS-250	1
-38,40330801	-12,12802861	MV-250	1	-38,35429939	-12,20966789	VS-70	1
-38,41773133	-12,13906192	VS-250	1	-38,35429939	-12,20966789	MV-250	1
-38,44323647	-12,1246671	VS-250	1	-38,41472798	-12,13110528	VS-250	1
-38,39768293	-12,13324518	VS-70	1	-38,37694728	-12,10658098	VS-70	1
-38,39941788	-12,1533101	VS-70	1	-38,39690412	-12,12930464	MV-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,44959948	-12,12654262	VS-70	1	-38,39758452	-12,14192252	MV-400	1
-38,44905137	-12,12669754	VS-70	1	-38,44356816	-12,13337873	MV-250	1
-38,44768857	-12,12702625	VS-250	1	-38,44356816	-12,13337873	MV-250	1
-38,44768857	-12,12702625	MV-250	1	-38,44367499	-12,15447146	VS-70	1
-38,40886379	-12,11802485	MV-400	1	-38,44263803	-12,15404168	VS-70	1
-38,40886379	-12,11802485	VS-250	1	-38,43151986	-12,10513552	VS-250	1
-38,41901088	-12,13795219	MV-400	1	-38,43125639	-12,14943521	VS-250	1
-38,4355014	-12,13004043	VS-150	1	-38,44259312	-12,12442186	VS-70	1
-38,41773622	-12,13478785	MV-400	1	-38,42951969	-12,14349357	VS-70	1
-38,40674456	-12,15596512	VS-70	1	-38,41981809	-12,12981029	MV-250	1
-38,41841892	-12,11859292	VS-70	1	-38,41851017	-12,13805954	MV-400	1
-38,41841892	-12,11859292	VS-70	1	-38,46281906	-12,14195939	VS-70	1
-38,48717609	-12,22897868	VS-250	1	-38,39133984	-12,15556652	VS-150	1
-38,48717609	-12,22897868	VS-70	1	-38,39080317	-12,15587535	MV-150	1
-38,41449139	-12,11404662	VS-70	1	-38,39080317	-12,15587535	MV-400	4
-38,42893312	-12,11761874	MV-250	1	-38,4174933	-12,14610978	MV-250	1
-38,42735422	-12,12864454	VS-150	1	-38,44073813	-12,13741371	VS-250	1
-38,44753946	-12,13117952	VS-70	1	-38,44000773	-12,10728095	VS-70	1
-38,44309648	-12,11340718	VS-70	1	-38,40324277	-12,24601286	VS-70	1
-38,42264638	-12,13518361	MV-400	1	-38,43591994	-12,12809504	VS-70	1
-38,40547965	-12,12387942	VS-70	1	-38,4217068	-12,13821304	MV-400	1
-38,40547965	-12,12387942	MV-250	1	-38,29356821	-12,08028015	VS-70	1
-38,42167799	-12,14787356	VS-400	1	-38,41748298	-12,14477689	MV-250	1
-38,3897544	-12,1560104	VS-150	1	-38,43505811	-12,1395903	MV-250	1
-38,42264803	-12,12806702	VS-250	1	-38,43136268	-12,14699771	VS-250	2
-38,42264803	-12,12806702	VS-250	2	-38,42183301	-12,1543702	VS-70	1
-38,4373798	-12,13585867	MV-250	1	-38,39981123	-12,13922261	VS-70	1
-38,36070943	-12,16620149	VS-70	1	-38,39981123	-12,13922261	VS-250	2
-38,43223478	-12,1370853	MV-250	1	-38,41835134	-12,13033699	VS-70	1
-38,43522308	-12,13698536	MV-250	1	-38,35912274	-12,1923947	VS-70	1
-38,41129632	-12,12822558	MV-250	1	-38,43853121	-12,24445473	VS-70	1
-38,44516314	-12,13154809	VS-250	1	-38,43853121	-12,24445473	VS-70	1
-38,44516314	-12,13154809	VS-70	1	-38,41242295	-12,15514015	VS-70	1
-38,41499796	-12,14430857	VS-70	1	-38,40744801	-12,13504354	VS-250	1
-38,44632216	-12,13454209	MV-250	1	-38,41400804	-12,13819192	VS-250	1
-38,44632216	-12,13454209	VS-70	1	-38,44085071	-12,15101491	VS-250	1
-38,46183814	-12,14195379	VS-70	1	-38,44088327	-12,15404181	VS-70	1
-38,42122331	-12,13465002	VS-250	1	-38,44068936	-12,15142511	VS-70	1
-38,44543678	-12,12323845	VS-70	1	-38,4025746	-12,13920515	VS-150	1
-38,44563674	-12,11170925	VS-70	1	-38,40601801	-12,13569359	MV-250	1
-38,44563674	-12,11170925	MV-250	1	-38,5087346	-12,24695162	VS-70	1
-38,41919412	-12,13735354	MV-400	1	-38,5087346	-12,24695162	VS-70	1
-38,43852976	-12,13412535	MV-250	1	-38,35617268	-12,21011453	VS-70	1
-38,43731309	-12,13110036	VS-250	1	-38,33417437	-12,17654631	VS-70	1
-38,42697306	-12,14036579	VS-250	2	-38,33398602	-12,1801646	VS-70	1
-38,4198278	-12,23275471	VS-70	1	-38,37207717	-11,99422382	VS-70	1
-38,42996919	-12,14626882	VS-250	1	-38,46452888	-11,94145532	VS-70	1
-38,43951263	-12,14325138	MV-250	1	-38,37653139	-11,97103099	MV-400	4
-38,44397012	-12,11364796	VS-250	1	-38,37653139	-11,97103099	VS-250	1
-38,44634234	-12,11442776	VS-250	1	-38,37653139	-11,97103099	VS-70	1
-38,44503142	-12,11310306	MV-250	1	-38,40161835	-11,947693	VS-70	1
-38,41989611	-12,2544862	MV-400	1	-38,36265628	-12,00859732	VS-70	1
-38,41989611	-12,2544862	VS-70	1	-38,35666624	-11,99958402	VS-70	1
-38,4353301	-12,20112836	VS-250	1	-38,35300954	-11,99391072	VS-70	1
-38,41179971	-12,13447781	VS-400	1	-38,36362175	-11,99013115	VS-70	1
-38,40248229	-12,20543201	VS-70	1	-38,35593625	-12,03422047	VS-70	1
-38,40445445	-12,12485871	VS-70	1	-38,37725132	-11,95569863	MV-250	1
-38,43871636	-12,13152511	VS-70	1	-38,37957306	-12,04596056	VS-70	1
-38,43686649	-12,12679539	VS-150	1	-38,41900003	-12,00468599	VS-70	1
-38,4145194	-12,13380943	MV-250	1	-38,36267297	-12,01005732	VS-70	1
-38,46113314	-12,14128711	VS-70	1	-38,36267297	-12,01005732	MV-250	1
-38,48897489	-12,22823208	VS-70	1	-38,38294484	-11,94944119	VS-70	1
-38,41635466	-12,12553528	VS-70	2	-38,37695313	-11,97123097	VS-70	1
-38,41371138	-12,10213375	VS-70	1	-38,39751249	-11,94509923	VS-70	1
-38,41227139	-12,12465198	VS-70	1	-38,40024424	-11,9372264	VS-70	1
-38,44492642	-12,12350109	VS-70	1	-38,40024424	-11,9372264	VS-400	1
-38,43630309	-12,1302304	VS-250	1	-38,39878161	-11,9448197	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,41395468	-12,1457352	VS-70	1	-38,3775663	-11,95724239	VS-250	1
-38,41395468	-12,1457352	VS-250	2	-38,3775663	-11,95724239	MV-400	1
-38,41134804	-12,1315286	MV-250	1	-38,37410133	-12,03001897	VS-70	1
-38,41551092	-12,1467741	VS-70	2	-38,37464302	-12,02603395	VS-70	1
-38,41077555	-12,13935354	LD-100	1	-38,42160851	-11,9455185	VS-70	1
-38,43053467	-12,15361522	VS-250	1	-38,37053467	-11,99394744	VS-70	1
-38,41471939	-12,13726351	VS-250	1	-38,39077656	-11,94221966	VS-70	1
-38,38062964	-12,10423195	VS-70	1	-38,36612522	-11,99092635	VS-70	1
-38,44440441	-12,15870057	VS-70	1	-38,39168155	-11,95725789	VS-70	1
-38,37729778	-12,10632298	VS-70	1	-38,38839152	-11,94144634	VS-70	1
-38,46053982	-12,15642702	VS-250	1	-38,34908457	-11,9773041	VS-70	1
-38,42647138	-12,14593194	MV-250	1	-38,41426506	-11,94464319	VS-70	1
-38,42647138	-12,14593194	MV-250	1	-38,3711897	-11,9931541	VS-70	1
-38,42094201	-12,12145085	VS-250	1	-38,37391194	-11,98578175	VS-70	1
-38,43090955	-12,14726385	VS-250	1	-38,37391194	-11,98578175	VS-250	1
-38,4146995	-12,14807501	VS-150	1	-38,37181571	-11,99509006	VS-70	1
-38,40064799	-12,13641351	MV-400	1	-38,46358388	-11,94033529	VS-70	1
-38,40064799	-12,13641351	MV-250	1	-38,36510576	-11,99067687	VS-70	1
-38,41432737	-12,12118218	MV-150	1	-38,44935042	-11,93454527	VS-70	1
-38,43912644	-12,13907365	VS-250	1	-38,40530173	-11,93823651	VS-70	3
-38,42991776	-12,14551692	VS-250	1	-38,41200963	-12,16552503	VS-150	1
-38,4198947	-12,12508533	MV-250	1	-38,41200963	-12,16552503	VS-250	1
-38,43488147	-12,13275035	VS-70	1	-38,36461792	-12,0921102	VS-70	1
-38,43488147	-12,13275035	VS-250	1	-38,36900974	-12,11213237	VS-70	1
-38,43392808	-12,12936541	MV-250	1	-38,36789621	-12,09333355	VS-70	1
-38,39842892	-12,12587884	MV-250	1	-38,35919957	-12,0907452	VS-70	2
-38,48105785	-12,23163551	VS-70	1	-38,36216646	-12,09417323	VS-70	2
-38,41698849	-12,13776413	MV-400	1	-38,41231297	-12,16532009	MV-250	1
-38,42923144	-12,13272703	VS-250	1	-38,37407791	-12,1434193	VS-70	1
-38,41914637	-12,12610203	VS-70	1	-38,35167096	-12,08247779	VS-70	1
-38,41914637	-12,12610203	MV-250	1	-38,3903162	-12,1325938	VS-70	1
-38,41914637	-12,12610203	MV-250	1	-38,37066787	-12,10049691	VS-70	1
-38,41914637	-12,12610203	MV-250	1	-38,3663646	-12,05091383	VS-70	1
-38,41372806	-12,12417031	VS-70	1	-38,33445923	-12,03220656	VS-70	1
-38,41939973	-12,12262202	VS-250	1	-38,34004943	-12,07935516	VS-70	1
-38,41939973	-12,12262202	VS-70	1	-38,36755959	-12,09404523	VS-70	1
-38,41564977	-12,11587055	VS-70	1	-38,3956612	-12,15452503	VS-70	1
-38,40363629	-12,13615685	VS-70	1	-38,39118293	-12,12290353	VS-70	1
-38,41318962	-12,13284724	MV-250	1	-38,38212662	-12,10731906	VS-70	1
-38,36317777	-12,18522806	VS-70	1	-38,3665295	-12,13601502	VS-70	1
-38,41310804	-12,12581196	MV-400	1	-38,3676545	-12,12966343	VS-70	1
-38,41310804	-12,12581196	VS-70	1	-38,29685645	-12,03609872	VS-250	1
-38,43827978	-12,12211544	VS-70	1	-38,37130962	-12,04741055	VS-70	1
-38,41601155	-12,13449162	VS-250	1	-38,37394904	-12,14196134	VS-250	1
-38,41868449	-12,13899122	MV-250	1	-38,36545668	-12,12941846	VS-70	1
-38,44077813	-12,14294036	VS-70	1	-38,37532114	-12,14560499	VS-70	1
-38,40689296	-12,14562351	VS-70	1	-38,39235281	-12,14308753	MV-250	1
-38,40500629	-12,13731856	MV-250	1	-38,4143862	-12,17092646	VS-70	1
-38,45589559	-12,15403729	VS-70	1	-38,38032965	-12,10401022	VS-70	1
-38,44592558	-12,1339374	VS-70	1	-38,39183964	-12,13156513	VS-70	1
-38,41012455	-12,13320692	VS-70	1	-38,34596115	-12,0803102	VS-70	1
-38,4163864	-12,1216453	MV-250	1	-38,41510109	-12,16430135	VS-70	1
-38,44730573	-12,1606092	VS-70	1	-38,3615579	-12,04954046	VS-70	1
-38,44662487	-12,16021849	VS-70	1	-38,35747281	-12,0894302	VS-70	1
-38,41813302	-12,13300365	MV-250	1	-38,31456177	-12,09564627	VS-250	1
-38,42855691	-12,12546825	VS-70	1	-38,33885962	-12,04834598	VS-70	1
-38,44759263	-12,16050718	VS-150	1	-38,41364909	-12,20618536	VS-250	1
-38,44663522	-12,1608341	VS-70	1	-38,3679502	-11,99967838	VS-70	1
-38,44660031	-12,1581251	VS-70	1	-38,45482049	-12,22345929	MV-250	1
-38,4106443	-12,12797385	VS-150	1	-38,45939906	-12,23099077	VS-70	1
-38,4158112	-12,11505596	VS-70	1	-38,47200057	-12,20863317	VS-70	1
-38,39127489	-11,94084468	VS-70	1	-38,47200057	-12,20863317	VS-70	1
-38,41286121	-12,11728644	MV-250	1	-38,47373647	-12,22429047	VS-70	1
-38,40809131	-12,13150691	VS-70	1	-38,46646289	-12,22929327	MV-150	1
-38,37401991	-12,13659366	VS-70	1	-38,46646289	-12,22929327	VS-70	1
-38,42029407	-12,14538401	VS-70	1	-38,44994557	-12,2320305	VS-70	1
-38,3991396	-12,15143673	VS-400	1	-38,4627879	-12,22720493	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,3991396	-12,15143673	MV-400	1	-38,47262561	-12,2157657	VS-70	1
-38,46678906	-12,24740301	VS-70	1	-38,46695123	-12,23537322	VS-70	2
-38,37767738	-11,95931619	VS-70	1	-38,45278068	-12,23165108	VS-70	1
-38,42695422	-12,07390167	MV-400	6	-38,48235493	-12,2441029	VS-70	1
-38,42626155	-12,15237252	VS-70	1	-38,48235493	-12,2441029	VS-70	1
-38,42369634	-12,16266849	MT-500	1	-38,4735496	-12,2414882	VS-70	1
-38,38880488	-11,99012098	VS-70	1	-38,45457596	-12,22706698	VS-70	1
-38,42799223	-12,13774285	VS-250	1	-38,47631581	-12,22215417	MV-250	1
-38,40175293	-12,14016846	VS-70	1	-38,45365715	-12,23218969	VS-70	1
-38,41620969	-12,11672534	VS-250	1	-38,47636114	-12,22169055	VS-70	1
-38,41620969	-12,11672534	VS-70	1	-38,47636114	-12,22169055	VS-70	1
-38,42301449	-12,13444652	VS-250	1	-38,47092018	-12,22249638	VS-70	1
-38,43683814	-12,12409046	VS-250	1	-38,46311625	-12,22426324	VS-70	1
-38,43683814	-12,12409046	MV-400	8	-38,47507646	-12,24622092	VS-70	1
-38,43300383	-12,11774442	MV-250	1	-38,45534123	-12,22367292	VS-70	1
-38,40723969	-12,12347359	VS-70	1	-38,47461853	-12,22218267	VS-70	1
-38,40731247	-12,14387774	MV-250	1	-38,47534672	-12,24591348	VS-70	1
-38,50619485	-12,18680372	MV-250	1	-38,45091151	-12,23288605	VS-70	1
-38,44643989	-12,15766553	VS-70	1	-38,4666162	-12,24402145	VS-70	1
-38,40419632	-12,14450014	MV-250	1	-38,47449978	-12,22310927	VS-70	1
-38,41059138	-12,11882032	VS-400	1	-38,47449978	-12,22310927	VS-70	1
-38,41059138	-12,11882032	VS-70	1	-38,45799851	-12,22628063	VS-70	1
-38,44148988	-12,10875717	VS-70	1	-38,45446841	-12,22958287	VS-70	1
-38,42971646	-12,14467136	VS-250	1	-38,45176707	-12,23305861	VS-70	1
-38,42724987	-12,13833772	MV-250	1	-38,47093135	-12,22295467	VS-70	1
-38,42724987	-12,13833772	MV-250	1	-38,4558998	-12,2229499	VS-70	1
-38,28067482	-12,10757009	VS-250	1	-38,4685746	-12,2254249	VS-70	1
-38,40615666	-12,1226833	VS-70	1	-38,47099568	-12,22441352	VS-70	1
-38,3997277	-12,12580132	MV-150	1	-38,46992187	-12,21224611	VS-70	1
-38,44404816	-12,12793377	VS-250	1	-38,46992187	-12,21224611	VS-70	1
-38,45684671	-12,2536019	VS-70	1	-38,45123701	-12,23218125	VS-70	1
-38,43023226	-12,2069216	VS-70	1	-38,47251727	-12,25066384	VS-70	1
-38,42995356	-12,21621602	VS-70	1	-38,44929576	-12,23310167	VS-70	1
-38,44040642	-12,14073535	VS-70	1	-38,48345059	-12,24689447	VS-70	1
-38,43721559	-12,23774073	VS-70	1	-38,44869967	-12,23241375	VS-70	1
-38,41843299	-12,14261359	MV-250	1	-38,45484191	-12,22611234	VS-70	1
-38,43708143	-12,13916863	MV-250	1	-38,47038638	-12,21547308	VS-70	1
-38,43709309	-12,14168368	VS-150	1	-38,46376129	-12,22241993	VS-70	1
-38,44418339	-12,11545652	MV-250	1	-38,48295983	-12,24541704	VS-70	1
-38,39185932	-12,14386317	MV-250	1	-38,47451288	-12,24017652	MV-250	1
-38,44625452	-12,13387997	VS-70	1	-38,41454852	-12,17020831	VS-70	1
-38,41070702	-12,15628946	MV-250	1	-38,338116	-12,16424808	MV-400	3
-38,42352455	-12,14053424	MV-400	1	-38,338116	-12,16424808	VS-70	1
-38,40357803	-12,12796523	VS-70	1	-38,338116	-12,16424808	MV-250	1
-38,43445814	-12,12857541	MV-250	1	-38,31784623	-12,07232688	VS-250	1
-38,35147107	-12,20315292	VS-70	1	-38,36455575	-12,16248677	VS-70	1
-38,44267156	-12,1362014	VS-70	1	-38,3400994	-12,1616814	VS-70	1
-38,44267156	-12,1362014	VS-250	1	-38,31217766	-12,06984781	VS-70	1
-38,4262019	-12,15198187	VS-70	1	-38,36418067	-12,15585886	VS-70	1
-38,4137628	-12,16679374	VS-70	1	-38,36633229	-12,16423949	VS-70	1
-38,44514474	-12,14291865	VS-150	1	-38,33961275	-12,16151644	VS-70	1
-38,40602134	-12,13816521	MV-250	1	-38,36717846	-12,16359394	VS-70	1
-38,40624616	-12,12846018	VS-150	1	-38,34814108	-12,16397314	VS-70	1
-38,40624616	-12,12846018	MV-250	1	-38,31693625	-12,07179853	VS-250	1
-38,43937643	-12,13733037	MV-250	1	-38,36712697	-12,15722482	VS-70	1
-38,40703631	-12,11916698	VS-70	1	-38,39221038	-12,15378327	VS-70	1
-38,49390481	-12,17389202	VS-70	1	-38,37063683	-12,17257382	VS-70	1
-38,40638301	-12,14406849	MV-250	1	-38,38435618	-12,15484003	VS-250	1
-38,41317634	-12,15356515	VS-70	1	-38,34142768	-12,16016814	VS-70	1
-38,44877773	-12,16487676	VS-70	1	-38,43558783	-12,2304398	VS-70	1
-38,41526616	-12,20009651	VS-70	1	-38,36755133	-12,1577488	VS-70	1
-38,42170298	-12,15318515	VS-70	1	-38,36589051	-12,16044196	VS-70	1
-38,42345304	-12,13801032	MV-400	1	-38,31392175	-12,07224364	VS-70	1
-38,41983633	-12,1490252	VS-250	1	-38,38934883	-12,15163216	MV-250	1
-38,40428636	-12,12637856	MV-250	1	-38,34733942	-12,16351482	VS-70	1
-38,38793771	-12,15280389	MV-250	1	-38,31666957	-12,07164354	VS-250	1
-38,41381968	-12,13715859	VS-250	1	-38,43551289	-12,22344484	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,40466964	-12,12622196	VS-70	1	-38,31233091	-12,07389238	VS-70	1
-38,39879463	-12,12698841	MV-150	1	-38,2929214	-12,0861002	VS-70	1
-38,39942919	-12,12613496	MV-150	1	-38,29364637	-12,08465183	VS-70	1
-38,4227878	-12,12738367	VS-70	2	-38,40626734	-12,14494124	VS-250	1
-38,4227878	-12,12738367	MV-250	1	-38,37129777	-12,18649308	VS-70	1
-38,41638768	-12,14146294	MV-250	1	-38,28644642	-12,09816677	MV-250	1
-38,50304288	-12,23831444	VS-70	1	-38,28435475	-12,11396173	VS-70	1
-38,50986146	-12,18998874	VS-70	1	-38,36079109	-12,18485976	MV-250	1
-38,48343263	-12,23389576	VS-70	1	-38,36631853	-12,18399902	VS-70	1
-38,44327611	-12,15547359	MV-70	1	-38,36338944	-12,18607637	VS-70	1
-38,41385841	-12,15209412	VS-70	1	-38,28710475	-12,09670183	MV-250	1
-38,42268511	-12,19782724	VS-70	1	-38,35893937	-12,18659302	MV-250	1
-38,40805647	-12,13994524	MV-400	1	-38,28340981	-12,09906344	VS-70	1
-38,40805647	-12,13994524	VS-400	1	-38,35738438	-12,19655629	VS-70	1
-38,43191153	-12,10480719	VS-70	1	-38,3589739	-12,18628901	VS-70	1
-38,40338462	-12,12906689	MV-250	1	-38,28389811	-12,1136601	FL-30	1
-38,44516146	-12,22018863	VS-70	1	-38,34858773	-12,1900346	VS-70	1
-38,40769301	-12,13511524	MV-250	1	-38,36351109	-12,18651468	VS-70	1
-38,39364016	-12,1493287	MV-250	1	-38,29480973	-12,08356185	VS-70	1
-38,36418286	-12,09188028	VS-70	1	-38,29804968	-12,08290346	VS-70	2
-38,44438564	-12,11563163	MV-250	1	-38,29432307	-12,08383688	VS-70	1
-38,44462044	-12,11476378	MV-250	1	-38,36264276	-12,18354477	VS-250	1
-38,44462044	-12,11476378	MV-400	1	-38,36273944	-12,17845309	VS-70	1
-38,44693483	-12,11344849	MV-250	1	-38,28737972	-12,09623012	VS-70	1
-38,37863656	-12,13402297	VS-70	1	-38,28737972	-12,09623012	VS-250	1
-38,43001471	-12,13416867	VS-250	1	-38,40708117	-12,12685339	MV-250	1
-38,42375257	-12,1412598	VS-250	1	-38,40708117	-12,12685339	VS-250	1
-38,45715194	-12,25133266	VS-70	2	-38,40708117	-12,12685339	VS-250	1
-38,42395221	-12,13401334	MV-400	1	-38,40648268	-12,1264274	MV-250	1
-38,42395221	-12,13401334	VS-250	1	-38,40648268	-12,1264274	MV-400	1
-38,40616462	-12,14308685	MV-250	1	-38,40648268	-12,1264274	MV-250	1
-38,43059802	-12,13870369	MV-250	1	-38,50976725	-12,18946746	VS-70	1
-38,43022971	-12,13598202	MV-250	1	-38,48859309	-12,17760034	VS-250	1
-38,41867641	-12,13240695	MV-250	1	-38,41313281	-12,20713151	VS-70	1
-38,40065119	-12,20266145	VS-70	1	-38,42332325	-12,13401072	VS-400	1
-38,42070466	-12,13407532	MV-250	1	-38,42332325	-12,13401072	MV-250	1
-38,39753524	-12,12686577	MV-250	1	-38,46916785	-12,25458305	MV-250	2
-38,40027474	-12,12414108	MV-250	1	-38,47988952	-12,26173306	VS-70	1
-38,41448988	-12,17431438	VS-400	1	-38,43797451	-12,24576303	VS-70	1
-38,41445168	-12,17386588	VS-400	1	-38,40680406	-12,12136898	VS-70	1
-38,44375648	-12,12944209	VS-250	1	-38,39540288	-12,15099008	VS-70	1
-38,41715468	-12,12534695	VS-250	1	-38,41174469	-12,1364819	VS-250	1
-38,44181275	-12,14702615	VS-250	1	-38,43083137	-12,13901028	MV-250	1
-38,41014632	-12,13141859	MV-250	1	-38,41654467	-12,13462193	MV-250	1
-38,43125309	-12,11668211	VS-250	1	-38,40434629	-12,14587519	MV-250	1
-38,42874484	-12,10043553	VS-70	1	-38,51092275	-12,18121177	VS-70	1
-38,43377141	-12,12565537	VS-70	1	-38,40388801	-12,12446527	VS-70	1
-38,4164909	-12,20866403	VS-150	1	-38,41515802	-12,14545518	VS-250	1
-38,40963778	-12,21852432	VS-70	1	-38,41515802	-12,14545518	VS-250	1
-38,50652314	-12,18967205	MV-250	1	-38,38674144	-11,99328594	VS-70	1
-38,50511816	-12,18429369	MV-250	1	-38,423336	-12,13752766	MV-400	1
-38,50511816	-12,18429369	VS-150	1	-38,423336	-12,13752766	VS-400	1
-38,50511816	-12,18429369	MV-250	1	-38,39871554	-12,13190992	VS-70	1
-38,41607656	-12,15628808	MV-250	1	-38,43471096	-12,23484478	VS-70	1
-38,40867413	-12,1299891	MV-250	1	-38,42254701	-12,12760109	VS-70	1
-38,44488479	-12,12755842	VS-150	1	-38,39832771	-12,13101961	MV-250	1
-38,35082108	-12,12800335	VS-70	1	-38,43126682	-12,13600805	VS-250	1
-38,42930304	-12,15140019	VS-250	1	-38,41616397	-12,13008064	VS-70	1
-38,40179994	-12,12883803	MV-250	1	-38,38840131	-12,11431192	VS-70	1
-38,41261473	-12,12520364	VS-70	1	-38,44511471	-12,15368296	VS-70	1
-38,43298464	-12,0405535	VS-70	1	-38,44285635	-12,15316965	VS-150	1
-38,43677647	-12,1325704	VS-250	1	-38,41466469	-12,13691526	VS-250	1
-38,42126468	-12,13618859	MV-400	2	-38,44239976	-12,12976046	VS-250	1
-38,40716632	-12,12238362	VS-70	1	-38,42092463	-12,15517519	VS-70	1
-38,36631613	-12,13030001	VS-70	1	-38,41841304	-12,14171857	MV-250	1
-38,43394474	-12,13080203	VS-70	1	-38,41676298	-12,14541191	MV-250	1
-38,43394474	-12,13080203	VS-70	1	-38,41699723	-12,1435263	MV-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,43394474	-12,13080203	VS-250	1	-38,42722786	-12,22620972	VS-70	1
-38,45344151	-12,14035205	MV-250	1	-38,41904302	-12,14140609	MV-250	1
-38,42946648	-12,11702712	MV-250	1	-38,4300831	-12,13774368	MV-250	1
-38,42343023	-12,15054065	VS-250	1	-38,42538978	-12,12554038	VS-70	1
-38,4326214	-12,13734034	MV-250	1	-38,42538978	-12,12554038	MV-250	1
-38,39850048	-12,14302843	VS-70	1	-38,45579762	-12,15426397	VS-70	1
-38,40277303	-12,15043885	MV-250	1	-38,41970703	-12,14691598	VS-250	2
-38,40725133	-12,1461085	MV-250	1	-38,412188	-12,14444849	MV-250	1
-38,42741967	-12,14488189	MV-400	1	-38,42184856	-12,13454581	MV-400	1
-38,42741967	-12,14488189	VS-250	2	-38,44847997	-12,16487104	VS-70	1
-38,43338472	-12,14434193	VS-70	1	-38,46598822	-12,1412288	VS-250	1
-38,42233468	-12,13948523	VS-70	1	-38,43420674	-12,00611446	VS-70	1
-38,413098	-12,11718209	VS-70	1	-38,40150128	-12,13644185	MV-250	1
-38,38844762	-12,15365501	VS-150	1	-38,37771277	-12,10450744	VS-70	1
-38,42739137	-12,12579632	VS-70	1	-38,50118962	-12,24990989	VS-70	1
-38,44318815	-12,13591376	VS-70	1	-38,40207352	-12,10649886	VS-70	2
-38,44318815	-12,13591376	MV-250	1	-38,41643604	-12,14980501	VS-250	1
-38,387082	-12,1547107	VS-150	1	-38,41643604	-12,14980501	VS-250	1
-38,40287037	-12,20587317	VS-70	1	-38,43124474	-12,13853194	MV-250	1
-38,38928131	-12,11498686	VS-70	1	-38,42089106	-12,2544045	VS-70	1
-38,42274804	-12,14884853	MV-400	1	-38,44496638	-12,14670204	MV-250	1
-38,43896816	-12,12958876	MV-250	1	-38,35739274	-12,17239313	MV-250	1
-38,43896816	-12,12958876	VS-70	1	-38,39065298	-12,1132919	VS-70	1
-38,43563139	-12,13563203	VS-250	1	-38,42469575	-12,13295857	VS-250	1
-38,43746981	-12,13148541	MV-250	1	-38,41082784	-12,2007015	VS-70	1
-38,40025125	-12,14559177	MV-250	1	-38,5128215	-12,17627047	VS-70	1
-38,41874726	-12,1559993	VS-70	1	-38,43733311	-12,12287374	VS-70	1
-38,47488256	-12,13942889	VS-70	1	-38,44134266	-12,14185695	VS-250	1
-38,43347477	-12,11781711	MV-250	1	-38,44134266	-12,14185695	MV-250	1
-38,38846152	-11,95741122	VS-70	1	-38,403933	-12,13103187	MV-250	1
-38,45553811	-12,1554426	VS-70	1	-38,41233299	-12,14931015	MV-250	1
-38,41271161	-11,99912435	VS-70	1	-38,42496473	-12,13858694	VS-250	1
-38,40897389	-12,12783004	VS-70	1	-38,41491638	-12,11325874	VS-70	1
-38,48254945	-12,20599141	VS-70	1	-38,40349206	-12,20608612	VS-70	1
-38,41684133	-12,12491862	VS-250	1	-38,42764808	-12,14183357	VS-250	8
-38,41165809	-12,11131203	VS-70	1	-38,4002445	-12,19771816	VS-250	1
-38,41127299	-12,14993513	MV-250	1	-38,42951864	-12,21585425	VS-70	1
-38,46615655	-12,13879886	VS-70	1	-38,40979089	-12,13006507	MV-400	1
-38,44634171	-12,15818343	VS-70	1	-38,40979089	-12,13006507	VS-250	1
-38,42714474	-12,14310612	MV-250	1	-38,42266305	-12,14382195	MV-250	1
-38,42902719	-12,14241379	MV-250	1	-38,42068142	-12,12854367	VS-250	1
-38,45390002	-12,14344368	MV-250	1	-38,37732618	-12,10518363	VS-70	1
-38,45390002	-12,14344368	VS-70	1	-38,43046141	-12,11921712	MV-250	1
-38,43013976	-12,12832374	VS-70	1	-38,43810011	-12,00756446	VS-70	1
-38,43040812	-12,11543215	MV-250	1	-38,41958635	-12,13730356	MV-400	1
-38,45891647	-12,14030877	MV-250	1	-38,40893347	-12,10791886	VS-70	1
-38,40932797	-12,13887689	VS-250	1	-38,44055146	-12,12935537	VS-70	1
-38,41471463	-12,1462819	VS-250	1	-38,39634745	-12,14050443	MV-400	1
-38,50502985	-12,18592038	MV-250	1	-38,39634745	-12,14050443	MV-400	1
-38,43067639	-12,131207	VS-250	1	-38,43215309	-12,13202703	VS-250	1
-38,4338864	-12,14671696	MV-250	1	-38,43648975	-12,14204195	VS-250	2
-38,42165968	-12,14849519	MV-400	1	-38,43648975	-12,14204195	MV-400	2
-38,4369331	-12,12328212	VS-70	1	-38,41763676	-12,11763153	VS-70	1
-38,3997358	-12,14334376	VS-70	1	-38,43196634	-12,14702862	VS-250	1
-38,39014262	-12,12940787	VS-70	1	-38,42494305	-12,14020359	MV-400	1
-38,42372634	-12,12909985	VS-250	1	-38,48062036	-12,23140421	VS-70	1
-38,44207647	-12,12987709	VS-250	1	-38,45607351	-12,25167079	VS-70	1
-38,42485225	-12,13952828	VS-400	1	-38,43996474	-12,13435371	VS-250	1
-38,32716605	-12,17339805	VS-70	2	-38,415563	-12,13824855	MV-400	1
-38,42812813	-12,11791375	MV-250	1	-38,415563	-12,13824855	MV-400	1
-38,44068972	-12,14322033	VS-70	1	-38,44694027	-12,13365542	VS-70	1
-38,4362681	-12,13457701	MV-250	1	-38,4121397	-12,13270525	MV-250	1
-38,43539975	-12,14148699	VS-250	1	-38,37747142	-11,98259422	VS-70	1
-38,41200888	-12,14987527	MV-250	1	-38,4221581	-12,12725204	VS-250	1
-38,39042326	-11,95808453	VS-70	1	-38,44984913	-12,15384353	VS-70	1
-38,40598796	-12,12985194	VS-70	1	-38,4421997	-12,148817	MV-250	1
-38,46392273	-12,13899318	VS-70	1	-38,45310817	-12,13969546	MV-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,42120339	-12,11988983	VS-150	1	-38,51471981	-12,20405362	VS-70	1
-38,38789793	-12,11567689	VS-70	1	-38,42669805	-12,14432695	VS-250	1
-38,43089305	-12,14143027	VS-250	1	-38,42021142	-12,12725367	MV-250	1
-38,40863463	-12,13858516	VS-250	1	-38,42021142	-12,12725367	VS-70	1
-38,41720136	-12,13275029	VS-70	1	-38,41533073	-12,2007129	VS-70	1
-38,41720136	-12,13275029	VS-250	1	-38,36308278	-12,18321145	VS-150	1
-38,49371973	-12,21785506	VS-70	1	-38,39347124	-12,14583843	FL-45	1
-38,431598	-12,15460353	VS-250	1	-38,40206631	-12,1428585	MV-250	1
-38,38769465	-12,11670519	VS-70	1	-38,40206631	-12,1428585	VS-70	1
-38,4223414	-12,14164523	MV-400	1	-38,42733645	-12,12659199	VS-70	1
-38,37617474	-11,98472425	VS-70	1	-38,41637302	-12,15244018	VS-70	1
-38,33387791	-12,17255916	VS-70	1	-38,41529071	-12,13478053	VS-70	1
-38,41286117	-12,20975979	VS-70	1	-38,41529071	-12,13478053	MV-250	1
-38,41286117	-12,20975979	VS-70	1	-38,40485322	-12,11862853	VS-70	1
-38,40651609	-12,24789952	VS-70	1	-38,40594304	-12,12105197	VS-70	1
-38,41388276	-12,24196623	VS-250	1	-38,39118232	-12,1335132	VS-70	1
-38,41388276	-12,24196623	VS-70	1	-38,4713915	-12,16295533	MV-250	1
-38,49170984	-12,16861874	VS-70	1	-38,50352514	-12,23874543	VS-70	1
-38,49281484	-12,16877877	VS-70	1	-38,44812849	-12,0086712	VS-70	1
-38,49143319	-12,1688271	VS-70	1	-38,41788308	-12,12409196	VS-250	1
-38,43482312	-12,11803379	MV-250	1	-38,45122977	-12,15375195	VS-250	1
-38,42543638	-12,13788693	VS-250	1	-38,40314333	-12,15053376	MV-250	1
-38,42543638	-12,13788693	MV-250	1	-38,41884808	-12,1211887	VS-70	1
-38,44040144	-12,13938535	VS-150	1	-38,42243201	-12,19438401	VS-70	2
-38,44040144	-12,13938535	MV-250	1	-38,39589467	-12,1129636	VS-70	1
-38,39961783	-12,19790313	VS-250	1	-38,33952438	-12,15706311	VS-70	1
-38,43134138	-12,13808869	MV-250	1	-38,41359467	-12,12751526	VS-70	1
-38,42091969	-12,13298529	VS-250	1	-38,4434915	-12,12764044	VS-150	1
-38,41314228	-12,11263592	VS-70	1	-38,4434915	-12,12764044	MV-250	1
-38,46438981	-12,14163383	MV-250	1	-38,38783979	-12,15335595	VS-150	1
-38,46438981	-12,14163383	MV-400	1	-38,44511312	-12,15285026	VS-250	1
-38,46438981	-12,14163383	MV-400	1	-38,39606962	-12,1498586	VS-70	1
-38,37659959	-12,13154012	VS-70	1	-38,43151424	-12,14117145	MV-250	1
-38,39947544	-12,1425043	VS-70	1	-38,41319305	-12,12719862	VS-70	1
-38,40634021	-12,22146009	VS-70	1	-38,43148635	-12,14631695	VS-250	1
-38,4114722	-12,12843043	MV-250	1	-38,4338714	-12,13903029	MV-250	1
-38,42357439	-12,12980281	VS-70	1	-38,42394299	-12,14422858	VS-250	1
-38,42958971	-12,14375364	VS-70	2	-38,44711955	-12,13180857	VS-70	1
-38,44650868	-12,11255709	VS-250	1	-38,39443942	-12,22921796	VS-70	1
-38,44737577	-12,1130156	MV-250	1	-38,42737308	-12,13382032	VS-250	1
-38,44138806	-12,14543865	MV-250	1	-38,42844806	-12,14931524	MV-250	1
-38,44138817	-12,13076374	VS-70	1	-38,40272464	-12,13250353	MV-400	1
-38,40188464	-12,11825696	VS-70	1	-38,40272464	-12,13250353	MV-250	1
-38,44220807	-12,13649036	MV-250	1	-38,40272464	-12,13250353	LD-100	1
-38,41293972	-12,13303862	VS-250	1	-38,45818448	-12,25099394	VS-70	2
-38,4262614	-12,14341526	MV-250	1	-38,41481129	-12,14514187	VS-70	1
-38,42750306	-12,14323361	MV-250	1	-38,41481129	-12,14514187	VS-400	1
-38,43097643	-12,11679048	MV-250	1	-38,41481129	-12,14514187	VS-250	1
-38,43063308	-12,11698881	MV-250	1	-38,44075939	-12,121899	VS-70	1
-38,44137982	-12,1151738	VS-70	1	-38,41597634	-12,13945189	MV-250	1
-38,42630957	-12,15277503	VS-70	1	-38,42103296	-12,15149689	MV-250	1
-38,42571911	-12,15302556	VS-70	1	-38,39681807	-12,13946408	MV-250	1
-38,42681142	-12,15309278	VS-70	1	-38,39681807	-12,13946408	MV-250	1
-38,44751476	-12,1428454	VS-150	1	-38,42145631	-12,1424352	VS-250	1
-38,42558339	-12,15345269	VS-70	1	-38,41201451	-12,21081482	VS-70	1
-38,42581182	-12,15357823	VS-70	1	-38,39891528	-12,14023098	VS-70	1
-38,43886307	-12,14380866	VS-70	1	-38,43293971	-12,14383527	VS-250	1
-38,44633585	-12,12277497	VS-70	1	-38,39758961	-12,13354682	VS-70	1
-38,36005939	-12,17584479	MV-150	1	-38,38869297	-12,11520188	VS-70	1
-38,41446012	-12,12701076	VS-70	1	-38,41202406	-12,13093464	VS-70	1
-38,43119305	-12,14160359	VS-70	1	-38,41202406	-12,13093464	MV-250	1
-38,43130823	-12,14105694	MV-250	1	-38,41049969	-12,12615366	VS-70	1
-38,38765872	-12,15515262	VS-150	1	-38,45431476	-12,15594696	VS-70	1
-38,41085124	-12,15527182	VS-70	1	-38,42938302	-12,15046023	VS-250	1
-38,38894528	-12,15444089	VS-150	1	-38,42428657	-12,07492064	VS-70	1
-38,40047865	-12,13971551	VS-70	1	-38,44776568	-12,12629584	VS-70	1
-38,41939615	-12,23051634	VS-70	1	-38,4385264	-12,13943369	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,40874855	-12,21505538	VS-70	1	-38,4385264	-12,13943369	VS-250	1
-38,41701134	-12,12771028	MV-250	1	-38,41527616	-12,13884829	MV-250	1
-38,41647699	-12,14174809	VS-250	1	-38,3990711	-12,22278302	VS-70	1
-38,42231306	-12,12716197	VS-70	1	-38,41649868	-12,11645629	MV-250	1
-38,40726792	-12,15557511	VS-70	1	-38,41649868	-12,11645629	VS-70	1
-38,40522958	-12,14980347	MV-250	1	-38,4442284	-12,12560622	VS-150	1
-38,41212209	-12,15120958	VS-250	1	-38,42570492	-12,14363076	MV-250	1
-38,41430137	-12,12804194	VS-70	1	-38,45959314	-12,13978707	MV-250	1
-38,42301543	-12,13866147	VS-250	1	-38,40084448	-12,19782485	VS-70	1
-38,4804932	-12,1402039	VS-70	1	-38,50729652	-12,19067872	MV-250	1
-38,42921842	-12,14982801	VS-250	1	-38,42966472	-12,12394377	VS-70	1
-38,4961382	-12,17225371	VS-70	1	-38,41546807	-12,1090637	VS-70	1
-38,43585678	-12,11719637	VS-70	1	-38,44924074	-12,23250822	VS-70	1
-38,42187109	-12,26045955	VS-70	1	-38,40785964	-12,14097356	VS-250	4
-38,4003178	-12,20039477	VS-70	1	-38,43819307	-12,14294361	VS-250	1
-38,42737694	-12,14136887	VS-250	1	-38,4368031	-12,13949697	MV-250	1
-38,44025938	-12,11476824	MV-150	1	-38,43040307	-12,14899856	VS-150	1
-38,44025938	-12,11476824	VM-250	1	-38,42036466	-12,15029015	VS-400	1
-38,44621167	-12,1302777	VS-150	1	-38,42036466	-12,15029015	VS-400	1
-38,48601293	-12,2279518	VS-70	1	-38,41417965	-12,1491702	MV-250	1
-38,39950629	-12,1333202	VS-70	1	-38,41459964	-12,15667178	VS-70	1
-38,41165668	-12,15119387	VS-150	1	-38,41210815	-12,11859553	VS-70	1
-38,41742297	-12,15095017	VS-70	1	-38,39945333	-12,13954446	VS-70	1
-38,41742297	-12,15095017	MV-250	2	-38,46193975	-12,15716697	MV-250	1
-38,40243465	-12,12334022	MV-250	1	-38,45125575	-12,15999055	VS-70	1
-38,46886275	-12,25344554	VS-70	1	-38,41992806	-12,13224198	VS-250	1
-38,43568419	-12,1278442	VS-70	1	-38,44951571	-12,12611437	VS-70	1
-38,42027468	-12,13464361	VS-250	1	-38,44929442	-12,12524888	VS-70	1
-38,43430806	-12,14366859	VS-250	1	-38,42314849	-12,13717589	LD-12	14
-38,43430806	-12,14366859	VS-70	1	-38,42314849	-12,13717589	MV-400	1
-38,46529153	-12,13742384	MV-250	1	-38,41778683	-12,13823901	MV-400	1
-38,46529153	-12,13742384	MV-250	1	-38,41409115	-12,14553314	VS-250	1
-38,41349298	-12,13704188	VS-250	1	-38,446438	-12,11300348	MV-250	1
-38,3986364	-12,12558122	MV-250	1	-38,44728515	-12,1303276	VS-70	1
-38,43799449	-12,24630465	VS-70	1	-38,38997305	-12,15480069	VS-150	1
-38,46292947	-12,27237461	VS-70	1	-38,38832859	-12,15602046	VS-150	1
-38,41677968	-12,12648366	VS-70	1	-38,38902468	-12,15532114	VS-150	1
-38,42201807	-12,1442126	VS-250	1	-38,43700313	-12,13711031	VS-150	3
-38,42201807	-12,1442126	VS-400	1	-38,43700313	-12,13711031	MV-250	1
-38,42150459	-12,15240607	VS-70	1	-38,43700313	-12,13711031	MV-250	1
-38,4306164	-12,1229487	VS-70	1	-38,45554974	-12,15347198	VS-70	1
-38,43801977	-12,12701705	MV-250	1	-38,39585623	-12,14550008	VS-70	1
-38,43801977	-12,12701705	MV-250	1	-38,42634447	-12,13550973	VS-250	1
-38,42310635	-12,13656692	MV-400	1	-38,43258475	-12,13704034	MV-250	1
-38,40567686	-12,22097299	VS-70	1	-38,2821131	-12,11476511	VS-70	1
-38,41904585	-12,12513185	MV-250	1	-38,2821131	-12,11476511	VS-250	1
-38,41193452	-12,23546995	VS-70	1	-38,43665645	-12,12725371	MV-400	5
-38,43657309	-12,13532704	MV-250	1	-38,43665645	-12,12725371	MV-250	1
-38,4646142	-12,14013624	VS-70	1	-38,43665645	-12,12725371	MV-250	1
-38,38653459	-12,11595536	VS-70	1	-38,35684271	-12,17170644	VS-150	1
-38,41183468	-12,12157036	VS-70	1	-38,43626974	-12,13606038	MV-250	1
-38,41183468	-12,12157036	VS-400	1	-38,42390805	-12,13632362	MV-400	1
-38,41183468	-12,12157036	LD-12	1	-38,42104302	-12,14196026	MV-250	1
-38,40270627	-12,14267853	VS-70	1	-38,40000304	-12,12552552	MV-250	1
-38,40270627	-12,14267853	MV-250	1	-38,43148476	-12,14607861	MV-250	1
-38,415163	-12,12611527	VS-250	1	-38,43124164	-12,04736414	VS-70	1
-38,41320976	-12,11589781	MV-250	1	-38,42329632	-12,14441023	VS-250	1
-38,41320976	-12,11589781	VS-70	1	-38,4090209	-12,12816275	MV-250	1
-38,4513322	-12,13828354	MV-250	1	-38,42062472	-12,13866195	MV-400	2
-38,42226921	-12,15347747	VS-70	1	-38,43458139	-12,14468028	VS-250	1
-38,41876862	-12,14882143	VS-250	1	-38,4139097	-12,1214687	MV-250	1
-38,44204643	-12,14150032	VS-70	1	-38,46720649	-12,14103376	VS-250	1
-38,45592908	-12,15386448	VS-70	1	-38,41444463	-12,14200852	MV-250	1
-38,4443009	-12,15542531	VS-70	1	-38,41444463	-12,14200852	VS-250	1
-38,44484673	-12,15394979	VS-70	1	-38,42277971	-12,15207857	VS-250	1
-38,44076474	-12,13944871	VS-150	1	-38,40596658	-12,14154699	MV-400	1
-38,42357138	-12,12965699	MV-250	1	-38,42407959	-12,14042587	MV-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,41433561	-12,12099073	VS-70	1	-38,4149286	-12,12309034	VS-70	1
-38,40619131	-12,14786183	VS-250	1	-38,43370395	-12,12005077	VS-150	1
-38,4198228	-12,1377549	MV-400	1	-38,4169697	-12,13953193	VS-250	1
-38,45469646	-12,15330368	VS-150	1	-38,43795643	-12,12635039	MV-400	1
-38,44337643	-12,14484697	VS-70	1	-38,43795643	-12,12635039	VS-70	1
-38,3784419	-11,95678368	MV-250	1	-38,43061683	-12,20669125	VS-70	1
-38,3915116	-11,94486965	VS-70	1	-38,41625511	-12,20900678	VS-150	1
-38,40256332	-11,94373641	VS-70	1	-38,41903577	-12,12476712	MV-250	1
-38,37870381	-11,95372148	VS-250	1	-38,44448152	-12,14714834	VS-70	1
-38,3610962	-12,05357373	VS-70	1	-38,38785479	-11,99144757	VS-70	1
-38,41909844	-11,94125827	VS-250	2	-38,40277135	-12,11827191	MV-250	1
-38,41909844	-11,94125827	VS-70	2	-38,41758445	-12,23906295	VS-70	1
-38,34463084	-12,03171163	VS-70	1	-38,33345559	-12,2145171	MV-400	1
-38,39369993	-11,94812129	VS-70	1	-38,50777146	-12,19162201	MV-250	1
-38,40002828	-11,9619396	VS-70	1	-38,48044841	-12,2332978	MV-250	1
-38,37329631	-12,02724064	VS-70	1	-38,41646952	-12,23188799	VS-70	1
-38,42064697	-11,9450445	VS-70	1	-38,42999974	-12,13660536	VS-250	1
-38,34493809	-12,03141599	VS-70	1	-38,42578445	-12,25211456	VS-70	1
-38,37640144	-11,9789676	VS-70	1	-38,40921459	-12,14558346	MV-250	1
-38,40304	-11,9402081	VS-70	1	-38,42100299	-12,13850363	MV-400	2
-38,34776284	-11,9761608	VS-70	1	-38,44157095	-12,13511218	VS-70	1
-38,34923789	-12,03295042	VS-70	1	-38,40486899	-12,14069014	VS-70	1
-38,37179139	-11,99162584	VS-70	1	-38,45941816	-12,14280541	MV-250	1
-38,37600712	-11,96022661	VS-70	1	-38,4149013	-12,15596843	VS-70	1
-38,37659814	-11,97250095	VS-70	1	-38,39955067	-11,94780088	VS-70	1
-38,36768969	-12,0011291	VS-70	1	-38,40481296	-12,13145024	VS-70	1
-38,40901442	-12,24624286	VS-70	1	-38,41777801	-12,12296872	VS-70	1
-38,41325464	-11,94279507	VS-70	1	-38,40283462	-12,12364863	MV-250	1
-38,38437315	-11,94726293	VS-70	1	-38,41707182	-12,14585598	MV-250	1
-38,37474464	-12,04672549	VS-70	1	-38,41065244	-12,12940672	MV-250	1
-38,39507495	-11,94900464	VS-70	1	-38,44727711	-12,13585817	VS-70	1
-38,39094484	-11,95859458	VS-400	1	-38,37982452	-12,151485	VS-70	1
-38,37785304	-11,9817761	VS-70	1	-38,41795902	-12,14424523	VS-250	1
-38,40390337	-11,93684316	VS-70	1	-38,40267111	-12,23522293	VS-70	1
-38,36266802	-12,00932736	VS-70	1	-38,42684328	-12,14718556	VS-250	1
-38,37190117	-11,98429046	MT-500	1	-38,42651142	-12,15208174	VS-70	1
-38,41634841	-11,97228791	VS-70	1	-38,39306158	-11,95882953	VS-70	1
-38,38322646	-11,94895954	VS-70	1	-38,39306158	-11,95882953	VS-400	1
-38,40442997	-11,94306309	VS-70	1	-38,43268971	-12,21138907	VS-70	1
-38,41420581	-11,9430097	VS-70	1	-38,42271972	-12,1403236	VS-250	1
-38,35776456	-12,03329387	VS-70	1	-38,4223664	-12,13926024	VS-250	1
-38,39103324	-11,94191632	VS-70	1	-38,4056463	-12,1318152	VS-250	1
-38,37208135	-12,02747226	VS-70	1	-38,43029308	-12,11925043	MV-250	1
-38,3990366	-11,96154791	VS-70	1	-38,44313982	-12,12716542	MV-250	1
-38,37477965	-12,02756567	VS-70	1	-38,4390998	-12,13382703	MV-250	1
-38,37244302	-11,99339414	VS-70	1	-38,44552814	-12,12700879	MV-250	1
-38,37108801	-11,99264747	VS-70	1	-38,42383002	-12,11972111	VS-70	1
-38,46069378	-11,93812197	VS-400	1	-38,42383002	-12,11972111	VS-70	1
-38,40363282	-12,23218797	VS-70	2	-38,46590489	-12,14222383	MV-250	1
-38,45325149	-12,14001371	MV-250	1	-38,42796307	-12,12469707	VS-70	1
-38,40710232	-12,1432257	MV-250	1	-38,42796307	-12,12469707	VS-400	1
-38,42024835	-12,13212435	VS-250	1	-38,44061147	-12,1144505	VS-70	1
-38,49644986	-12,17191543	VS-70	1	-38,44061147	-12,1144505	MV-250	1
-38,41238967	-12,12712366	VS-70	1	-38,40258049	-12,12847447	VS-70	1
-38,44423772	-12,15655381	VS-70	1	-38,40258049	-12,12847447	VM-250	1
-38,44428322	-12,15446476	MV-70	1	-38,40297841	-12,12783539	VS-70	2
-38,44538225	-12,15341486	VS-70	1	-38,40297841	-12,12783539	MV-150	1
-38,41654613	-12,14830623	VS-250	1	-38,44391975	-12,14832703	VS-70	1
-38,44396624	-12,15889019	VS-70	1	-38,43645315	-12,12379709	VS-70	1
-38,36989457	-12,0996919	VS-70	1	-38,39906278	-12,12603297	MV-150	1
-38,40287962	-12,1354652	MV-250	1	-38,43750311	-12,13561706	MV-250	1
-38,44878256	-12,12595683	VS-70	1	-38,40902022	-12,21192658	VS-70	1
-38,42687301	-12,14480856	MV-250	1	-38,41050804	-12,13508192	VS-70	1
-38,43622472	-12,13727866	MV-250	1	-38,49661457	-12,24970991	VS-70	1
-38,4247347	-12,14038858	MV-400	1	-38,41019301	-12,1379069	MV-250	1
-38,43222975	-12,14215698	VS-70	1	-38,33343609	-12,17295044	VS-70	1
-38,43222975	-12,14215698	VM-400	1	-38,4077182	-12,12461647	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,46433947	-12,2694313	VS-70	1	-38,42468271	-12,14471975	MV-250	1
-38,42552616	-12,25295956	VS-70	1	-38,42461553	-12,13840278	MV-400	1
-38,31194708	-12,06583138	VS-70	1	-38,42461553	-12,13840278	VS-400	1
-38,43090146	-12,11948711	MV-250	1	-38,41261455	-12,14075159	MV-250	5
-38,40021881	-12,14196145	MV-250	1	-38,41261455	-12,14075159	VS-250	2
-38,4338931	-12,14054199	MV-250	1	-38,4273064	-12,13348203	VS-250	1
-38,41263665	-12,00551761	VS-70	1	-38,44394474	-12,14480427	VS-70	1
-38,42246471	-12,14620859	VS-250	1	-38,44394474	-12,14480427	VS-400	1
-38,41548436	-12,13205408	VS-250	1	-38,43747584	-12,1330731	VS-250	1
-38,39633793	-12,15102006	VS-70	1	-38,43989823	-12,1428318	VS-70	1
-38,41692301	-12,12114872	MV-250	1	-38,4298214	-12,13797365	MV-250	1
-38,41899468	-12,1326186	VS-250	1	-38,40679798	-12,12780359	VS-70	1
-38,41143131	-12,15250844	VS-250	1	-38,43005977	-12,11879705	VS-250	1
-38,43505479	-12,12516539	VS-250	1	-38,43005977	-12,11879705	MV-400	4
-38,4181945	-12,13748142	MV-400	1	-38,41759802	-12,12355865	MV-250	1
-38,43890305	-12,13983872	VS-250	1	-38,39069223	-12,12158798	VS-70	1
-38,41200455	-12,21130143	VS-70	1	-38,41608463	-12,15236684	VS-70	1
-38,39712241	-12,1301339	MV-250	1	-38,41987642	-12,13376527	VS-250	1
-38,39617599	-12,13008149	MV-250	1	-38,40111743	-12,13685814	MV-250	1
-38,42229136	-12,14883855	VS-250	1	-38,44697874	-12,16027621	VS-70	1
-38,4235899	-12,14215942	VS-250	1	-38,3894649	-12,15484469	VS-150	1
-38,43602479	-12,135522	VS-250	1	-38,38887898	-12,15330418	VS-150	1
-38,4302297	-12,14682357	VS-250	1	-38,41263642	-12,10254212	VS-70	1
-38,44580209	-12,12284413	VS-70	1	-38,43272309	-12,11851877	VS-250	1
-38,42492096	-12,12719919	VS-150	1	-38,50939649	-12,1944287	MV-250	1
-38,42466648	-12,12684782	VS-150	1	-38,34943281	-12,08201853	VS-70	1
-38,42632589	-12,12792164	VS-150	1	-38,34943281	-12,08201853	VS-70	1
-38,41428778	-12,12675369	VS-70	1	-38,40843501	-12,12427689	MV-250	2
-38,3952954	-12,11797186	MV-250	1	-38,43488982	-12,12879374	VS-250	1
-38,39791067	-12,14124795	VS-70	1	-38,43488982	-12,12879374	VS-250	1
-38,38843295	-12,15405498	VS-150	1	-38,43488982	-12,12879374	VS-70	1
-38,41217499	-12,12401315	VS-250	1	-38,43488982	-12,12879374	MV-250	1
-38,41217499	-12,12401315	VS-70	2	-38,41938639	-12,13312865	VS-250	1
-38,42609477	-12,13054365	VS-150	1	-38,43766141	-12,14477534	VS-250	1
-38,39949118	-12,14286811	VS-150	1	-38,43926286	-12,13516291	VS-250	1
-38,36710116	-12,12966835	VS-70	1	-38,4436431	-12,1355837	MV-250	1
-38,47522898	-12,14406364	VS-70	1	-38,41880784	-12,14458256	VS-250	1
-38,41434433	-12,1192415	MV-250	1	-38,43767308	-12,12880377	VS-250	1
-38,41094802	-12,13247522	MV-250	1	-38,39697622	-12,14585013	VS-70	1
-38,41130464	-12,13378858	MV-250	1	-38,39697622	-12,14585013	VS-70	1
-38,43185477	-12,13834528	MV-250	1	-38,42154186	-12,22388822	VS-70	1
-38,42451141	-12,13201863	VS-250	1	-38,43466309	-12,13257367	VS-150	1
-38,36563287	-12,09337693	VS-70	1	-38,40450465	-12,1211436	VS-70	1
-38,4398206	-12,13685277	VS-70	1	-38,41593608	-12,1157541	VS-70	1
-38,44180487	-12,11466055	VS-70	1	-38,43896645	-12,13715538	MV-250	1
-38,43585638	-12,1437736	MV-250	1	-38,42404809	-12,13184862	MV-250	1
-38,40274132	-12,11851362	VS-70	1	-38,40245775	-12,15011374	VS-70	1
-38,42994145	-12,13094367	VS-400	1	-38,3402044	-12,15622483	VS-70	1
-38,42994145	-12,13094367	VS-250	1	-38,3402044	-12,15622483	MV-250	1
-38,42957141	-12,13127037	VS-250	1	-38,42425805	-12,13065533	VS-250	1
-38,42882715	-12,1306192	VS-70	1	-38,42246782	-12,25347454	VS-70	1
-38,42882715	-12,1306192	VS-250	1	-38,410128	-12,11672366	MV-250	2
-38,43654312	-12,11657212	VS-70	1	-38,410128	-12,11672366	VS-70	1
-38,41730281	-12,22778137	VS-70	1	-38,41539799	-12,13701187	MV-250	1
-38,41730281	-12,22778137	VS-250	1	-38,42140969	-12,13361025	VS-250	1
-38,41719474	-12,11405543	VS-150	1	-38,34120456	-12,21644558	VS-70	1
-38,50511985	-12,18396203	MV-250	1	-38,42447905	-12,1389152	VS-250	1
-38,4130147	-12,13159861	MV-250	1	-38,39978767	-12,12553707	MV-150	1
-38,39748796	-12,14532015	VS-70	1	-38,38816294	-12,11655694	VS-70	1
-38,41743642	-12,1257653	VS-250	1	-38,45554308	-12,15214703	VS-70	1
-38,4137408	-12,12115391	VS-70	1	-38,43338602	-12,12062695	VS-250	1
-38,43810178	-12,21225066	VS-70	1	-38,4210297	-12,14127529	VS-400	1
-38,44165144	-12,13188543	MV-250	1	-38,48799144	-12,17374039	VS-70	1
-38,42133732	-12,13657445	MV-400	2	-38,41235312	-12,24167	FL-85	1
-38,41095821	-12,15340706	VS-250	1	-38,40650946	-12,23049798	VS-70	1
-38,41490633	-12,13429188	MV-250	1	-38,48759481	-12,17433532	VS-70	1
-38,32929106	-12,18128466	VS-70	1	-38,36461892	-12,18210223	VS-150	5

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,41356	-12,005391	VS-70	1	-38,409183	-12,12554107	MV-250	1
-38,42594309	-12,13337865	VS-250	1	-38,42489466	-12,14324195	VS-400	1
-38,40001951	-12,14250922	MV-250	1	-38,42466787	-12,13738276	VS-400	1
-38,40001951	-12,14250922	VS-70	1	-38,42313911	-12,14093321	VS-250	1
-38,417422	-12,14061535	MV-250	1	-38,42313911	-12,14093321	VS-250	1
-38,41661402	-12,14946375	VS-250	1	-38,49048107	-12,17847209	MV-250	1
-38,40874711	-12,12500932	VS-70	1	-38,41429969	-12,12646697	VS-70	1
-38,39877126	-12,14988174	MV-250	1	-38,41701799	-12,14249027	MV-250	1
-38,39745459	-12,15382511	VS-70	1	-38,46068814	-12,14024046	VS-70	1
-38,40604633	-12,1257736	MV-250	1	-38,46102486	-12,14036547	MV-250	1
-38,42562808	-12,13459198	MV-250	2	-38,40076454	-12,12850519	MV-250	1
-38,39621957	-12,1522867	VS-70	1	-38,42314374	-12,15119583	VS-250	1
-38,42245439	-12,13693961	VS-400	2	-38,42411649	-12,13737509	MV-400	1
-38,43217471	-12,13299367	VS-250	1	-38,41390416	-12,1277519	VS-70	1
-38,43280147	-12,1221154	VS-400	1	-38,42581467	-12,14191197	VS-70	1
-38,40531962	-12,13787688	VS-250	1	-38,47175873	-12,13634568	VS-70	1
-38,417458	-12,15231398	MV-250	1	-38,41136916	-12,13733947	MV-250	1
-38,41550636	-12,14564187	MV-250	1	-38,41124309	-12,13754573	MV-250	1
-38,41550636	-12,14564187	VS-250	1	-38,42008162	-12,13363685	VS-250	1
-38,41550636	-12,14564187	VS-250	1	-38,41262138	-12,12453528	VS-70	1
-38,42737312	-12,12499042	VS-70	1	-38,42729481	-12,10263555	VS-70	1
-38,42737312	-12,12499042	VS-400	1	-38,43975643	-12,12791712	VS-70	1
-38,39915813	-12,12842029	MV-250	1	-38,43975643	-12,12791712	VS-250	1
-38,47723818	-12,14338718	VS-70	1	-38,41601328	-12,15374028	VS-70	1
-38,44093811	-12,14036865	VS-70	1	-38,4112214	-12,12192701	VS-70	1
-38,43182977	-12,13915362	MV-250	1	-38,4112214	-12,12192701	MV-250	1
-38,41245142	-12,11486532	MV-250	1	-38,35950439	-12,17513141	VS-150	1
-38,35466108	-12,20730622	VS-70	1	-38,43233474	-12,14391692	VS-250	1
-38,50792817	-12,18021706	VS-70	1	-38,43000977	-12,12924537	MV-250	1
-38,41745469	-12,19568895	VS-70	1	-38,43087581	-12,12441815	VS-70	1
-38,41435962	-12,14367688	VS-70	1	-38,39227287	-12,14543012	VS-70	1
-38,41535632	-12,14600019	MV-250	1	-38,41011188	-12,13363183	VS-70	1
-38,40827136	-12,1357652	VS-250	1	-38,39752958	-12,13412854	VS-250	1
-38,45073519	-12,00477291	VS-70	1	-38,44132145	-12,13820036	MV-250	1
-38,43431141	-12,13129369	VS-250	1	-38,46019981	-12,15631369	VS-250	1
-38,43216314	-12,11663381	MV-250	1	-38,4049247	-12,12359365	VS-70	1
-38,44218142	-12,13766041	MV-250	1	-38,426103	-12,14146028	MV-250	1
-38,46625154	-12,13917877	VS-70	1	-38,3770754	-11,95601446	VS-150	5
-38,33208599	-12,17396799	VS-70	1	-38,3770754	-11,95601446	LD-15	8
-38,47191819	-12,14691048	VS-70	1	-38,43862146	-12,14231533	VS-250	1
-38,44255811	-12,13122546	VS-70	1	-38,43032145	-12,11583049	MV-250	1
-38,41182803	-12,13170689	MV-250	1	-38,45625486	-12,15226079	VS-70	1
-38,50106142	-12,21201686	VS-70	1	-38,42887635	-12,15443357	VS-250	1
-38,3994236	-12,14369102	VS-70	1	-38,42887635	-12,15443357	MV-400	2
-38,46487527	-12,25304414	VS-70	1	-38,42463318	-12,07742066	FL-30	1
-38,40241629	-12,13852688	VS-150	1	-38,41453471	-12,1147587	VS-70	1
-38,40241629	-12,13852688	MV-250	1	-38,44490223	-12,13622576	VS-70	1
-38,42892534	-12,14435331	VS-400	1	-38,42272046	-12,12490242	MV-250	1
-38,42644196	-12,14134677	MV-400	1	-38,33574105	-12,17188466	VS-70	1
-38,42644196	-12,14134677	VS-250	1	-38,400283	-12,12175023	VS-250	1
-38,3970647	-12,1432445	MV-400	1	-38,40461078	-12,12527508	MV-250	1
-38,41239175	-12,1261392	VS-150	2	-38,415472	-12,11186701	VS-70	1
-38,41239175	-12,1261392	MV-250	1	-38,415472	-12,11186701	VS-70	1
-38,37330138	-12,02859896	VS-70	1	-38,44439266	-12,12930204	VS-250	1
-38,4199247	-12,1359453	VS-400	1	-38,43792305	-12,14491529	VS-250	1
-38,4199247	-12,1359453	MV-400	1	-38,40555779	-12,23136294	VS-70	1
-38,40693184	-12,12530567	MV-250	1	-38,43277376	-12,11949517	VS-250	1
-38,40693184	-12,12530567	MV-250	2	-38,42834632	-12,15397184	VS-250	1
-38,33252263	-12,17773937	VS-70	1	-38,43347584	-12,13591315	VS-250	1
-38,33255051	-12,17806703	VS-70	1	-38,42181539	-12,13518884	MV-400	1
-38,33560438	-12,17575801	VS-150	1	-38,40820969	-12,12964357	VS-70	1
-38,42831176	-12,21954899	MV-250	1	-38,42881812	-12,11832544	MV-250	1
-38,49387129	-12,23251004	VS-70	1	-38,41025962	-12,14296856	MV-250	1
-38,50256131	-12,24576325	VS-70	1	-38,46768822	-12,14057879	VS-70	1
-38,49983628	-12,24967821	VS-70	1	-38,41342299	-12,12564697	VS-70	1
-38,49112634	-12,23559826	VS-70	1	-38,4374831	-12,13480372	VS-250	1
-38,48274803	-12,22875931	VS-70	1	-38,4709365	-12,16271038	VS-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,41244462	-12,14459183	VS-250	1	-38,41728334	-12,00469937	VS-70	1
-38,4306981	-12,11714212	MV-250	1	-38,3904271	-12,13381333	VS-70	1
-38,44445644	-12,12616876	MV-250	1	-38,39907671	-12,12979529	MV-250	1
-38,44204988	-12,11548554	VS-70	1	-38,45630977	-12,14251371	MV-250	1
-38,41824911	-12,13689013	MV-250	1	-38,45630977	-12,14251371	VS-70	1
-38,4288548	-12,1175754	MV-250	1	-38,44128694	-12,15221105	VS-70	1
-38,44281564	-12,11226045	VM-250	1	-38,44128694	-12,15221105	MV-250	1
-38,3951114	-12,11452977	VS-70	1	-38,41472862	-12,13499784	VS-70	1
-38,44569106	-12,13474071	VS-70	2	-38,49184136	-12,22897504	VS-70	1
-38,42984803	-12,13353371	VS-250	1	-38,3759464	-11,98392424	VS-70	1
-38,40116176	-11,94877661	VS-70	1	-38,46256528	-12,25149286	VS-70	2
-38,38796459	-12,15445478	VS-150	1	-38,43550139	-12,1385187	MV-250	1
-38,42894902	-12,13002453	VS-250	1	-38,41413802	-12,13718023	VS-250	1
-38,41084635	-12,12779322	VS-70	1	-38,43989656	-12,14301945	VS-70	1
-38,45556983	-12,14234543	VS-70	1	-38,4173064	-12,12764693	VS-70	1
-38,43355802	-12,14696531	VS-250	1	-38,4173064	-12,12764693	VS-250	1
-38,4154747	-12,12166536	MV-250	1	-38,38388454	-12,15540732	VS-70	1
-38,44296811	-12,14882364	VS-250	1	-38,418473	-12,13096026	VS-70	1
-38,42489973	-12,13211699	MV-250	1	-38,41680138	-12,12903201	VS-70	1
-38,40685775	-12,14618914	VS-70	1	-38,42071645	-12,10550382	MV-250	1
-38,40685775	-12,14618914	MV-250	1	-38,48335772	-12,22915531	VS-70	1
-38,40464768	-12,14113554	VS-150	1	-38,40226982	-12,14164937	MV-250	1
-38,41255132	-12,12327862	VS-70	1	-38,40226982	-12,14164937	MV-250	1
-38,4063996	-12,14659011	MV-250	1	-38,40017348	-12,12850427	VS-70	1
-38,41988804	-12,13468031	VS-250	1	-38,4296927	-12,124516	MV-250	1
-38,40638815	-12,13863577	MV-250	1	-38,45831975	-12,15571869	MV-250	1
-38,44437265	-12,13661407	VS-70	1	-38,40064754	-12,13149185	MV-250	1
-38,44437265	-12,13661407	VS-250	1	-38,43107975	-12,13819698	MV-250	1
-38,44414049	-12,15400677	VS-150	1	-38,42295641	-12,13598526	VS-400	1
-38,44271631	-12,1543237	VS-70	1	-38,41920134	-12,14116857	MV-250	1
-38,44254472	-12,15372452	VS-70	1	-38,40321799	-12,11910864	VS-70	1
-38,41229785	-12,13773228	MV-400	1	-38,32818438	-12,18428297	VS-70	1
-38,41229785	-12,13773228	VS-250	1	-38,40319942	-12,23058462	VS-70	1
-38,41706051	-12,14748801	VS-70	1	-38,40319942	-12,23058462	MV-250	1
-38,39648526	-12,12770676	MV-250	1	-38,39996845	-12,12504764	MV-250	1
-38,40522769	-12,14063667	VS-70	1	-38,41877638	-12,13664194	VS-250	1
-38,50272636	-12,23311167	VS-70	2	-38,41780513	-12,13512265	MV-400	1
-38,51304983	-12,1759888	VS-70	1	-38,43109134	-12,14506032	VS-250	1
-38,40006345	-12,20046149	VS-250	1	-38,43109134	-12,14506032	VM-125	1
-38,40550797	-12,12271866	VS-70	1	-38,43109134	-12,14506032	MT-500	1
-38,41604302	-12,14926181	VS-250	1	-38,40392304	-12,11867359	VS-70	1
-38,45445147	-12,1423337	MV-250	1	-38,50535298	-12,22875843	VS-70	1
-38,42287578	-12,12002085	VS-70	1	-38,50761984	-12,17631213	VS-70	1
-38,42321142	-12,12891202	MV-250	1	-38,43132359	-12,20718789	VS-70	1
-38,4401548	-12,14002871	VS-70	1	-38,41198759	-12,14308976	MV-250	1
-38,43113139	-12,15244858	VS-250	1	-38,41366222	-12,14385044	VS-70	1
-38,33197107	-12,17260963	MV-400	1	-38,44237314	-12,13345038	MV-250	1
-38,44246612	-12,26006126	VS-70	1	-38,4143667	-12,14813858	VS-70	1
-38,44711684	-12,15779097	MV-70	1	-38,44458754	-12,14743416	VS-70	1
-38,44418879	-12,15982458	VS-70	1	-38,4005462	-12,12390883	MV-250	1
-38,44695558	-12,1572561	VS-70	1	-38,43921601	-12,14280983	VS-70	1
-38,41095295	-12,14362516	MV-250	1	-38,40912842	-12,13050999	VS-70	1
-38,43634476	-12,1452136	VS-400	1	-38,43812807	-12,140217	MV-250	1
-38,33591946	-12,0747368	VS-70	1	-38,4353631	-12,13787364	MV-250	1
-38,43753975	-12,13928882	MV-250	1	-38,41138072	-12,14730101	MV-250	1
-38,42690306	-12,13813861	MV-250	1	-38,39038174	-12,12131926	VS-70	1
-38,39680058	-12,12798501	MV-250	1	-38,39038174	-12,12131926	MV-250	1
-38,41579972	-12,12191366	VS-70	1	-38,4408265	-12,1230771	VS-70	1
-38,41579972	-12,12191366	VS-250	1	-38,4169513	-12,15468016	MV-250	1
-38,47347456	-12,24099488	VS-70	1	-38,44168478	-12,13876536	MV-250	1
-38,41340129	-12,14646517	MV-250	1	-38,43337149	-12,10640881	VS-250	1
-38,41511106	-12,12312592	MV-150	2	-38,42173997	-12,13782522	VS-250	1
-38,41511106	-12,12312592	VS-250	1	-38,44107888	-12,13708174	VS-250	1
-38,41511106	-12,12312592	MV-250	1	-38,41485889	-12,14637531	VS-150	1
-38,42983811	-12,11829544	MV-250	1	-38,39770562	-12,14411095	VS-70	1
-38,41388474	-12,12493864	MV-250	1	-38,4332897	-12,14420196	VS-70	1
-38,43316282	-12,15061459	VS-70	1	-38,4332897	-12,14420196	VS-250	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,50382295	-12,23640002	VS-70	1	-38,42122749	-12,16278101	VS-70	1
-38,4938282	-12,17317876	VS-70	1	-38,43197807	-12,14775194	VS-250	1
-38,44203488	-12,11428553	VS-70	1	-38,41930087	-12,1427124	MV-250	1
-38,43281308	-12,13231033	VS-250	1	-38,42461648	-12,13781657	VS-250	1
-38,43854981	-12,12791875	VS-250	1	-38,42461648	-12,13781657	VS-250	2
-38,43854981	-12,12791875	VS-150	1	-38,43259982	-12,11637882	VS-250	1
-38,40578669	-12,14132024	MV-250	1	-38,43259982	-12,11637882	MV-250	1
-38,37182523	-12,10111937	VS-70	1	-38,40757468	-12,14091849	VM-400	1
-38,4392697	-12,22325625	VS-70	1	-38,40757468	-12,14091849	VS-250	1
-38,40322943	-12,2308013	VS-70	1	-38,44102808	-12,14086866	VS-70	1
-38,40198277	-12,23466128	MV-250	1	-38,45291333	-12,15450696	VS-70	1
-38,40198277	-12,23466128	VS-70	1	-38,41800799	-12,15265349	MV-250	1
-38,35685387	-12,20263041	VS-70	1	-38,37659618	-12,14673001	VS-70	1
-38,3976429	-12,14812845	VS-70	1	-38,42227305	-12,1439236	VS-250	1
-38,45516478	-12,14372206	MV-400	1	-38,44326143	-12,14194367	VS-70	1
-38,45516478	-12,14372206	MV-250	1	-38,42204133	-12,14226025	MV-250	1
-38,41441631	-12,14773689	VS-70	1	-38,43184307	-12,1520252	VS-70	1
-38,42754972	-12,12631869	VS-70	1	-38,43933483	-12,12723041	VS-150	1
-38,40022638	-12,14731035	MV-250	1	-38,43933483	-12,12723041	VS-70	1
-38,37341794	-12,0469522	VS-70	1	-38,42204642	-12,12673199	VS-250	1
-38,43122146	-12,12502707	VS-70	1	-38,45185147	-12,15385698	MV-250	1
-38,43122146	-12,12502707	MV-250	1	-38,41945302	-12,13955526	VS-250	1
-38,41480296	-12,14173017	VS-250	1	-38,45164144	-12,13902044	MV-250	1
-38,42296167	-12,13693723	VS-400	1	-38,41513316	-12,14767343	MV-400	1
-38,42259298	-12,13698978	VS-400	1	-38,41513316	-12,14767343	VS-70	1
-38,42699969	-12,13526363	MV-250	1	-38,44471983	-12,12876875	MV-150	1
-38,44560124	-12,12315092	VS-70	1	-38,4134579	-12,20840152	VS-70	2
-38,46885066	-12,14042113	VS-70	1	-38,42898974	-12,13520033	VS-250	1
-38,45552366	-12,16148535	VS-70	1	-38,41710137	-12,11500874	VS-150	1
-38,39743018	-12,14909949	VS-70	1	-38,40757841	-11,93778487	VS-70	1
-38,4213063	-12,15646515	VS-400	1	-38,46861785	-12,25234311	VS-70	1
-38,4213063	-12,15646515	VS-70	1	-38,4439081	-12,13532541	MV-250	1
-38,3855858	-12,11724717	VS-70	1	-38,41804579	-12,23186054	VS-70	1
-38,42538812	-12,10351116	MV-250	1	-38,44441763	-12,11131464	VS-150	1
-38,42538812	-12,10351116	MV-400	1	-38,41914557	-12,13927478	VS-250	1
-38,41173962	-12,15279345	VS-70	1	-38,43375331	-12,11896101	MV-250	1
-38,42131492	-12,13731032	MV-400	1	-38,42770935	-12,1532398	VS-70	1
-38,43157976	-12,13376369	VS-70	1	-38,39070652	-12,13292314	VS-70	1
-38,40836133	-12,13918687	VS-400	1	-38,43141649	-12,11659882	MV-250	1
-38,40836133	-12,13918687	VS-150	1	-38,42978311	-12,11906376	MV-250	1
-38,40836133	-12,13918687	VS-250	1	-38,37700016	-12,10608899	VS-70	1
-38,39553748	-12,15319439	VS-70	1	-38,41567306	-12,12230199	MV-250	1
-38,44091808	-12,13100504	VS-70	1	-38,42906641	-12,11885213	VS-250	1
-38,45323644	-12,14688037	VS-70	1	-38,42906641	-12,11885213	VS-250	1
-38,40568528	-12,14181441	VS-70	1	-38,44616624	-12,12285621	VS-70	1
-38,44417504	-12,13395344	VS-70	1	-38,43186582	-12,21898665	VS-70	1
-38,44272976	-12,12969212	VS-250	1	-38,40016279	-12,19939816	MV-250	1
-38,42603378	-12,15262305	VS-70	1	-38,40452134	-12,13768019	MV-250	1
-38,42778042	-12,15233575	VS-70	1	-38,43376642	-12,12092713	VS-150	1
-38,43332974	-12,14115029	VS-250	1	-38,29743635	-12,08290016	VS-250	1
-38,44154649	-12,13625535	VS-70	1	-38,31147794	-12,06772344	VS-70	1
-38,42408441	-12,25454459	VS-70	1	-38,43324645	-12,13301535	VS-250	1
-38,41366963	-12,14959353	VS-70	1	-38,42419803	-12,13767196	MV-400	1
-38,46436819	-12,1411588	VS-250	1	-38,43986144	-12,13054378	VS-70	1
-38,46436819	-12,1411588	MV-250	4	-38,43986144	-12,13054378	MV-250	1
-38,46436819	-12,1411588	MV-250	1	-38,45350263	-12,15346546	VS-70	1
-38,42618609	-12,14108519	VS-250	1	-38,37824633	-12,02886399	VS-70	1
-38,43752815	-12,12790541	VS-250	1	-38,45533147	-12,1529037	VS-70	1
-38,43752815	-12,12790541	MV-250	1	-38,43569148	-12,1296687	VS-250	1
-38,39576127	-12,14612007	VS-70	1	-38,43569148	-12,1296687	VS-70	1
-38,39576127	-12,14612007	MV-400	1	-38,41339144	-12,10758374	VS-70	1
-38,39576127	-12,14612007	MV-250	1	-38,41688909	-12,10953415	VS-70	1
-38,39153456	-12,13966344	MV-250	1	-38,40460133	-12,12409197	VS-70	1
-38,42317805	-12,13760027	VS-400	1	-38,44426118	-12,12673858	VS-70	4
-38,42317805	-12,13760027	VS-250	1	-38,44426118	-12,12673858	MV-400	1
-38,41031261	-12,14362163	VS-150	1	-38,44426118	-12,12673858	VS-70	1
-38,42916307	-12,12554206	VS-250	1	-38,41937464	-12,16548342	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,42393597	-12,14003729	VS-250	1	-38,43354138	-12,14047697	MV-250	1
-38,42393597	-12,14003729	VS-250	1	-38,41241655	-12,12238817	MV-250	1
-38,40553295	-12,13613186	MV-250	1	-38,42389962	-12,14049873	MV-250	1
-38,40553295	-12,13613186	MV-250	1	-38,41799642	-12,12494035	MV-250	1
-38,40553295	-12,13613186	MV-250	1	-38,51080149	-12,19167704	VS-70	1
-38,39966452	-12,14123596	VS-150	1	-38,41285548	-12,20909271	VS-70	3
-38,3994629	-12,129204	MV-250	1	-38,44569808	-12,15352364	VS-250	1
-38,44260153	-12,13832327	VS-70	1	-38,41824801	-12,14328019	MV-250	1
-38,43435476	-12,14678024	VS-70	1	-38,40187406	-12,14408338	VS-70	1
-38,43890812	-12,13516701	VS-70	1	-38,39936936	-12,13217082	VS-70	1
-38,43783475	-12,13994863	MV-250	1	-38,4299614	-12,14820026	VS-250	1
-38,33801218	-12,21525807	VS-70	1	-38,43840811	-12,1277287	VS-150	1
-38,41652305	-12,13602527	VS-70	1	-38,39778361	-12,14271325	MV-400	1
-38,50534132	-12,23494675	VS-70	1	-38,43237142	-12,13390868	VS-70	1
-38,50480984	-12,18558708	MV-250	1	-38,44480131	-12,15332893	VS-70	1
-38,41049632	-12,15474175	MV-250	1	-38,44724229	-12,13213414	VS-70	1
-38,41948051	-12,14488619	VS-70	1	-38,4198547	-12,12742698	MV-250	1
-38,44447981	-12,13469372	MV-250	1	-38,4198547	-12,12742698	MV-250	1
-38,44227097	-12,11170206	VS-250	1	-38,41841646	-12,11397536	VS-70	1
-38,50670818	-12,18998532	VS-250	1	-38,43200981	-12,11615375	MV-250	1
-38,42284009	-12,12830475	VS-250	1	-38,41164798	-12,15440557	MV-250	1
-38,42838631	-12,15310024	MV-250	1	-38,40886641	-12,109407	MV-250	1
-38,41294468	-12,12430865	VS-70	1	-38,39620984	-12,15500953	VS-70	1
-38,4183654	-12,1381965	MV-400	1	-38,41977766	-12,15463368	VS-250	1
-38,44280812	-12,14487531	VS-70	1	-38,4752855	-12,13941724	VS-250	1
-38,44280812	-12,14487531	VS-400	1	-38,4752855	-12,13941724	VS-250	1
-38,42157639	-12,12556701	VS-70	1	-38,43981504	-12,14160293	VS-250	2
-38,42157639	-12,12556701	VS-70	1	-38,43981504	-12,14160293	VS-250	1
-38,43524671	-12,04662421	VS-70	1	-38,40894649	-12,11869248	VS-70	1
-38,39857226	-12,13974619	MV-400	1	-38,44694818	-12,13583914	VS-400	1
-38,39857226	-12,13974619	VS-150	1	-38,44694818	-12,13583914	VS-70	1
-38,41978331	-12,15084058	VS-250	1	-38,45489979	-12,15153204	VS-70	1
-38,41751635	-12,14773188	VS-70	1	-38,43125809	-12,11738873	MV-250	1
-38,44182483	-12,11258886	VS-70	1	-38,43995568	-12,14201007	VS-70	1
-38,39206234	-12,14458463	VS-70	1	-38,36281605	-12,18403142	VS-70	1
-38,41555837	-12,12389513	VS-70	1	-38,40204931	-12,12787332	VS-70	1
-38,41555837	-12,12389513	VS-70	1	-38,40094121	-12,12720256	VS-70	1
-38,41555837	-12,12389513	VS-250	1	-38,40073027	-12,12790843	VS-70	1
-38,38974575	-12,15549648	VS-150	1	-38,39927572	-12,12792317	VS-70	1
-38,38809647	-12,15518524	VS-150	1	-38,43264643	-12,1367353	MV-250	1
-38,43143484	-12,11786043	MV-250	1	-38,42613305	-12,14523527	MV-250	1
-38,43108309	-12,13574371	MV-250	1	-38,46522768	-12,14188323	MV-400	6
-38,42573807	-12,14062633	VS-250	1	-38,43690805	-12,13513366	MV-250	1
-38,42259562	-12,12765696	VS-400	1	-38,42707642	-12,1355636	VS-250	1
-38,42259562	-12,12765696	VS-70	1	-38,43102907	-12,20699883	VS-70	1
-38,44898571	-12,12601044	VS-70	1	-38,40666129	-12,1415868	MV-250	1
-38,44838642	-12,12683597	VS-70	1	-38,41060494	-12,00579599	VS-70	1
-38,4442625	-12,12966001	VS-250	1	-38,40432464	-12,12926858	VS-70	1
-38,41179071	-12,11968053	VS-70	1	-38,42652919	-12,14034561	VS-250	1
-38,46069378	-11,93812197	MV-250	1	-38,41733631	-12,15582184	MV-250	1
-38,46069378	-11,93812197	MV-400	1	-38,41025975	-12,11699699	VS-70	1
-38,37773787	-11,9575081	MV-250	1	-38,41476637	-12,128017	VS-70	1
-38,36724637	-12,0001907	VS-70	1	-38,41278803	-12,13687024	MV-250	1
-38,37754644	-11,97911764	VS-70	1	-38,44012639	-12,15175439	VS-70	1
-38,41951849	-11,94236827	VS-70	1	-38,44012639	-12,15175439	VS-250	1
-38,367493	-12,00029573	VS-70	1	-38,44140852	-12,15065207	VS-70	1
-38,367493	-12,00029573	VS-70	1	-38,43999355	-12,15247721	VS-70	1
-38,43924764	-11,93590135	VS-70	1	-38,44131923	-12,15435508	VS-70	1
-38,36304222	-11,98991004	VS-70	1	-38,44931641	-12,15383695	MV-250	1
-38,37199968	-11,99125746	VS-70	1	-38,49153464	-12,23327498	VS-70	1
-38,46472054	-11,94205192	VS-70	1	-38,51395647	-12,20270367	MV-250	1
-38,37229188	-11,98678374	VS-70	1	-38,41028273	-12,24932954	VS-70	1
-38,35183454	-12,03692214	VS-70	1	-38,49219295	-12,24960489	VS-70	1
-38,40075668	-11,93945478	VS-70	1	-38,45241479	-12,15408196	MV-250	1
-38,412035	-11,998811	VS-70	1	-38,4601835	-12,26140135	VS-70	1
-38,37797645	-11,95724444	MV-250	1	-38,45137875	-12,23297586	VS-70	1
-38,42374187	-11,93559497	VS-70	1	-38,39663264	-12,13870151	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,37060805	-11,99095253	VS-70	1	-38,41194607	-12,11717438	VS-70	1
-38,41402842	-11,94227823	VS-70	1	-38,42743808	-12,14441695	VS-250	1
-38,33847619	-11,97046406	VS-70	1	-38,49273628	-12,2497766	VS-70	1
-38,41352668	-11,97285958	VS-70	1	-38,4475213	-12,113575	MV-250	1
-38,4258152	-11,93478672	VS-70	1	-38,44725934	-12,11181167	MV-250	1
-38,37672667	-11,95629483	MT-500	1	-38,39772648	-12,14687435	MV-250	1
-38,37672667	-11,95629483	VS-250	1	-38,36091996	-12,12949693	VS-70	1
-38,35626626	-11,99840571	VS-70	1	-38,41531389	-12,13304882	VS-250	1
-38,33858778	-11,9700207	VS-70	1	-38,422047	-12,11650862	VS-70	1
-38,37359632	-11,98739578	VS-70	1	-38,40833788	-12,12778026	VS-250	1
-38,42099488	-11,93842744	VS-70	1	-38,40833788	-12,12778026	MV-400	1
-38,37230967	-12,02714566	VS-70	1	-38,41459549	-12,20171516	VS-70	1
-38,41617722	-11,94391828	VS-70	1	-38,40570143	-12,22051294	VS-70	1
-38,37877147	-11,95703283	VS-250	1	-38,40074993	-12,14121661	VS-150	1
-38,36047131	-12,03359886	VS-70	1	-38,43975261	-12,10597387	VS-70	1
-38,41254116	-12,23425464	VS-70	1	-38,44896145	-12,14319205	VS-70	1
-38,4631422	-11,94045195	VS-70	1	-38,43263973	-12,1503753	VS-150	1
-38,4631422	-11,94045195	VS-70	1	-38,41559641	-12,11925202	MV-250	1
-38,37898966	-12,0317873	VS-70	1	-38,41529804	-12,11241875	VS-70	1
-38,39999594	-11,9521537	VS-70	1	-38,41773944	-12,23213972	VS-70	1
-38,42317841	-11,94610587	VS-70	1	-38,40709133	-12,13958182	MV-250	1
-38,36940294	-12,04821045	VS-70	1	-38,42557747	-12,12901418	VS-250	1
-38,35578278	-12,03164066	VS-70	1	-38,39666034	-12,13897485	VS-70	1
-38,35625962	-11,99895399	VS-70	1	-38,44649024	-12,12263721	VS-70	1
-38,41029561	-12,0195681	VS-70	2	-38,40696854	-12,12093177	VS-70	1
-38,37167286	-11,9955009	VS-70	1	-38,40118341	-12,15212982	VS-70	1
-38,45695624	-11,9375581	VS-70	1	-38,40687966	-12,14645012	VS-70	1
-38,34522784	-12,0353221	VS-70	1	-38,36298444	-12,18455475	VS-70	1
-38,46361221	-11,9408503	VS-70	1	-38,43271644	-12,13612867	VS-250	1
-38,42532733	-12,16053133	VS-150	1	-38,46213812	-12,25838247	VS-70	1
-38,42437472	-12,13713027	VS-250	10	-38,42314634	-12,13375197	VS-250	1
-38,43023859	-12,13166796	VS-250	1	-38,40799073	-12,12470721	VS-150	1
-38,41484634	-12,14642181	VS-70	1	-38,45293649	-12,14354542	VS-70	1
-38,41484634	-12,14642181	VS-250	1	-38,41869132	-12,13632697	MV-250	1
-38,4351381	-12,14078364	MV-250	1	-38,41508628	-12,15269014	VS-70	1
-38,41851512	-11,94099824	VS-70	1	-38,41508628	-12,15269014	VS-400	1
-38,43271744	-12,13988156	VS-250	1	-38,41647963	-12,14594191	VS-250	1
-38,44692489	-12,14350972	MV-250	1	-38,41184631	-12,14659184	MV-250	1
-38,42365138	-12,13327862	VS-70	1	-38,44435618	-12,13001174	VS-250	1
-38,37671596	-12,10711622	VS-70	1	-38,44710335	-12,14039253	VS-70	1
-38,44297483	-12,11498503	MV-250	1	-38,41904975	-12,11713373	VS-70	1
-38,44297483	-12,11498503	VS-70	1	-38,41904975	-12,11713373	VS-70	1
-38,44460421	-12,11583574	MV-250	1	-38,4157748	-12,1400262	VS-250	1
-38,4460915	-12,11377909	VS-250	1	-38,48921978	-12,17798866	MV-250	1
-38,4460915	-12,11377909	MV-400	4	-38,40497464	-12,12993022	VS-70	1
-38,42347467	-12,14596186	VS-250	1	-38,39870835	-12,19820889	VS-70	1
-38,3967596	-12,15213677	VS-70	1	-38,45053638	-12,15341363	VS-70	1
-38,43456642	-12,145762	VS-70	1	-38,43183642	-12,13892369	VS-150	3
-38,40594466	-12,14496178	MV-250	1	-38,43183642	-12,13892369	VS-250	1
-38,41520041	-12,14381137	MV-250	1	-38,43183642	-12,13892369	VS-250	1
-38,41147139	-12,14706703	VS-250	1	-38,41617909	-12,15034357	VS-70	1
-38,46528317	-12,13770214	VS-250	1	-38,45424806	-12,15488863	VS-250	1
-38,4052663	-12,13839687	MV-250	1	-38,43900907	-12,13241879	VS-70	2
-38,43176637	-12,14551859	VS-250	2	-38,46184735	-12,25327833	VS-70	1
-38,42750145	-12,12457872	VS-70	1	-38,4433531	-12,12716708	VS-250	1
-38,41580292	-12,17889164	MV-400	1	-38,42527806	-12,14670358	VS-400	1
-38,41458471	-12,11952038	MV-250	1	-38,42527806	-12,14670358	MV-400	1
-38,40179394	-12,14258433	MV-250	1	-38,43174139	-12,13517031	VS-250	6
-38,41602834	-12,12394392	VS-250	1	-38,43174139	-12,13517031	VS-250	1
-38,43348974	-12,14229366	VS-250	1	-38,43174139	-12,13517031	MV-250	7
-38,41481307	-12,13259567	VS-250	1	-38,46598824	-12,13716219	VS-70	1
-38,39799625	-12,14988346	VS-70	1	-38,46598824	-12,13716219	VS-70	1
-38,49490619	-12,27072639	VS-70	1	-38,40396636	-12,12402027	VS-70	1
-38,44207823	-12,11276716	VS-70	1	-38,42728113	-12,25309961	VS-70	1
-38,43510641	-12,13647364	MV-250	1	-38,44656978	-12,14305704	VS-150	1
-38,42302466	-12,14320196	MV-400	1	-38,41711135	-12,13462359	MV-400	1
-38,42302466	-12,14320196	VS-150	1	-38,41711135	-12,13462359	VS-250	15

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,40002585	-12,20993912	VS-70	1	-38,41711135	-12,13462359	MV-150	7
-38,42837786	-12,2262681	VS-70	1	-38,41711135	-12,13462359	VS-250	5
-38,43086294	-12,14774575	VS-70	1	-38,41341633	-12,12689198	VS-70	1
-38,41205801	-12,13222188	VS-250	1	-38,44364987	-12,13398271	VS-70	1
-38,39649458	-12,14213516	VS-70	1	-38,3984233	-11,96138459	VS-70	1
-38,27731481	-12,12087676	MV-250	1	-38,42008301	-12,1268253	MV-250	1
-38,40555465	-12,12378697	VS-70	1	-38,44527797	-12,11506579	MV-250	1
-38,37601527	-11,95542629	MV-250	1	-38,44662878	-12,11371918	MV-250	1
-38,48119183	-12,23122196	VS-70	1	-38,42419969	-12,14339861	MV-250	1
-38,41770971	-12,12188034	VS-150	1	-38,44529785	-12,15751921	VS-70	1
-38,41770971	-12,12188034	VS-250	1	-38,41147361	-12,14381608	MV-250	1
-38,42126135	-12,15186517	MV-400	1	-38,41456635	-12,12392534	VS-250	1
-38,43382476	-12,14015529	MV-250	1	-38,3721695	-12,13003174	VS-70	1
-38,42876785	-12,22644306	VS-70	1	-38,44027141	-12,13401869	MV-250	1
-38,42876785	-12,22644306	VS-70	1	-38,32855934	-12,18463132	VS-70	1
-38,42264302	-12,13464528	VS-400	1	-38,45968132	-12,22599486	VS-70	1
-38,42264302	-12,13464528	VS-400	1	-38,41571475	-12,12086533	MV-250	1
-38,40843597	-12,12612219	MV-250	1	-38,4153047	-12,1249453	VS-70	1
-38,4189814	-12,12440036	MV-250	1	-38,41558609	-12,12512886	VS-70	1
-38,41452965	-12,14930184	VS-70	2	-38,41572134	-12,12465362	VS-70	1
-38,40919014	-12,21501547	VS-70	1	-38,41617801	-12,12474366	MV-250	1
-38,40826114	-12,21241314	VS-70	1	-38,41616749	-12,12281336	VS-70	1
-38,52837787	-12,18095919	VS-70	1	-38,41600136	-12,12490495	MV-250	1
-38,45201056	-12,13901877	MV-250	1	-38,42963398	-12,12976274	VS-250	1
-38,39811961	-12,13305517	VS-70	1	-38,49562965	-12,23148338	VS-70	1
-38,39954293	-12,14952846	MV-250	1	-38,42924789	-12,22327645	VS-70	1
-38,39954293	-12,14952846	VS-70	1	-38,39797613	-12,22565626	VS-70	1
-38,42547047	-12,13692156	VS-70	1	-38,39902534	-12,00347298	VS-70	1
-38,40796296	-12,12946858	VS-70	1	-38,44036643	-12,13278543	MV-250	1
-38,39596204	-12,14961112	VS-70	1	-38,44006978	-12,13299538	MV-250	1
-38,41284632	-12,12909359	VS-250	1	-38,42119295	-12,15563851	VS-70	1
-38,42312959	-12,13800659	VS-400	1	-38,41533308	-12,114272	VS-70	1
-38,41958463	-12,14796523	VS-250	1	-38,43677954	-12,12844959	VS-250	1
-38,39865128	-12,21012106	VS-70	1	-38,37638795	-11,95993175	VS-70	1
-38,411933	-12,13358857	MV-250	1	-38,44653895	-12,13134081	VS-150	1
-38,44397219	-12,11074444	VM-250	1	-38,41386451	-12,11184702	VS-70	1
-38,44411725	-12,11009842	MV-250	1	-38,41365721	-12,14212261	MV-250	1
-38,43931321	-12,11112387	VS-70	1	-38,41506304	-12,13487363	MV-250	1
-38,41290967	-12,15171512	VS-70	1	-38,40959122	-12,1254811	MV-250	1
-38,44282658	-12,1483589	VS-250	1	-38,40959122	-12,1254811	VS-70	1
-38,44627145	-12,12802543	VS-70	2	-38,44404501	-12,15929364	VS-70	1
-38,44627145	-12,12802543	VS-150	1	-38,40249043	-12,14981944	VS-70	1
-38,42139642	-12,13112194	VS-250	1	-38,43134144	-12,11844707	MV-250	1
-38,4135419	-12,11569494	VS-70	1	-38,4390415	-12,12307545	VS-70	1
-38,40489154	-12,0238089	VS-70	1	-38,48626023	-12,2278868	VS-70	1
-38,42966636	-12,14397029	VS-70	2	-38,40530463	-12,12416529	VS-70	1
-38,40050654	-12,13142303	MV-250	1	-38,44822068	-12,15429426	MV-250	1
-38,40050654	-12,13142303	MT-500	1	-38,40482966	-12,13699183	MV-250	1
-38,41899116	-12,09097519	VS-250	1	-38,43752642	-12,13971871	MV-250	1
-38,42351128	-12,13424045	VS-250	1	-38,43752642	-12,13971871	VS-250	1
-38,41875804	-12,14556857	VS-250	1	-38,42849972	-12,13646701	MV-250	1
-38,34406597	-12,21041614	VS-70	1	-38,42849972	-12,13646701	VS-250	1
-38,43249303	-12,14441699	VS-250	1	-38,41675962	-12,1459302	VS-250	1
-38,35022433	-12,19784293	VS-70	1	-38,46147951	-12,26364136	VS-70	1
-38,4275232	-12,08113398	VS-70	1	-38,41582297	-12,1529818	MV-250	1
-38,33414103	-12,17201964	VS-70	1	-38,41582297	-12,1529818	VS-70	1
-38,41656127	-12,12064222	MV-250	1	-38,41893635	-12,12398201	MV-150	1
-38,28115642	-12,10779678	VS-70	1	-38,41988141	-12,130687	VS-250	1
-38,40411777	-12,24552785	VS-70	1	-38,44323641	-12,14522702	VS-70	1
-38,40398964	-12,14090681	MV-250	1	-38,4045813	-12,11914197	VS-70	1
-38,40398964	-12,14090681	MV-250	1	-38,41349447	-12,22028142	VS-70	1
-38,41543796	-12,1489252	VS-250	1	-38,43823479	-12,11843048	VS-70	1
-38,39940793	-12,14910181	MV-250	1	-38,43823479	-12,11843048	VS-250	1
-38,43701974	-12,1455936	MV-250	1	-38,39838839	-11,94338696	VS-70	1
-38,42263214	-12,1326237	VS-250	1	-38,40347165	-11,94129479	VS-70	2
-38,43015599	-12,1368392	VS-250	1	-38,38591152	-11,94634956	VS-70	1
-38,32754937	-12,17308471	VS-70	1	-38,41580005	-11,97225129	VS-70	1

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,50624336	-12,26158906	VS-70	1	-38,41521009	-11,97209461	VS-70	1
-38,49077978	-12,17858205	MV-250	1	-38,40113334	-11,9411564	VS-70	1
-38,44271816	-12,13343207	MV-250	1	-38,41008836	-11,94255148	VS-70	2
-38,40667753	-12,21347568	VS-70	1	-38,39886311	-11,94242166	VS-70	1
-38,44473816	-12,1480857	VS-70	1	-38,39078326	-11,94589801	VS-70	1
-38,43038307	-12,13201367	VS-250	1	-38,46157886	-11,93817195	VS-70	1
-38,46490425	-12,14016162	VS-70	1	-38,36970969	-11,99518909	VS-70	1
-38,42682136	-12,15405854	VS-70	2	-38,43502698	-11,93471677	VS-70	1
-38,43546812	-12,13639372	MV-150	1	-38,43951184	-11,93587464	VS-70	1
-38,43546812	-12,13639372	MV-400	1	-38,37309105	-11,98815407	VS-70	1
-38,40901749	-12,2134882	MV-250	1	-38,40794504	-11,93806814	VS-70	1
-38,40432114	-12,23411963	VS-150	2	-38,41914408	-11,93678329	VS-70	1
-38,40432114	-12,23411963	VS-70	1	-38,35699458	-12,00001399	VS-70	1
-38,42746708	-12,14759759	MV-250	1	-38,37159636	-11,99323584	VS-150	1
-38,42153802	-12,15180683	VS-250	1	-38,370668	-11,99320745	VS-70	1
-38,28489478	-12,10490014	VS-70	1	-38,3992796	-12,15141012	VS-250	1
-38,4436224	-12,15514169	VS-70	1	-38,45347478	-12,15313696	VS-70	1
-38,43517306	-12,13677366	MV-250	1	-38,44384311	-12,13173541	VS-250	1
-38,40689136	-12,12303532	VS-70	1	-38,44384311	-12,13173541	VS-70	1
-38,44983015	-12,15733876	VS-70	1	-38,40453297	-12,14081684	MV-250	1
-38,42376974	-12,13681526	MV-400	1	-38,42438302	-12,14676854	VS-250	1
-38,44947805	-12,15562861	VS-70	1	-38,44416149	-12,13246539	MV-250	1
-38,43589975	-12,12446709	MV-250	1	-38,4273514	-12,14117193	VS-250	1
-38,41577804	-12,11956201	MV-250	1	-38,41413636	-12,12475531	MV-250	1
-38,43026312	-12,13045367	VS-250	1	-38,42545848	-12,1260086	VS-70	1
-38,41895786	-12,23096965	VS-70	1	-38,42545848	-12,1260086	VS-400	1
-38,41895786	-12,23096965	VS-250	1	-38,41415804	-12,12338863	VS-70	1
-38,50603482	-12,18651542	MV-250	1	-38,42772645	-12,129227	VS-70	1
-38,42687346	-12,14641657	MV-250	1	-38,42156798	-12,14176187	VS-250	1
-38,42413127	-12,14367883	MV-250	1	-38,405018	-12,13859187	MV-250	1
-38,42466725	-12,14527932	MV-250	1	-38,43446641	-12,13653363	MV-250	1
-38,42570731	-12,14889694	MV-250	2	-38,42114842	-12,14021841	MV-250	1
-38,43755482	-12,11304213	VS-250	1	-38,43398481	-12,12066878	VS-150	1
-38,44102524	-12,13562351	MV-250	1	-38,40105949	-12,20020814	VS-70	1
-38,40057652	-12,13345211	VS-70	1	-38,3991233	-12,02324018	MV-250	1
-38,40057652	-12,13345211	VS-70	1	-38,3991233	-12,02324018	VS-70	1
-38,4313431	-12,13708534	MV-250	1	-38,43934773	-12,13299637	VS-70	1
-38,41800138	-12,119612	VS-70	1	-38,44568448	-12,15734111	VS-70	1
-38,42846307	-12,11817544	MV-250	1	-38,44373781	-12,15817689	VS-70	1
-38,42416474	-12,13836527	MV-400	1	-38,42272925	-12,13593754	MV-400	1
-38,42832144	-12,13485201	VS-250	1	-38,42272925	-12,13593754	VS-400	1
-38,42288001	-12,1204812	VS-70	1	-38,41924973	-12,12690036	MV-250	1
-38,39721204	-12,13917557	VS-70	1	-38,42885977	-12,13462696	VS-250	1
-38,4407189	-12,15465111	VS-70	1	-38,4098035	-12,12504271	MV-250	1
-38,41831902	-12,14561687	VS-250	1	-38,49019485	-12,1783537	MV-250	1
-38,42080633	-12,13405362	MV-250	1	-38,37874237	-12,10700785	VS-70	1
-38,42080633	-12,13405362	VS-250	1	-38,30044802	-12,11641667	VS-70	1
-38,43101645	-12,12988701	MV-250	1	-38,39858627	-12,14926342	MV-250	1
-38,38901578	-12,15627209	VS-150	1	-38,41582947	-12,22173644	VS-70	1
-38,4120033	-11,999896	VS-70	1	-38,4344931	-12,14610029	VS-70	1
-38,41402973	-12,11818036	VS-70	1	-38,4314297	-12,13743699	MV-250	1
-38,4029696	-12,13253686	MV-250	1	-38,40382971	-12,11909366	VS-70	1
-38,4029696	-12,13253686	LD-100	1	-38,43315311	-12,11865376	VS-250	1
-38,47511252	-12,14270071	VS-70	1				
-38,39731594	-11,94744677	VS-70	1				
-38,42221801	-12,1400453	MV-250	1				
-38,42538778	-12,25348791	VS-70	1				
-38,37686417	-12,13425241	VS-70	1				
-38,40142256	-12,13255718	VS-70	1				
-38,29571218	-11,96144595	VS-70	1				
-38,41530297	-12,15360179	VS-70	1				
-38,41838289	-12,14769915	VS-250	1				
-38,41809862	-12,13515002	MV-400	1				
-38,40461801	-12,13226356	VS-250	1				
-38,40461801	-12,13226356	VS-70	1				
-38,4104616	-12,13943576	VS-250	1				
-38,43224307	-12,14625694	VS-250	1				

LATITUDE	LONGITUDE	NOME	QNT	LATITUDE	LONGITUDE	NOME	QNT
-38,38887171	-12,15371363	VS-150	1				
-38,39989096	-12,13622763	MV-250	1				
-38,38203483	-11,9523795	VS-70	1				
-38,43064116	-12,25230631	VS-70	1				
-38,42515975	-12,13386863	MV-250	1				
-38,50857483	-12,17972881	VS-70	1				
-38,43601811	-12,12981202	VS-250	1				
-38,43601811	-12,12981202	VS-70	1				
-38,40112465	-12,14030679	MV-250	1				
-38,40112465	-12,14030679	LD-100	1				
-38,40112465	-12,14030679	VS-70	1				
-38,39550942	-12,22925123	VS-70	1				
-38,33248099	-12,17740466	VS-70	1				
-38,43657892	-12,23702843	VS-70	1				
-38,40997806	-12,11727534	VS-70	1				
-38,44507817	-12,12795377	MV-150	1				

ANEXO 2 – RESULTADOS LEVANTAMENTOS – GRUPO 1

ANEXO 2 – RESULTADOS DE LEVANTAMENTO – GRUPO 1

NBR 5101				Calçada do ponto					Via					Calçada oposta				
Endereço	Via	Calçada	Data	Emín	Emed	NBR	U	NBR	Emín	Emed	Emed (NBR	U	U (NBR)	Emín	Emed	NBR	U	NBR
Rua Dona Amália	V3	P3	14/3/22	-	5,06	Atende	-	Não Atende	-	5,72	Não Atende	-	Não Atende	0,69	3,08	Não Atende	0,22	Atende
Estrada para Araças	V3	P3	14/3/22						1,99	4,25	Não Atende	0,47	Atende	-				
N/I	V5	P4	14/3/22	1,90	14,54	Atende	0,13	Não Atende	2,28	15,51	Atende	0,15	Não Atende	6,05	11,23	Atende	0,54	Atende
N/I	V5	P4	14/3/22						6,18	6,18	Não Atende	0,11	Não Atende	-				
Travessa Jequié	V5	P4	14/3/22						0,27	6,78	Não Atende	0,27	Atende	-				
2a Travessa Ayrton Senna	V5	P4	15/3/22	-	14,12	Atende	-	Não Atende	5,06	21,18	Atende	0,24	Atende	4,80	10,57	Atende	0,45	Atende
Tv. Paulo Afonso	V5	P4	16/3/22	19,00	40,56	Atende	0,47	Atende	19,98	47,35	Atende	0,42	Atende	10,70	20,71	Atende	0,52	Atende
N/I	V5	P4	15/3/22	1,74	4,93	Atende	0,35	Atende	1,70	5,41	Não Atende	0,31	Atende	1,51	4,87	Atende	0,31	Atende
Av. Ayrton Senna	V2	P2	14/3/22						20,75	33,67	Atende	0,62	Atende	19,53	32,94	Atende	0,59	Atende
Rua O	V5	P4	15/3/22	-	-	Não Atende	1,57	Atende	-	-	Não Atende	1,63	Atende	-	-	Não Atende	1,85	Atende
N/I	V5	P4	16/3/22	2,00	8,32	Atende	0,24	Atende	0,36	7,81	Não Atende	0,05	Não Atende	-				
Rua Genésio da Conceição	V5	P4	14/3/22	0,40	3,59	Atende	0,11	Não Atende	0,46	4,78	Não Atende	0,10	Não Atende	2,12	7,47	Atende	0,28	Atende
Rua T	V5	P4	16/3/22	5,90	16,85	Atende	0,35	Atende	4,77	22,79	Atende	0,21	Atende	4,20	12,29	Atende	0,34	Atende
Rua São Francisco de Assis	V5	P4	16/3/22						0,43	3,68	Não Atende	0,12	Não Atende	-				
Rua São José	V5	P4	15/3/22						1,98	16,05	Atende	0,12	Não Atende	1,30	7,13	Atende	0,18	Não Atende
TV Dois de Junho	V4	P4	15/3/22	2,08	17,45	Atende	0,12	Não Atende	5,46	28,12	Atende	0,19	Não Atende	-				
Rua Severino Vieira	V4	P4	15/3/22	2,10	6,40	Atende	0,33	Atende	3,59	10,81	Não Atende	0,33	Atende	4,35	10,28	Atende	0,42	Atende
Tv. Quatorze de Janeiro	V5	P4	15/3/22	2,15	13,90	Atende	0,15	Não Atende	2,71	11,86	Não Atende	0,23	Atende	2,70	5,08	Atende	0,53	Atende
Rua Atias F. da Silva	V5	P4	15/3/22	2,90	16,72	Atende	0,17	Não Atende	2,81	16,04	Atende	0,18	Não Atende	2,45	5,45	Atende	0,45	Atende
Rua Thompson Flores	V5	P4	15/3/22	5,03	27,45	Atende	0,18	Não Atende	18,30	36,26	Atende	0,50	Atende	18,79	29,55	Atende	0,64	Atende
Av. do Barreiro	V4	P4	14/3/22	9,10	20,23	Atende	0,45	Atende	4,23	24,03	Atende	0,18	Não Atende	2,80	11,32	Atende	0,25	Atende
N/I	V5	P4	16/3/22	0,56	3,26	Atende	0,17	Não Atende	0,66	2,54	Não Atende	0,26	Atende	-				
Rua da Caixa D'Água	V5	P4	14/3/22	0,60	5,16	Atende	0,12	Não Atende	0,60	5,08	Não Atende	0,12	Não Atende	0,48	3,33	Atende	0,14	Não Atende
N/I	V5	P4	14/3/22						1,54	2,94	Não Atende	0,53	Atende	-				
Rua Aristóteles Souza Dantas	V3	P3	16/3/22	1,10	28,14	Atende	0,04	Não Atende	1,45	19,75	Atende	0,07	Não Atende	2,10	6,54	Atende	0,32	Atende
Rua Gilberto Freire	V5	P4	16/3/22	3,32	6,02	Atende	0,55	Atende	3,33	7,83	Não Atende	0,42	Atende	2,30	7,32	Atende	0,31	Atende
Rua K	V5	P4	16/3/22	2,26	7,27	Atende	0,31	Atende	1,96	6,78	Não Atende	0,29	Atende	1,48	3,26	Atende	0,45	Atende
N/I	V5	P4	15/3/22	0,50	5,57	Atende	0,09	Não Atende	1,21	6,17	Não Atende	0,20	Não Atende	1,55	4,92	Atende	0,31	Atende
Travessa Teresópolis	V5	P4	15/3/22	1,06	15,39	Atende	0,07	Não Atende	1,46	14,48	Não Atende	0,10	Não Atende	4,35	15,68	Atende	0,28	Atende
Rua Edgar Bacelar Silva	V5	P4	15/3/22	0,52	5,21	Atende	0,10	Não Atende	0,58	5,83	Não Atende	0,10	Não Atende	0,81	5,27	Atende	0,15	Não Atende
Rua Manoel Vitorino	V5	P4	15/3/22	4,80	19,92	Atende	0,24	Atende	6,20	23,55	Atende	0,26	Atende	5,16	8,00	Atende	0,64	Atende
BA-504	V2	P2	16/3/22	1,80	2,72	Não Atende	0,66	Atende	1,95	3,72	Não Atende	0,52	Atende	2,83	5,50	Não Atende	0,51	Atende
Rua Maechal Bitencourt	V2	P2	15/3/22	5,30	11,32	Atende	0,47	Atende	8,09	23,36	Atende	0,35	Atende	4,40	30,25	Atende	0,15	Não Atende
Rua Conselheiro Franco	V2	P2	15/3/22	0,90	10,89	Atende	0,08	Não Atende	1,83	13,64	Não Atende	0,13	Não Atende	1,90	20,08	Atende	0,09	Não Atende
Rua Vinte e Quatro de Maio	V3	P3	15/3/22	0,47	8,63	Atende	0,05	Não Atende	0,76	12,17	Não Atende	0,06	Não Atende	1,47	15,83	Atende	0,09	Não Atende
Rua Dr. Pedro Pondé	V5	P4	15/3/22	7,80	52,86	Atende	0,15	Não Atende	4,75	26,86	Atende	0,18	Não Atende	4,30	42,97	Atende	0,10	Não Atende
Rua Severino Viêira	V5	P4	15/3/22	1,20	11,64	Atende	0,10	Não Atende	1,91	12,14	Não Atende	0,16	Não Atende	2,80	5,04	Atende	0,56	Atende
Travessa Severino Vieira	V5	P4	15/3/22	3,49	19,36	Atende	0,18	Não Atende	18,68	34,04	Atende	0,55	Atende	18,15	25,80	Atende	0,70	Atende
Rua Elvira Dórea	V2	P2	14/3/22	12,12	21,85	Atende	0,55	Atende	16,16	38,44	Atende	0,42	Atende	15,10	34,84	Atende	0,43	Atende
Rua Lauro de Freitas	V2	P2	14/3/22	18,20	38,25	Atende	0,48	Atende	40,80	79,59	Atende	0,51	Atende	23,47	37,71	Atende	0,62	Atende
Travessa Juazeiro	V5	P4	14/3/22	-	10,07	Atende	-	Não Atende	1,11	12,97	Não Atende	0,09	Não Atende	-	4,72	Atende	-	Não Atende
Rua E	V5	P4	14/3/22	5,00	27,63	Atende	0,18	Não Atende	6,37	26,06	Atende	0,24	Atende	5,40	10,53	Atende	0,51	Atende
Rua E Ltm Hermes Carvalho	V5	P4	15/3/22	0,56	3,98	Atende	0,14	Não Atende	0,58	4,04	Não Atende	0,14	Não Atende	0,75	3,16	Atende	0,24	Atende
Rua G	V5	P4	15/3/22	2,16	12,38	Atende	0,17	Não Atende	5,77	21,29	Atende	0,27	Atende	7,10	9,89	Atende	0,72	Atende
Rua Paulo Afonso	V2	P3	14/3/22	1,40	33,82	Atende	0,04	Não Atende	1,91	14,48	Não Atende	0,13	Não Atende	-				

1ª Travessa Paulo Afonso	V5	P4	14/3/22	1,80	6,28	Atende	0,29	Atende	1,56	6,52	Não Atende	0,24	Atende	1,45	3,86	Atende	0,38	Atende
Rua C	V5	P4	14/3/22	0,51	6,64	Atende	0,08	Não Atende	0,47	7,39	Não Atende	0,06	Não Atende	0,46	4,50	Atende	0,10	Não Atende
Rua A	V5	P4	14/3/22	3,40	8,40	Atende	0,40	Atende	1,10	7,96	Não Atende	0,27	Atende	2,05	4,22	Atende	0,49	Atende
Rua São Raimundo	V5	P4	14/3/22	4,90	10,86	Atende	0,45	Atende	3,09	19,25	Atende	0,32	Atende	1,45	5,76	Atende	0,25	Atende
Rua 13	V5	P4	14/3/22	1,12	4,21	Atende	0,27	Atende	1,10	19,25	Atende	0,23	Atende	1,07	4,28	Atende	0,25	Atende
Rua Manoel Vitorino	V2	P2	15/3/22	6,00	15,34	Atende	0,39	Atende	7,16	19,25	Atende	0,37	Atende	5,80	8,65	Não Atende	0,67	Atende
Rua José Galdino Maia	V4	P4	14/3/22	14,90	30,60	Atende	0,49	Atende	17,20	35,09	Atende	0,49	Atende	11,25	19,00	Atende	0,59	Atende
Rua A	V4	P4	15/3/22	5,12	6,28	Atende	0,35	Atende	5,33	20,78	Atende	0,26	Atende	-	4,17	Atende	-	Não Atende
Rua Padre Godinho	V4	P4	14/3/22	0,44	12,40	Atende	0,08	Não Atende	0,99	20,61	Atende	0,05	Não Atende	5,60	11,40	Atende	0,49	Atende
Rua Parque Imaculada Conceição (ou T	V5	P4	15/3/22	1,57	4,17	Atende	0,38	Atende	1,63	9,33	Não Atende	0,17	Não Atende	2,61	9,61	Atende	0,27	Atende
Rua do Eucalípto	V5	P4	14/3/22	2,59	25,28	Atende	0,10	Não Atende	18,06	41,60	Atende	0,43	Atende	10,20	22,08	Atende	0,46	Atende
Av. Luís Viana	V4	P4	16/3/22	3,80	13,30	Atende	0,29	Atende	23,17	23,17	Atende	0,20	Atende	10,37	22,50	Atende	0,46	Atende
Rua Santo Isidoro	V5	P4	14/3/22	3,15	21,99	Atende	0,14	Não Atende	6,19	19,25	Atende	0,29	Atende	-				
N/I	V5	P4	14/3/22	2,18	5,84	Atende	0,37	Atende	2,21	4,62	Não Atende	0,49	Atende	0,84	2,40	Não Atende	0,35	Atende
Tv Rio Branco	V5	P4	15/3/22	4,70	9,80	Atende	0,48	Atende	5,28	11,06	Não Atende	0,48	Atende	-				
N/I	V5	P4	15/3/22	1,77	11,99	Atende	0,15	Não Atende	1,78	12,15	Não Atende	0,15	Não Atende	-				
N/I	V5	P4	16/3/22	0,70	4,23	Atende	0,17	Não Atende	0,81	5,99	Não Atende	0,14	Não Atende	1,10	4,63	Atende	0,24	Atende
Av. Joseph Wagner	V2	P3	17/3/22	1,48	13,22	Atende	0,11	Não Atende	4,84	19,93	Atende	0,24	Não Atende	7,38	13,80	Atende	0,53	Atende

ANEXO 3 – RESULTADOS LEVANTAMENTOS – GRUPO 2

ANEXO 3 – RESULTADOS DE LEVANTAMENTO – GRUPO 2																						
Endereço	Classificação de Iluminação das Vias	Classificação de Iluminação das Vias de Pedestres	Data	Distância entre postes					Via							Comprimento do braço por ponto (m)						
				AB	BC	CD	Luminária (Campo)	Lâmpada (Cadastro)	Largura da Calçada do Ponto	Largura da Via	Largura da Calçada Oposta	A	B	C	D	Média de comprimento do braço		A	B	C	D	
N/I	V5	P4	14/3/22	60,00			VS 70	VS 70	-	3,50	-	7,00	6,80			1,00	1,00	1,00				
Rua Genésio da Conceição	V5	P4	14/3/22	48,00			MV 150	VS 150	2,20	7,00	2,40	6,50	7,00			1,00	1,00	1,00				
Rua da Caixa D'Água	V5	P4	14/3/22	46,00			VS 70	VS 70	2,50	3,80	3,80	7,00	5,70			1,00	1,00	1,00				
Rua Dona Amália	V3	P3	14/3/22	43,60			VM 250	VS 250	5,70	7,00	2,00	6,80	7,70			1,39	1,00	1,77				
Rua C	V5	P4	14/3/22	42,00			VS 150	VS 70	1,50	7,00	1,50	7,00	7,00			1,00	1,00	1,00				
Travessa Juazeiro	V5	P4	14/3/22	40,00			VS 150	VS 150	0,90	6,70	0,90	5,50	6,80			1,00	1,00	1,00				
Rua Paulo Afonso	V2	P2	14/3/22	40,00			MV 150	VS 250	5,00	12,00	-	8,50	7,70			2,50	2,50	2,50				
Av. Ayrton Senna	V2	P2	14/3/22	38,00			LD 90	LD 150	-	6,00	2,00	8,80	8,70			2,50	2,50	2,50				
Rua José Galdino Maia	V4	P4	14/3/22	38,00			MV 250	MV 400	1,30	9,00	1,80	7,50	7,30			2,53	2,50	2,55				
Rua Padre Godinho	V4	P4	14/3/22	38,00			LD 90	MV 250	2,00	11,40	0,90	7,50	8,00			2,50	2,50	2,50				
Estrada para Araças	V3	P3	14/3/22	36,00			MV 250	MV 250	-	6,50	-	8,50	8,60			1,77	1,77	1,77				
Rua 13	V5	P4	14/3/22	34,00			LD 50	VS 250	0,50	5,00	1,00	6,90	7,00			1,00	1,00	1,00				
Rua Santo Isidoro	V5	P4	14/3/22	34,00			VS 250	MV 250	4,00	8,00	-	7,37	7,50			1,77	1,77	1,77				
Av. do Barreiro	V4	P4	14/3/22	32,00			VS 250	VS 250	1,70	5,10	3,00	7,70	7,00			1,77	1,77	1,77				
N/I	V5	P4	14/3/22	30,00			VM 150	VS 150	1,50	6,00	1,50	7,00	7,30			1,00	1,00	1,00				
Rua E	V5	P4	14/3/22	30,00			VS 250	MV 250	2,00	7,00	2,50	7,15	7,10			1,77	1,77	1,77				
1ª Travessa Paulo Afonso	V5	P4	14/3/22	30,00			VS 70	VS 70	1,50	8,70	2,10	7,50	6,50			1,00	1,00	1,00				
Rua São Raimundo	V5	P4	14/3/22	30,00			LD 50	VS 70	2,00	6,50	1,70	7,50	7,00			1,00	1,00	1,00				
Rua Elvira Dórea	V2	P2	14/3/22	29,50			MV 400	MV 400	2,00	12,60	2,30	7,50	8,00			2,50	2,50	2,50				
Travessa Jequié	V5	P4	14/3/22	28,00			VS 70	VS 70	-	4,00	-	6,50	7,10			1,00	1,00	1,00				
Rua do Eucalipto	V5	P4	14/3/22	28,00			LD 90	VS 250	2,50	8,00	2,70	7,20	6,60			1,77	1,77	1,77				
Rua A	V5	P4	14/3/22	25,00			VS 70	VS 70	1,00	7,00	1,40	6,70	6,00			1,00	1,00	1,00				
N/I	V5	P4	14/3/22	25,00			VS 70	VS 70	2,90	3,60	2,00	6,90	6,60			1,00	1,00	1,00				
N/I	V5	P4	14/3/22	23,50			VS 70	VS 70	-	3,00	-	6,70	6,80			1,00	1,00	1,00				
Rua Lauro de Freitas	V2	P2	14/3/22	18,00			LD 90	MV 400	3,00	6,00	3,00	7,80	7,70			2,50	2,50	2,50				
Estrada para Tombador	V5	P4	14/3/22	53,00	54,70		VS 150	VS 250	-	5,40	1,00	7,50	6,50	6,80		1,00	1,00	1,00	1,00			
Rua Irará	V5	P4	14/3/22	42,00	51,10		LD 90	VS 250	1,80	9,10	1,20	8,00	7,90	7,60		2,50	2,50	2,50	2,50			
N/I	V5	P4	14/3/22	49,50	39,00		VS 70	VS 70	1,00	6,50	1,20	7,10	7,00	7,00		1,00	1,00	1,00	1,00			
Rua Santo Antonio	V5	P4	14/3/22	42,00	42,50		VS 150	VS 150	1,50	6,60	1,00	5,90	6,50	6,30		1,00	1,00	1,00	1,00			
N/I	V5	P4	14/3/22	40,00	40,00		VS 70	VS 70	1,00	7,40	1,00	7,15	6,50	7,10		1,00	1,00	1,00	1,00			
BA-504	V3	P3	14/3/22	40,00	39,00		VM 250	VM 250	2,00	6,80	1,50	7,80	8,00	7,90		3,50	3,50	3,50	3,50			
N/I	V5	P4	14/3/22	38,00			VS 70	VS 70	1,60	8,00	1,00	7,00	6,30			1,00	1,00	1,00				
Rua São Severino	V5	P4	14/3/22	37,50	37,90		VS 150	MV 250	-	4,00	1,70	7,60	7,50	7,50		1,77	1,77	1,77	1,77			
N/I	V5	P4	14/3/22	31,90	39,90		VS 150	VS 150	1,60	6,00	1,50	6,80	7,10	7,00		1,00	1,00	1,00	1,00			
Rua do Mangalô	V3	P3	14/3/22	36,50	32,40		VS 250	VS 250	2,10	10,80	1,80	6,80	7,50	6,80		1,77	1,77	1,77	1,30			
Rua Conselheiro Junqueira	V5	P4	14/3/22	32,00			VS 70	VS 70	1,50	6,00	1,00	6,80	6,50			1,00	1,00	1,00				
N/I	V5	P4	14/3/22	21,50	32,00		VM 150	VS 150	1,40	6,00	1,50	7,20	7,50	7,00		1,00	1,00	1,00	1,00			
TV Dois de Junho	V4	P4	15/3/22	49,30			MV 250	MV 250	3,00	8,00	-	7,20	7,50			1,77	1,77	1,77				
Rua A	V4	P4	15/3/22	44,00			VS 150	VS 70	1,50	7,00	-	7,50	7,00			1,77	1,77	1,77				
Rua São José	V5	P4	15/3/22	43,00			VS 250	VS 250	2,00	8,00	1,50	6,50	6,50			1,77	1,77	1,77				
Rua Conselheiro Franco	V2	P2	15/3/22	42,70			MV 150	MV 400	3,00	7,40	2,50	7,22	7,30			2,50	2,50	2,50				
Rua O	V5	P4	15/3/22	42,00			VS 150	VS 70	1,40	6,00	1,50	6,80	6,22			1,00	1,00	1,00				
Rua E Ltm Hermes Carvalho	V5	P4	15/3/22	41,40			VS 70	VS 70	1,10	4,00	1,10	6,10	6,00			1,00	1,00	1,00				
N/I	V5	P4	15/3/22	41,00			VS 70	VS 70	0,50	6,00	-	5,33	6,00			1,00	1,00	1,00				
Rua Manoel Vitorino	V5	P4	15/3/22	40,00			VS 400	VS VS	2,30	12,30	1,80	6,80	7,50			1,77	1,77	1,77				
Rua Atias F. da Silva	V5	P4	15/3/22	39,00			VS 250	VS 250	1,40	8,90	1,60	7,00	7,20			1,00	1,00	1,00				
Rua Edgar Bacelar Silva	V5	P4	15/3/22	38,00			LD 50	VS 70	0,60	4,70	0,60	6,50	7,00			1,00	1,00	1,00				
Travessa Teresópolis	V5	P4	15/3/22	37,00			LD 90	VS 250	2,30	7,20	4,00	6,80	6,60			1,77	1,77	1,77				
N/I	V5	P4	15/3/22	36,00			VS 70	VS 70	0,80	5,80	1,20	6,70	5,60			1,00	1,00	1,00				
2a Travessa Ayrton Senna	V5	P4	15/3/22	35,50			MV 250	MV 250	1,50	7,00	1,00	6,80	6,00			1,77	1,77	1,77				
Rua Severino Vieira	V4	P4	15/3/22	35,50			MV 250	VS 250	2,60	7,00	3,50	7,00	7,30			1,77	1,77	1,77				
N/I	V5	P4	15/3/22	35,00			VS 70	VS 70	1,30	6,00	1,30	7,90	6,70			1,00	1,00	1,00				
Tv. Quatorze de Janeiro	V5	P4	15/3/22	35,00			VS 250	VS 250	1,50	9,00	1,50	7,00	7,00			1,77	1,77	1,77				
Rua Severino Viêira	V5	P4	15/3/22	35,00			MV 250	MV 250	2,00	11,00	1,80	7,10	6,50			1,77	1,77	1,77				
Rua Parque Imaculada Conceição (ou	V5><																					

Rua Manoel Vitorino	V2	P2	15/3/22	19,00			VS 150	VS 250	2,40	10,00	2,30	7,30	7,70			1,77	1,77	1,77		
Rua José H da Cunha	V5	P4	15/3/22	50,00	52,30		VS 250	VS 250	1,00	6,00	1,00	7,20	7,50	7,20		1,77	1,77	1,77	1,77	
Rua do Sae	V5	P4	15/3/22	38,00	51,00		MV 250	VS 250	0,90	5,00	2,50	7,10	7,40	6,50		1,00	1,00	1,00	1,00	
Rua Alagoinhas Velha	V5	P4	15/3/22	45,00	43,00		VS 250	VS 70	1,50	6,00	1,40	5,70	5,62	5,60		1,00	1,00	1,00	1,00	
Travessa Santa Maria	V5	P4	15/3/22	41,00			VS 70	VS 70	2,00	6,20	1,20	6,80	6,80			1,00	1,00	1,00		
N/I	V5	P4	15/3/22	40,50	41,00		LD 50	VS 70	-	4,00	-	7,00	6,20	6,20		1,00	1,00	1,00	1,00	
Tv Rio Branco	V5	P4	15/3/22	39,00	42,00		VS 70	VS 70	0,50	5,50	1,00	7,00	6,50	6,30		1,00	1,00	1,00	1,00	
Av. Rio Branco	V4	P4	15/3/22	37,20	42,00		LD 90	VS 250	2,50	7,50	1,50	7,24	7,55	6,90		2,50	2,50	2,50	2,50	
Terceira Travessa Rua Bahia	V5	P4	15/3/22	40,00	38,80		VS 250	MV 250	2,80	7,00	2,80	7,50	7,50	7,50		1,77	1,77	1,77	1,77	
Rua Pedro Cunha	V5	P4	15/3/22	41,00	37,00		MV 250	MV 250	2,00	6,00	2,00	7,00	7,50	7,70		1,77	1,77	1,77	1,77	
Praça Dionísio Evilásio	V3	P3	15/3/22	46,00	32,00		LD 90	MV 400	2,00	9,40	2,00	7,9	7,9	6,7		2,5	2,5	2,5	2,5	
Rua Heitor Fontoura	V5	P4	15/3/22	38,00	39,00		LD 50	MV 250	1,50	8,00	1,70	7,20	7,10	7,50		1,77	1,77	1,77	1,77	
Rua Mal Floriano Peixoto	V4	P4	15/3/22	42,00	35,00		VS 70	VS 70	-	5,00	-	7,50	7,50	7,00		1,00	1,00	1,00	1,00	
N/I	V5	P4	15/3/22	32,20	42,30		VS 150	MV 250	3,50	6,50	1,80	8,00	8,00	8,50		1,77	1,77	1,77	1,77	
Av Silva	V5	P4	15/3/22	40,00	32,30		VS 250	MV 250	3,50	7,00	1,50	7,20	8,40	7,00		1,77	1,77	1,77	1,77	
Rua Carlos Gomes	V2	P2	15/3/22	36,00	35,80		LD 90	VS 250	3,50	7,00	3,50	7,50	8,00	8,00		2,50	3,50	2,50	2,50	
Rua São Lourenço	V5	P4	15/3/22	33,00	37,00		VS 250	VS 70	2,00	6,50	2,50	7,20	7,50	7,20		1,77	1,77	1,77	1,77	
Rua Quatorze de Janeiro	V5	P4	15/3/22	35,00	35,00		VS 250	VS 70	-	6,70	1,50	7,90	7,20	6,80		1,77	1,77	1,77	1,77	
Rua Santa Teresinha	V4	P4	15/3/22	39,00	30,00		VS 70	VS 70	2,10	9,50	1,00	6,20	7,00	7,70		1,00	1,00	1,00	1,00	
N/I	V5	P4	15/3/22	30,00	35,00		VS 70	VS 70	-	2,10	-	6,00	6,80	6,59		1,00	1,00	1,00	1,00	
Rua Dois de Julho	V4	P4	15/3/22	31,00	31,50		VS 250	VS 250	1,40	6,50	1,50	7,50	6,60	6,90		1,77	1,77	1,77	1,77	
Rua Mal. Floriano Peixoto	V4	P4	15/3/22	28,40	33,00		VS 70	VS 70	-	3,50	-	6,80	5,30	7,00		1,00	1,00	1,00	1,00	
Praça Dionísio Evilásio	V3	P3	15/3/22	26,30	34,00		MV 400	MV 400	1,50	15,00	1,70	7,50	7,50	7,95		2,50	2,50	2,50	2,50	
3ª Travessa Leovigildo	V5	P4	15/3/22	31,00	27,00		VS 150	VS 70	1,30	7,00	1,70	7,00	7,00	6,60		1,77	1,77	1,77	1,77	
Rua Aurea Cravo	V5	P4	15/3/22	29,00	27,00		VS 70	VS 70	2,20	7,00	1,70	6,90	6,52	6,70		1,00	1,00	1,00	1,00	
Rua Santa Maria	V5	P4	15/3/22	11,50	30,00		VS 70	VS 70	1,20	6,00	1,00	7,00	7,00	7,00		1,00	1,00	1,00	1,77	
Rua São Francisco de Assis	V5	P4	16/3/22	45,50			VS 70	VS 70	-	5,00	-	7,00	7,00			1,00	1,00	1,00		
Rua Gilberto Freire	V5	P4	16/3/22	42,00			VS 70	VS 70	1,30	7,40	1,30	7,00	7,00			1,00	1,00	1,00		
N/I	V5	P4	16/3/22	40,30			VS 70	VS 70	1,90	6,10	2,20	6,80	7,00			1,00	1,00	1,00		
Rua Aristóteles Souza Dantas	V3	P3	16/3/22	40,00			VS 250	VS 250	2,00	7,80	1,60	6,30	7,80			1,77	1,77	1,77		
BA-504	V2	P2	16/3/22	39,00			MV 250	VS 250	3,00	10,00	1,00	8,50	8,50			2,50	2,50	2,50		
Av. Luís Viana	V4	P4	16/3/22	38,00			LD 90	VS 250	1,30	7,40	1,30	7,55	8,00			2,50	2,50	2,50		
Rua T	V5	P4	16/3/22	33,00			VS 250	VS 250	1,00	6,00	1,00	6,80	7,50			1,77	1,77	1,77		
Rua K	V5	P4	16/3/22	33,00			VS 70	VS 70	1,50	7,40	1,50	7,50	6,40			1,00	1,00	1,00		
N/I	V5	P4	16/3/22	31,00			VS 70	VS 250	3,00	4,50	-	7,50	6,00			1,00	1,00	1,00		
N/I	V5	P4	16/3/22	30,00			VS 70	VS 70	2,00	5,00	-	7,50	7,00			1,00	1,00	1,00		
Tv. Paulo Afonso	V5	P4	16/3/22	20,00			VS 250	VS 250	1,00	6,00	1,00	7,00	6,75			1,00	1,00	1,00		
N/I	V5	P4	16/3/22	53,00	49,00		VS 70	VS 70	-	5,00	0,60	6,30	6,50	6,50		1,00	1,00	1,00	1,00	
Rua Conselheiro Saráiva	V3	P3	16/3/22	42,00	47,00		MV 400	MV 400	-	6,70	1,80	8,15	7,90	7,80		2,50	2,50	2,50	2,50	
Rua São Mateus	V5	P4	16/3/22	42,00	43,00		MV 150	VS 70	1,80	8,00	2,00	7,65	7,70	7,80		1,77	1,77	1,77	1,77	
Rua Manoel Vitorino	V5	P4	16/3/22	40,00	41,00		VS 250	VS 250	2,50	7,00	2,50	6,50	6,50	5,50		1,77	1,77	1,77	1,77	
Rua Bahia	V4	P4	16/3/22	40,30			VS 70	MV 70	1,90	6,10	2,20	6,80	7,00			1,00	1,00	1,00		
Alameda das Águas	V5	P4	16/3/22	28,00	40,00	40,00	MV 250	MV 250	2,00	6,00	-	7,15	8,70	8,60	8,50	2,50	2,50	2,50	2,50	2,50
Rua B Principal	V5	P4	16/3/22	32,40	44,00		VS 70	VS 70	4,10	7,50	5,00	5,60	6,20	5,80		1,00	1,00	1,00	1,00	
Rua São Pedro	V5	P4	16/3/22	34,00	42,00		VS 70	VS 70	1,10	6,00	1,30	6,50	6,80	7,80		1,00	1,00	1,00	1,00	
N/I	V5	P4	16/3/22	36,80	36,20		VS 70	VS 70	2,00	6,00	2,00	7,50	7,00	7,50		1,77	1,77	1,77	1,77	
N/I	V5	P4	16/3/22	35,00	35,00		VS 150	MV 250	1,40	6,00	1,20	7,80	7,80	7,80		1,77	1,77	1,77	1,77	
N/I	V5	P4	16/3/22	34,00	35,00		VM 250	VM 250	2,00	5,00	1,80	7,00	7,20	7,50		1,77	1,77	1,77	1,77	
Rua Paulo Afonso	V5	P4	16/3/22	30,00	36,50		MV 250	MV 250	8,00	7,00	4,00	9,00	9,00	8,50		2,50	2,50	2,50	2,50	
N/I	V5	P4	16/3/22	35,00	31,00		VS 70	VS 70	1,00	8,00	1,20	7,50	7,20	6,20		1,00	1,00	1,00	1,00	
Rua Santo Antônio	V5	P4	16/3/22	32,80	31,60		VS 70	VS 70	1,00	7,10	1,00	7,50	7,70	7,50		1,77	1,77	1,77	1,77	
Tv. Dr. Dantas Bião	V4	P4	16/3/22	22,40	35,00		VM 400	MV 400	1,80	10,00	1,30	7,60	7,50	7,80		1,77	1,77	1,77	1,77	
Rua Baixa da Candela	V5	P4	16/3/22	27,60	28,20		VS 70	VS 70	1,00	5,00	2,00	7,40	7,20	7,20		1,77	1,77	1,00	1,77	
Rua Visconde do Rio Branco	V5	P4	16/3/22	27,80	27,70		VS 250	VS 250	2,00	5,00	-	7,40	6,90	6,90		1,77	1,77	1,77	1,77	
Rua Dr. Dantas Bião	V2	P2	16/3/22	34,50	18,50		LD 90	MV 400	3,00	12,00	2,00	7,80	7,00	6,70		2,50	2,50	2,50	2,50	
Rua Santa Bárbara	V5	P4	16/3/22	24,00	20,00		VS 70	VS 70	0,70	6,00	-	6,50	7,30	5,80		1,00	1,00	1,00	1,00	
N/I	V5	P4	16/3/22	24,80	18,00		VS 70	VS 70	0,80	4,00	1,20	7,50	7,50	7,20		1,00	1,00	1,00	1,00	
N/I	V5	P4	16/3/22	20,00	20,00		MV 250	VS 150	2,00	7,50	2,00	7,30	7,50	7,30		1,00	1,00	1,00	1,00	
Rua Dom Pedro II	V5	P4	16/3/22	16,00	16,00	16,00	MV 400	VS 400	2,50	8,00	2,30	6,50	6,50	6,90	6,90	1,77	1,77	1,77	1,77	1,77
Praça da Bandeira	V3	P3	16/3/22	11,20	16,30		LD 90	MV 400	2,40	12,70	-	8,00	7,00	7,00		2,50	2,50	2,50	2,50	
Av. Joseph Wagner	V2	P2	17/3/22	40,00			LD 90	VM 400	2,50	7,10	2,60	8,50	8,30			2,50	2,50	2,50		
Tv. João Dantas	V4	P4	17/3/22	32,00	44,90		LD 90	VS 250	9,20	5,70	1,00	8,00	8,80	8,00		2,50	1,77	2,50	2,50	
Rua COnselheiro Saraiva	V4	P4	17/3/22	35,00	34,60		LD 90	MV 250	2,50	12,00	1,30	8,00	7,90	7,20		2,50	2,50	2,50	2,50	
Rua Barão de Cotegipe	V5	P4	17/3/22	32,00	33,70		VS 250	VS 250	2,00	10,80	2,00	7,40	7,00	7,00		1,77	1,77	1,77	1,77	

ANEXO 4 – CLASSES DE ILUMINANCIA

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Milton Santos França	Centro	V2	P2
Avenida	Dantas Bião	Centro	V2	P2
Avenida	Elvira Costa Dórea	Centro	V2	P2
Avenida	Franco	Centro	V2	P2
Avenida	Lauro de Freitas	Centro	V2	P2
Avenida	Bittencourt	Centro	V2	P2
Avenida	Ayrton Senna	Alagoinhas Velha	V2	P2
Avenida	Dantas Bião	Alagoinhas Velha	V2	P2
Avenida	Ayrton Senna	Jambeiro	V2	P2
Avenida	Junqueira	Catu	V2	P2
Rua	Manoel Vitorino	Catu	V2	P2
Avenida	Paulo Afonso	Taizé	V2	P2
Avenida	Joseph Wagner	Jardim Petrolar	V2	P2
Rua	Mangalo	Mangalô	V2	P2
Rua	Carlos Gomes	Centro	V3	P3
Praça	Bandeira	Centro	V3	P3
Largo	Pracinha Dionísio e Evilásio	Centro	V3	P3
Avenida	24 de Maio	Centro	V3	P3
Avenida	Aristóteles de Souza Dantas	Santa Isabel	V3	P3
Avenida	Saraiva	Centro	V4	P3
Rua	Djalma de Moraes	Centro	V4	P4
Praça	Mário Laerte Moreira	Centro	V4	P4
Rua	13 de Junho	Centro	V4	P4
Rua	21 de Abril	Centro	V4	P4
Rua	7 de Setembro	Centro	V4	P4
Avenida	José Bonifácio	Centro	V4	P4
Rua	Cotegipe	Centro	V4	P4
Rua	Rio Branco	Centro	V4	P4
Rua	Alex Alencar	Centro	V4	P4
Rua	Milton José Ornelas da Silva	Centro	V4	P4
Avenida	2 de Julho	Centro	V4	P4
Avenida	Lourival Batista	Centro	V4	P4
Rua	Vieira	Centro	V4	P4
Avenida	Severino Vieira	Centro	V4	P4
Avenida	Severino Vieira	Severino Vieira	V4	P4
Avenida	2 de Julho	Severino Vieira	V4	P4
Avenida	Filadélio Neves	Severino Vieira	V4	P4
Rua	Milton Ribeiro da Silva	Santa Isabel	V4	P4
Avenida	15 de Novembro	Santa Isabel	V4	P4
Avenida	2 de Julho	Santa Isabel	V4	P4
Avenida	2 de Julho	2 de Julho	V4	P4
Rua	21 de Abril	Parque Verde	V4	P4
Rua	13 de Junho	Parque Verde	V4	P4
Avenida	Severino Vieira	Parque Verde	V4	P4
Rua	13 de Junho	Juracy Magalhães	V4	P4
Avenida	Severino Vieira	Juracy Magalhães	V4	P4
Avenida	Bahia	Jardim Petrolar	V4	P4
Avenida	Filadélio Neves	Pinto Aguiar	V4	P4
Avenida	2 de Julho	Pinto Aguiar	V4	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Djalma de Moraes	Alagoinhas Velha	V4	P4
Rua	Djalma de Moraes	Praça Kennedy	V4	P4
Rua	Cotegipe	Praça Kennedy	V4	P4
Avenida	Floriano Peixoto	Santa Terezinha	V4	P4
Rua	Cotegipe	Santa Terezinha	V4	P4
Rua	Terezinha	Santa Terezinha	V4	P4
Rua	Bento	Santa Terezinha	V4	P4
Avenida	Floriano Peixoto	Catu	V4	P4
Avenida	Floriano Peixoto	São Lucas	V4	P4
Avenida	Floriano Peixoto	Serra do Ouro	V4	P4
Rua	Quintino Bocaiúva	Terezópolis	V4	P4
Rua	Avelar Brandão Vilela	Terezópolis	V4	P4
Rua	Avelar Brandão Vilela	Santo Antônio	V4	P4
Rua	Quintino Bocaiúva	Silva Jardim	V4	P4
Avenida	Antônio Valverde Bastos	Silva Jardim	V4	P4
Rua	Quintino Bocaiúva	Barreiro	V4	P4
Rua	Avelar Brandão Vilela	Barreiro	V4	P4
Avenida	Antônio Valverde Bastos	Barreiro	V4	P4
Rua	13 de Junho	Alagoinhas Velha	V4	P4
Rua	Godinho	Santa Terezinha	V4	P4
Travessa	Godinho	Santa Terezinha	V4	P4
Loteamento	Terezinha	Santa Terezinha	V4	P4
Avenida	15 de Novembro	Santa Isabel	V4	P4
Rua	Avelar Brandão Vilela	Teresópolis	V4	P4
Rua	Quintino Bocaiúva	Centro	V4	P4
Rua	Júlio do Carmo	Centro	V5	P4
Rua	Honorato Viana	Centro	V5	P4
Rua	Albertino Espinheira	Centro	V5	P4
Travessa	Eugênio Chagas	Centro	V5	P4
Avenida	Marcelo Morati Pereira	Centro	V5	P4
Travessa	Hermínio Teodoro Nunes	Centro	V5	P4
Rua	Maria Freijó	Centro	V5	P4
Rua	Walter Campos	Centro	V5	P4
Rua	Marcos José da Silva Bastos	Centro	V5	P4
Rua	Carlos Anibal Dantas	Centro	V5	P4
Rua	Aleísa Garcia	Centro	V5	P4
Rua	Gilberto Teixeira de Araújo	Centro	V5	P4
Rua	Rosa de Lima Silva	Centro	V5	P4
Rua	Sólon José Dórea	Centro	V5	P4
Rua	Carlos de Souza Cunha	Centro	V5	P4
Rua	Ronaldo da Silva Rocha	Centro	V5	P4
Rua	José Galdino Maia	Centro	V5	P4
Rua	Julinda Capinam Vieira	Centro	V5	P4
Rua	Germínia Andrade	Centro	V5	P4
Rua	Marcella Boiron Cardoso	Centro	V5	P4
Travessa	Carlos Benjamin de Ribeiro	Centro	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Lúcio Bento Cardoso	Centro	V5	P4
Rua	Brasilino Veiga	Centro	V5	P4
Avenida	Juracy Magalhães	Centro	V5	P4
Rua	Deocleciano Barbosa	Centro	V5	P4
Rua	Joel de Carvalho	Centro	V5	P4
Avenida	Deodoro	Centro	V5	P4
Rua	José Olímpio	Centro	V5	P4
Travessa	Maria de Lourdes Veloso	Centro	V5	P4
Avenida	Couto	Centro	V5	P4
Rua	José Costa Filho	Centro	V5	P4
Praça	Castro Leal	Centro	V5	P4
Rua	Pedro Pondé	Centro	V5	P4
Rua	Getúlio Cândido	Centro	V5	P4
Rua	Joana Angélica	Centro	V5	P4
Calçada	Pedro I	Centro	V5	P4
Calçada	Anísio Cardoso	Centro	V5	P4
Praça	JJ Seabra	Centro	V5	P4
Avenida	Moura	Centro	V5	P4
Praça	Ruy Barbosa	Centro	V5	P4
Rua	Benjamin Constant	Centro	V5	P4
Praça	Kennedy	Centro	V5	P4
Largo	Independência	Centro	V5	P4
Rua	João de Castro	Centro	V5	P4
Travessa	Martuscelli	Centro	V5	P4
Avenida	Rodrigues Lima	Centro	V5	P4
Rua	São Lourenço	Centro	V5	P4
Avenida	Pedro II	Centro	V5	P4
Rua	Francisco Batista	Centro	V5	P4
Rua	José Antônio	Centro	V5	P4
Rua	Alcindo Camargo	Centro	V5	P4
Avenida	João Dantas	Centro	V5	P4
Travessa	Abelino Almeida	Centro	V5	P4
Travessa	Carroceiros	Centro	V5	P4
Travessa	Funileiros	Centro	V5	P4
Rua	Mário dos Santos	Centro	V5	P4
Travessa	Nélson Martins	Centro	V5	P4
Rua	Madeireiros	Centro	V5	P4
Rua	Renato Costa Vieira	Centro	V5	P4
Travessa	Maquinistas	Centro	V5	P4
Rua	Ferrovários	Centro	V5	P4
Rua	Edvaldo Correia	Centro	V5	P4
Rua	Leste	Centro	V5	P4
Praça	Graciliano de Freitas	Centro	V5	P4
Avenida	Moreira Rêgo	Centro	V5	P4
Praça	Alfredo	Centro	V5	P4
Rua	Pedro Celestino Bastos	Centro	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	13 de Maio	Centro	V5	P4
Calçada	Aymoré Fiscira	Centro	V5	P4
Rua	Centro de Abastecimento	Centro	V5	P4
Praça	Rio Branco	Centro	V5	P4
Praça	Victor Meyer	Centro	V5	P4
Rua	Carlos Azevêdo	Centro	V5	P4
Travessa	Kelsa Galvão	Centro	V5	P4
Rua	Amilton Couto	Centro	V5	P4
Praça	Aristides Maltez	Centro	V5	P4
Rua	Carlos Rosa da Silva	Centro	V5	P4
Praça	Heitor Fontoura	Centro	V5	P4
Rua	Elisário de Faro Teles	Centro	V5	P4
Avenida	Luís Viana	Centro	V5	P4
Rua	Pedro Dantas	Centro	V5	P4
Avenida	Juracy Magalhães	Severino Vieira	V5	P4
Rua	Cecília	Severino Vieira	V5	P4
Praça	Bernadete Carneiro	Severino Vieira	V5	P4
Rua	Joaquim Nogueira	Severino Vieira	V5	P4
Avenida	Luís Viana	Severino Vieira	V5	P4
Rua	Humberto Robatto	Severino Vieira	V5	P4
Rua	Aderivaldo Gabriel Júnior	Severino Vieira	V5	P4
Rua	Maria Meyer Robatto	Severino Vieira	V5	P4
Rua	Diomedes Robatto	Severino Vieira	V5	P4
Rua	Ernesto Coelho	Severino Vieira	V5	P4
Rua	Maurício Pereira Teles	Severino Vieira	V5	P4
Vila	Esperança	Severino Vieira	V5	P4
Travessa	Cortez	Severino Vieira	V5	P4
Rua	Marcos Moraes Lima	Severino Vieira	V5	P4
Rua	Elizeu Elias do Nascimento	Severino Vieira	V5	P4
Travessa	Odete Ventura	Severino Vieira	V5	P4
Vila	Conceição	Severino Vieira	V5	P4
Praça	Rio Branco	Santa Isabel	V5	P4
Rua	José Leite	Santa Isabel	V5	P4
Rua	João Amorim	Santa Isabel	V5	P4
Travessa	João Cardoso	Santa Isabel	V5	P4
Rua	Joaquim Baptista	Santa Isabel	V5	P4
Travessa	João Ramos	Santa Isabel	V5	P4
Rua	Castro Alves	Santa Isabel	V5	P4
Travessa	Aurelino Freitas	Santa Isabel	V5	P4
Rua	Benício Macedo	Santa Isabel	V5	P4
Avenida	14 de Janeiro	Santa Isabel	V5	P4
Rua	Mathias Ferreira da Silva	Santa Isabel	V5	P4
Rua	Fátima	Santa Isabel	V5	P4
Rua	Leandro Borges Severo	Santa Isabel	V5	P4
Rua	Otilia Maria da Conceição	Santa Isabel	V5	P4
Rua	Secino França Souza	Santa Isabel	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Praça	Enéas de Santana	Santa Isabel	V5	P4
Rua	Vitor Nascimento Neto	Santa Isabel	V5	P4
Travessa	Pedro Figueredo	Santa Isabel	V5	P4
Rua	Otoniel Lira Gomes	Santa Isabel	V5	P4
Rua	Graça Ornelas	Santa Isabel	V5	P4
Rua	Alto Santo Antônio	Santa Isabel	V5	P4
Rua	Laranjeira	Santa Isabel	V5	P4
Rua	1º de Janeiro	Santa Isabel	V5	P4
Travessa	Walter Ramos	Santa Isabel	V5	P4
Rua	Ladislau de Azevedo Cavalcante	Santa Isabel	V5	P4
Praça	Zilda Arns	Santa Isabel	V5	P4
Praça	Ozelina Costa	Santa Isabel	V5	P4
Rua	Apolônio Pita	Santa Isabel	V5	P4
Rua	Edíria Campos	Santa Isabel	V5	P4
Via	42 de Ligação na Rua Edira Campos	Santa Isabel	V5	P4
Escadaria	41 de Acesso na Praça Profª Ozelina Costa	Santa Isabel	V5	P4
Escadaria	43 de Acesso na Rua Baixa do Corte	Santa Isabel	V5	P4
Rua	Celene Pope dos Santos	Santa Isabel	V5	P4
Rua	Astrogildo de Santana Carvalho	Santa Isabel	V5	P4
Rua	Alto do Céu	Santa Isabel	V5	P4
Rua	Alto da Pedra	Santa Isabel	V5	P4
Travessa	Sampaio	Santa Isabel	V5	P4
Rua	Alto do Corte	Santa Isabel	V5	P4
Rua	Rogaciano Guedes Vasconcelos	Santa Isabel	V5	P4
Praça	Isabel	Santa Isabel	V5	P4
Travessa	Auza Ribeiro Silva	Santa Isabel	V5	P4
Rua	Luís Urgebauer	Santa Isabel	V5	P4
Rua	Maria Isabel Atahide	Santa Isabel	V5	P4
Rua	Luzia	Santa Isabel	V5	P4
Escadaria	44 de Acesso na Rua Baixa do Corte	Santa Isabel	V5	P4
Avenida	Baixa do Corte	Santa Isabel	V5	P4
Travessa	União	Santa Isabel	V5	P4
Escadaria	45 de Acesso na Travessa União	Santa Isabel	V5	P4
Travessa	Nair Barreto	Santa Isabel	V5	P4
Escadaria	46 de Acesso na Avenida 15 de Novembro	Santa Isabel	V5	P4
Travessa	12 de Outubro	Santa Isabel	V5	P4
Travessa	Imperador	Santa Isabel	V5	P4
Rua	Hermenegildo Gomes Rabelo	Santa Isabel	V5	P4
Rua	Laurentino Fernandes da Silva	Santa Isabel	V5	P4
Rua	Maria de Fátima Vilhena de Souza	Santa Isabel	V5	P4
Rua	Antônio de Oliveira Reis	Santa Isabel	V5	P4
Avenida	José Marinho Pereira	Santa Isabel	V5	P4
Rua	Josenita Dantas Pereira	Santa Isabel	V5	P4
Rua	Antônio Neves	Santa Isabel	V5	P4
Rua	Hortência Lins	Santa Isabel	V5	P4
Rua	Sobocó	Santa Isabel	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Sobocó	2 de Julho	V5	P4
Rua	Alto Santo Antônio	2 de Julho	V5	P4
Rua	Antônio José Ferreira dos Santos	2 de Julho	V5	P4
Rua	Zé Mingo	2 de Julho	V5	P4
Rua	José Alves dos Santos	2 de Julho	V5	P4
Rua	Domingos Praxades de Brito	2 de Julho	V5	P4
Rua	Darcy Carvalho	2 de Julho	V5	P4
Rua	Rio Seco	2 de Julho	V5	P4
Rua	Rio da Prata	2 de Julho	V5	P4
Rua	Lídia dos Santos	2 de Julho	V5	P4
Travessa	Carmelita Bispo	2 de Julho	V5	P4
Rua	Jardim São Francisco	2 de Julho	V5	P4
Rua	Vítor Nascimento Neto	2 de Julho	V5	P4
Praça	Enéas de Santana	2 de Julho	V5	P4
Rua	Maria Raimunda Santos Gonçalves	2 de Julho	V5	P4
Rua	Otília Maria da Conceição	2 de Julho	V5	P4
Rua	Arlete Viana	2 de Julho	V5	P4
Travessa	Almiro Abade de Souza	2 de Julho	V5	P4
Praça	Maria José Bispo dos Santos - Dona Pequena	2 de Julho	V5	P4
Rua	Rio Aramari	2 de Julho	V5	P4
Rua	Álvaro Dantas	2 de Julho	V5	P4
Rua	Helena da Silva	2 de Julho	V5	P4
Praça	Brasilinha	2 de Julho	V5	P4
Rua	Maria Brito dos Anjos	2 de Julho	V5	P4
Rua	Claudionor Crispiniano de Souza	2 de Julho	V5	P4
Rua	Lita Santana	2 de Julho	V5	P4
Rua	José Dimas	2 de Julho	V5	P4
Rua	Vilma de Oliveira	2 de Julho	V5	P4
Rua	Coríntios	2 de Julho	V5	P4
Rua	Campo Verde	2 de Julho	V5	P4
Rua	Trem das Onze	2 de Julho	V5	P4
Rua	Expedito	2 de Julho	V5	P4
Travessa	Consolação	2 de Julho	V5	P4
Rua	Dores	2 de Julho	V5	P4
Rua	Djalma Pereira dos Reis	2 de Julho	V5	P4
Travessa	Jesus de Nazaré	2 de Julho	V5	P4
Rua	Marlene Farias Nascimento	2 de Julho	V5	P4
Rua	Babilônia	2 de Julho	V5	P4
Rua	Judéia	2 de Julho	V5	P4
Travessa	Palestina	2 de Julho	V5	P4
Rua	Pérsia	2 de Julho	V5	P4
Travessa	Jericó	2 de Julho	V5	P4
Rua	Umbuzeiro	2 de Julho	V5	P4
Travessa	Maracujazeiro	2 de Julho	V5	P4
Travessa	Goiabeira	2 de Julho	V5	P4
Rua	Mangabeira	2 de Julho	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Alto do Areal	2 de Julho	V5	P4
Rua	Águia de Ouro	2 de Julho	V5	P4
Rua	Gavião	2 de Julho	V5	P4
Rua	Cosme Xavier de Araújo	2 de Julho	V5	P4
Rua	Laranjão	2 de Julho	V5	P4
Rodovia	Mário Covas	2 de Julho	V5	P4
Avenida	Industrial	Distrito Industrial I	V5	P4
Avenida	Empresarial	Distrito Industrial I	V5	P4
Avenida	Industriários	Distrito Industrial I	V5	P4
Rua	Operários	Distrito Industrial I	V5	P4
Rodovia	Mário Covas	Distrito Industrial I	V5	P4
Rua	Petrópolis	Distrito Industrial I	V5	P4
Avenida	Aristóteles de Souza Dantas	Mangalô	V5	P4
Travessa	Tomás de Cantuária Freitas	Mangalô	V5	P4
Travessa	Artur das Virgens	Mangalô	V5	P4
Avenida	Baixa do Corte	Mangalô	V5	P4
Avenida	Águas de Viver	Mangalô	V5	P4
Rua	Augusta	Mangalô	V5	P4
Rua	Efigênia	Mangalô	V5	P4
Rua	Oscar Freire	Mangalô	V5	P4
Rua	Baixa dos Sapateiros	Mangalô	V5	P4
Rua	Sales Barbosa	Mangalô	V5	P4
Rua	Pituba	Mangalô	V5	P4
Rua	Pernambué	Mangalô	V5	P4
Rua	Brotas	Mangalô	V5	P4
Rua	Bonfim	Mangalô	V5	P4
Rua	Cabula	Mangalô	V5	P4
Rua	Itaigara	Mangalô	V5	P4
Rua	Liberdade	Mangalô	V5	P4
Rua	Itapoan	Mangalô	V5	P4
Rua	Ondina	Mangalô	V5	P4
Rua	Patamares	Mangalô	V5	P4
Rua	Iguatemi	Mangalô	V5	P4
Rua	Ribeira	Mangalô	V5	P4
Rua	Pirajá	Mangalô	V5	P4
Rua	Amaralina	Mangalô	V5	P4
Rua	Daniel Pereira	Mangalô	V5	P4
Rua	Machado de Assis	Mangalô	V5	P4
Travessa	Euclides da Cunha	Mangalô	V5	P4
Via	52 de Ligação	Mangalô	V5	P4
Avenida	João Bispo	Mangalô	V5	P4
Travessa	Dias Gomes	Mangalô	V5	P4
Travessa	Cecília Meireles	Mangalô	V5	P4
Rua	Raquel de Queiroz	Mangalô	V5	P4
Rua	Darcy Ribeiro	Mangalô	V5	P4
Rua	Cora Coralina	Mangalô	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Paulo Freire	Mangalô	V5	P4
Rua	47 de Ligação	Mangalô	V5	P4
Rua	48 de Ligação	Mangalô	V5	P4
Rua	49 de Ligação	Mangalô	V5	P4
Via	50 de Ligação	Mangalô	V5	P4
Via	51 de Ligação	Mangalô	V5	P4
Vila	64 de Ligação	Mangalô	V5	P4
Avenida	Maria Antonieta	Mangalô	V5	P4
Via	56 de Ligação	Mangalô	V5	P4
Via	57 de Ligação	Mangalô	V5	P4
Via	55 de Ligação	Mangalô	V5	P4
Via	53 de Ligação	Mangalô	V5	P4
Rua	Guimarães Rosa	Mangalô	V5	P4
Via	54 de Ligação	Mangalô	V5	P4
Travessa	Carlos Drummond de Andrade	Mangalô	V5	P4
Avenida	Luís Rodrigues	Mangalô	V5	P4
Via	59 de Ligação	Mangalô	V5	P4
Via	58 de Ligação	Mangalô	V5	P4
Rua	Maria José de Cerqueira	Mangalô	V5	P4
Vila	60 de Ligação	Mangalô	V5	P4
Vila	62 de Ligação	Mangalô	V5	P4
Vila	61 de Ligação	Mangalô	V5	P4
Vila	63 de Ligação	Mangalô	V5	P4
Rua	Mário Quintana	Mangalô	V5	P4
Rua	João Ubaldo Ribeiro	Mangalô	V5	P4
Travessa	Clarice Lispector	Mangalô	V5	P4
Rua	Nélson Rodrigues	Mangalô	V5	P4
Vila	65 de Ligação	Mangalô	V5	P4
Vila	66 de Ligação	Mangalô	V5	P4
Rua	João Cabral de Melo	Mangalô	V5	P4
Vila	67 de Ligação	Mangalô	V5	P4
Rua	José de Alencar	Mangalô	V5	P4
Rua	Josafá do Monte	Mangalô	V5	P4
Travessa	Aloísio de Abreu	Mangalô	V5	P4
Travessa	Casimiro de Abreu	Mangalô	V5	P4
Rua	Josué Montello	Mangalô	V5	P4
Rua	Abaré	Mangalô	V5	P4
Rua	Gilberto Freyre	Mangalô	V5	P4
Travessa	José Lins do Rêgo	Mangalô	V5	P4
Rua	Manuel Bandeira	Mangalô	V5	P4
Rua	Érico Veríssimo	Mangalô	V5	P4
Travessa	Euclides de Araújo	Mangalô	V5	P4
Rua	Ferreira Sales	Mangalô	V5	P4
Rua	Petrópolis	Mangalô	V5	P4
Rua	Marabá	Mangalô	V5	P4
Rua	Cosme de Farias	Mangalô	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Rondon	Mangalô	V5	P4
Rua	Daniel Oliveira Santos	Mangalô	V5	P4
Rua	João dos Reis Viera Lopes	Mangalô	V5	P4
Rua	Romualdo Pessoa Campos	Mangalô	V5	P4
Travessa	Júlia Dias da Silva	Mangalô	V5	P4
Rua	Lupicínio Rodrigues	Mangalô	V5	P4
Rua	Grande Otelô	Mangalô	V5	P4
Rua	23 de Abril	Mangalô	V5	P4
Rua	Flávio Valadares	Mangalô	V5	P4
Travessa	Wilma Medeiros	Mangalô	V5	P4
Rua	Hermano Jacob	Mangalô	V5	P4
Rua	Linaldo Rabelo	Mangalô	V5	P4
Travessa	José Santos Ferreira	Mangalô	V5	P4
Rua	Luciano Freira	Mangalô	V5	P4
Rua	Fernando Barroso Bastos	Mangalô	V5	P4
Rua	Josefa Leal Araújo	Mangalô	V5	P4
Travessa	Bebel de Jesus	Mangalô	V5	P4
Travessa	Nilza Souza Costa	Mangalô	V5	P4
Rua	José Muniz Ferreira	Mangalô	V5	P4
Rua	Elísio Palmeira de Cerqueira	Mangalô	V5	P4
Rua	José Paranhos de Azevedo	Mangalô	V5	P4
Travessa	Gildásio Maia	Mangalô	V5	P4
Travessa	Celestino Francisco dos Santos	Mangalô	V5	P4
Rua	Raimundo Carvalho	Mangalô	V5	P4
Rua	Araguaia	Mangalô	V5	P4
Travessa	Caio Mota	Mangalô	V5	P4
Avenida	Luís	Mangalô	V5	P4
Travessa	Marisol	Mangalô	V5	P4
Travessa	Itaju	Mangalô	V5	P4
Travessa	Xingó	Mangalô	V5	P4
Avenida	Luís	Alto Sagrado Coração de Jesus	V5	P4
Rua	Carajás	Alto Sagrado Coração de Jesus	V5	P4
Rua	João Clima de Oliveira	Alto Sagrado Coração de Jesus	V5	P4
Rua	Parati	Alto Sagrado Coração de Jesus	V5	P4
Rua	Cabo Frio	Alto Sagrado Coração de Jesus	V5	P4
Rua	Joinville	Alto Sagrado Coração de Jesus	V5	P4
Rua	Lençóis	Alto Sagrado Coração de Jesus	V5	P4
Rua	Blumenau	Alto Sagrado Coração de Jesus	V5	P4
Rua	Angra dos Reis	Alto Sagrado Coração de Jesus	V5	P4
Rua	Búzios	Alto Sagrado Coração de Jesus	V5	P4
Avenida	Guarapari	Alto Sagrado Coração de Jesus	V5	P4
Rua	Águas de Lindóia	Alto Sagrado Coração de Jesus	V5	P4
Rua	Holambra	Alto Sagrado Coração de Jesus	V5	P4
Rua	Gramado	Alto Sagrado Coração de Jesus	V5	P4
Rua	Foz do Iguaçu	Alto Sagrado Coração de Jesus	V5	P4
Rua	Caldas de Cipó	Alto Sagrado Coração de Jesus	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Poços de Caldas	Alto Sagrado Coração de Jesus	V5	P4
Rua	Caldas do Jorro	Alto Sagrado Coração de Jesus	V5	P4
Rua	Niterói	Alto Sagrado Coração de Jesus	V5	P4
Rua	Terra Prometida	Alto Sagrado Coração de Jesus	V5	P4
Rua	Esperança Viva	Alto Sagrado Coração de Jesus	V5	P4
Rua	Ângela Nascimento	Alto Sagrado Coração de Jesus	V5	P4
Rua	Missão sem Fronteiras	Alto Sagrado Coração de Jesus	V5	P4
Rua	Nova Visão	Alto Sagrado Coração de Jesus	V5	P4
Rua	Galiléia	Alto Sagrado Coração de Jesus	V5	P4
Travessa	Monte Tabor	Alto Sagrado Coração de Jesus	V5	P4
Travessa	Monte Sinai	Alto Sagrado Coração de Jesus	V5	P4
Avenida	Sagrado Coração de Jesus	Alto Sagrado Coração de Jesus	V5	P4
Rua	Jaime de Souza Santos	Alto Sagrado Coração de Jesus	V5	P4
Rua	Tomé de Souza	Alto Sagrado Coração de Jesus	V5	P4
Rua	Amor Leal	Alto Sagrado Coração de Jesus	V5	P4
Rua	Geraldo Ferreira	Alto Sagrado Coração de Jesus	V5	P4
Rua	Ajuda	Alto Sagrado Coração de Jesus	V5	P4
Travessa	Altar Sagrado	Alto Sagrado Coração de Jesus	V5	P4
Rua	Silva	Alto Sagrado Coração de Jesus	V5	P4
Travessa	Samaria	Alto Sagrado Coração de Jesus	V5	P4
Travessa	José Nery	Alto Sagrado Coração de Jesus	V5	P4
Rua	Passos	Alto Sagrado Coração de Jesus	V5	P4
Rua	José Augusto Azevedo	Alto Sagrado Coração de Jesus	V5	P4
Rua	Vaso de Honra	Alto Sagrado Coração de Jesus	V5	P4
Rua	Providência	Alto Sagrado Coração de Jesus	V5	P4
Rua	Reconciliação	Alto Sagrado Coração de Jesus	V5	P4
Rua	Restauração	Alto Sagrado Coração de Jesus	V5	P4
Rua	José Honorato	Alto Sagrado Coração de Jesus	V5	P4
Rua	Antônio Telles	Alto Sagrado Coração de Jesus	V5	P4
Rua	Artur Augusto de Oliveira	Alto Sagrado Coração de Jesus	V5	P4
Avenida	Luís	Distrito Florestal	V5	P4
Rua	Rondon	Distrito Florestal	V5	P4
Rua	Ferreira Sales	Distrito Florestal	V5	P4
Rua	Petrópolis	Distrito Florestal	V5	P4
Rodovia	Mário Covas	Distrito Florestal	V5	P4
Rua	Ana Rosa da Silva	Parque Verde	V5	P4
Rua	Crisanto Borges	Parque Verde	V5	P4
Rua	Luís Carlos Almeida Rabelo	Parque Verde	V5	P4
Rua	Gregório de Mattos	Parque Verde	V5	P4
Rua	Milton Costa	Parque Verde	V5	P4
Rua	Luís Navarro de Brito	Parque Verde	V5	P4
Rua	Nair Farias de Oliveira	Parque Verde	V5	P4
Rua	André Luís Conceição	Parque Verde	V5	P4
Rua	Norma Carvalho	Parque Verde	V5	P4
Rua	José Mutti	Parque Verde	V5	P4
Rua	Dilermando Reis	Parque Verde	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Antônio Rezende	Parque Verde	V5	P4
Travessa	Edson Oliveira	Parque Verde	V5	P4
Travessa	Adalberto Macedo	Parque Verde	V5	P4
Largo	João Dourado Cerqueira Bião	Parque Verde	V5	P4
Rua	Flávio Jarbas	Parque Verde	V5	P4
Rua	Margarida Vergasta	Parque Verde	V5	P4
Rua	Inaldo Marques da Silva	Parque Verde	V5	P4
Rua	Lourival de Andrade	Parque Verde	V5	P4
Rua	Álvaro Ernesto de Figueredo	Parque Verde	V5	P4
Praça	Fidélío de Habaiana	Parque Verde	V5	P4
Via	1 de Ligação	Parque Verde	V5	P4
Via	2 de Ligação	Parque Verde	V5	P4
Rua	José Oscar Farias	Parque Verde	V5	P4
Via	3 de Ligação	Parque Verde	V5	P4
Via	4 de Ligação	Parque Verde	V5	P4
Rua	Edmundo Valério	Parque Verde	V5	P4
Via	5 de Ligação	Parque Verde	V5	P4
Rua	Heitor de Souza Dantas	Parque Verde	V5	P4
Rua	José Almeida Moltinho	Parque Verde	V5	P4
Rua	15 Irmãos	Parque Verde	V5	P4
Rua	Raimundo Barreto dos Santos	Parque Verde	V5	P4
Rua	Zelita Leal	Parque Verde	V5	P4
Rua	Arlinda Robato Campos	Parque Verde	V5	P4
Rua	Mário César Almeida Pedreira	Parque Verde	V5	P4
Rua	Irênio da Siva Ribeiro	Parque Verde	V5	P4
Travessa	Brasiliana Borges da França	Parque Verde	V5	P4
Travessa	Valverde	Parque Verde	V5	P4
Travessa	Oliveira Santos	Parque Verde	V5	P4
Largo	Daniella Perez	Juracy Magalhães	V5	P4
Travessa	Zeze Macedo	Juracy Magalhães	V5	P4
Travessa	Wilza Carla	Juracy Magalhães	V5	P4
Rua	Almiro de Jesus	Juracy Magalhães	V5	P4
Travessa	Virgínia Lane	Juracy Magalhães	V5	P4
Travessa	Dina Sfat	Juracy Magalhães	V5	P4
Travessa	Maria Della Costa	Juracy Magalhães	V5	P4
Rua	Leila Diniz	Juracy Magalhães	V5	P4
Travessa	Carmen Costa	Juracy Magalhães	V5	P4
Largo	Maysa	Juracy Magalhães	V5	P4
Rua	Chiquinha Gonzaga	Juracy Magalhães	V5	P4
Largo	Clementina de Jesus	Juracy Magalhães	V5	P4
Travessa	Nair Belo	Juracy Magalhães	V5	P4
Largo	Cacilda Becker	Juracy Magalhães	V5	P4
Travessa	Cássia Eller	Juracy Magalhães	V5	P4
Travessa	Dercy Gonçalves	Juracy Magalhães	V5	P4
Travessa	Eva Todor	Juracy Magalhães	V5	P4
Rua	Nova Esperança	Juracy Magalhães	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Largo	Nara Leão	Juracy Magalhães	V5	P4
Travessa	Norma Bengell	Juracy Magalhães	V5	P4
Rua	Simplício da Silva Santos	Juracy Magalhães	V5	P4
Travessa	Lídia Brondi	Juracy Magalhães	V5	P4
Travessa	Emilinha Borba	Juracy Magalhães	V5	P4
Travessa	Linda Batista	Juracy Magalhães	V5	P4
Travessa	Araci de Almeida	Juracy Magalhães	V5	P4
Rua	Valdomira Lima dos Santos	Juracy Magalhães	V5	P4
Rua	Ignácio Paulo Santos	Juracy Magalhães	V5	P4
Rua	Seringueiras	Juracy Magalhães	V5	P4
Rua	Novo Planeta	Juracy Magalhães	V5	P4
Rua	Jacarandás	Juracy Magalhães	V5	P4
Rua	Graviolas	Juracy Magalhães	V5	P4
Rua	Mangueiras	Juracy Magalhães	V5	P4
Rua	Cerejeiras	Juracy Magalhães	V5	P4
Rua	Altina Leste Leite	Juracy Magalhães	V5	P4
Travessa	Figueira	Juracy Magalhães	V5	P4
Rua	Jatobás	Juracy Magalhães	V5	P4
Rua	Maurício Pereira Teles	Juracy Magalhães	V5	P4
Rua	José Cerqueira Campos	Juracy Magalhães	V5	P4
Rua	Domingos Antônio Serra Valle	Juracy Magalhães	V5	P4
Travessa	Cristiano Carvalho dos Santos	Juracy Magalhães	V5	P4
Travessa	Clarindo Franco	Juracy Magalhães	V5	P4
Avenida	Juracy Magalhães	Juracy Magalhães	V5	P4
Avenida	Juracy Magalhães	Jardim Petrolar	V5	P4
Travessa	2 Irmãos	Jardim Petrolar	V5	P4
Rua	Novo Planeta	Jardim Petrolar	V5	P4
Rua	Nova Esperança	Jardim Petrolar	V5	P4
Rua	Almiro de Jesus	Jardim Petrolar	V5	P4
Rua	13 de Junho	Jardim Petrolar	V5	P4
Rua	Martins dos Samos	Jardim Petrolar	V5	P4
Rua	Domingos Ramos	Jardim Petrolar	V5	P4
Travessa	João Carneiro	Jardim Petrolar	V5	P4
Travessa	Pedro Alcântara	Jardim Petrolar	V5	P4
Avenida	Democratas	Jardim Petrolar	V5	P4
Rua	Antônio João dos Reis - Bossa Nova	Jardim Petrolar	V5	P4
Rua	José	Jardim Petrolar	V5	P4
Praça	Rosa Morena	Jardim Petrolar	V5	P4
Rua	Carybé	Jardim Petrolar	V5	P4
Travessa	Acalanto	Jardim Petrolar	V5	P4
Rua	Dorival Caymmi	Jardim Petrolar	V5	P4
Rua	Humberto Máximo dos Santos	Jardim Petrolar	V5	P4
Avenida	Santos Dumond	Jardim Petrolar	V5	P4
Rua	Turmalina	Jardim Petrolar	V5	P4
Travessa	Diego	Jardim Petrolar	V5	P4
Rua	Vinícius de Moraes	Jardim Petrolar	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Avenida	Francisco de Assis	Jardim Petrolar	V5	P4
Rua	Holandesa	Jardim Petrolar	V5	P4
Travessa	Susa	Jardim Petrolar	V5	P4
Rua	Fernando Dantas	Jardim Petrolar	V5	P4
Travessa	Cândido dos Santos	Jardim Petrolar	V5	P4
Travessa	José Pereira	Jardim Petrolar	V5	P4
Rua	Caxias	Jardim Petrolar	V5	P4
Rua	Virgílio Oliveira Costa	Jardim Petrolar	V5	P4
Avenida	Bárbara	Jardim Petrolar	V5	P4
Rua	Jorge Amado	Jardim Petrolar	V5	P4
Travessa	Maria Rita Lopes	Jardim Petrolar	V5	P4
Travessa	Dionísio de Araújo	Jardim Petrolar	V5	P4
Rua	Olavo Bilac	Jardim Petrolar	V5	P4
Avenida	Cristo	Jardim Petrolar	V5	P4
Travessa	Valdir Azi	Jardim Petrolar	V5	P4
Travessa	João Crisóstomo	Jardim Petrolar	V5	P4
Avenida	Ipiranga	Jardim Petrolar	V5	P4
Travessa	Teodoro Neri de Carneiro	Jardim Petrolar	V5	P4
Travessa	Ferreira Gullar	Jardim Petrolar	V5	P4
Avenida	Minas Gerais	Jardim Petrolar	V5	P4
Rua	Teófilo Otoni	Jardim Petrolar	V5	P4
Travessa	Diamantina	Jardim Petrolar	V5	P4
Travessa	João del-Rei	Jardim Petrolar	V5	P4
Rua	Uberlândia	Jardim Petrolar	V5	P4
Travessa	Itália	Jardim Petrolar	V5	P4
Travessa	Suiça	Jardim Petrolar	V5	P4
Travessa	Portugal	Jardim Petrolar	V5	P4
Rua	Jonas de Melo Pereira	Jardim Petrolar	V5	P4
Rua	Nildete Mendes Silva	Jardim Petrolar	V5	P4
Travessa	Deraldo Moreira D Ancântara	Jardim Petrolar	V5	P4
Rodovia	Mário Covas	Jardim Petrolar	V5	P4
Travessa	Alípio Valverde Martins Filho	Pinto Aguiar	V5	P4
Travessa	Jovenal Casaes	Pinto Aguiar	V5	P4
Rua	Judélio Carmo	Pinto Aguiar	V5	P4
Travessa	Otino Sales	Pinto Aguiar	V5	P4
Rua	Mário Boa Morte	Pinto Aguiar	V5	P4
Praça	Paulo VI	Pinto Aguiar	V5	P4
Rua	Áurea Cardoso Souza	Pinto Aguiar	V5	P4
Largo	Lions Clubs	Pinto Aguiar	V5	P4
Avenida	Juracy Magalhães	Pinto Aguiar	V5	P4
Avenida	Joseph Wagner	Pinto Aguiar	V5	P4
Rua	Valnei Valverde	Pinto Aguiar	V5	P4
Rua	Maria	Pinto Aguiar	V5	P4
Rua	Ana Neri	Pinto Aguiar	V5	P4
Rua	Nadadores	Pinto Aguiar	V5	P4
Rua	Tereza de Calcutá	Pinto Aguiar	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Osvaldo Cruz	Pinto Aguiar	V5	P4
Travessa	Vital Brasil	Pinto Aguiar	V5	P4
Travessa	Wager Alves de Andrade	Pinto Aguiar	V5	P4
Rua	Dores	Pinto Aguiar	V5	P4
Rua	Lita Santana	Pinto Aguiar	V5	P4
Rodovia	Mário Covas	Pinto Aguiar	V5	P4
Rodovia	Mário Covas	Riacho do Mel	V5	P4
Via	68 de Acesso à Avenida dos Caminhoneiros	Riacho do Mel	V5	P4
Avenida	Landulfo Alves	Riacho do Mel	V5	P4
Praça	José Libório	Riacho do Mel	V5	P4
Avenida	Caminhoneiros	Riacho do Mel	V5	P4
Rodovia	Mário Covas	Distrito Industrial II	V5	P4
Rua	Benjamin Franklin	Distrito Industrial II	V5	P4
Avenida	Caminhoneiros	Distrito Industrial II	V5	P4
Rua	Deus	Distrito Industrial II	V5	P4
Rua	Mataripe	Distrito Industrial II	V5	P4
Rua	Lobato	Distrito Industrial II	V5	P4
Rua	Pacificador	Distrito Militar	V5	P4
Rodovia	Mário Covas	Alagoinhas Velha	V5	P4
Rua	Inglaterra	Alagoinhas Velha	V5	P4
Avenida	João VI	Alagoinhas Velha	V5	P4
Rua	Carlota Joaquina	Alagoinhas Velha	V5	P4
Rua	Tamandaré	Alagoinhas Velha	V5	P4
Travessa	Conde D' Eu	Alagoinhas Velha	V5	P4
Travessa	Pombal	Alagoinhas Velha	V5	P4
Rua	Isabel	Alagoinhas Velha	V5	P4
Travessa	Barbacena	Alagoinhas Velha	V5	P4
Travessa	Aimoré	Alagoinhas Velha	V5	P4
Travessa	Açu	Alagoinhas Velha	V5	P4
Rua	Tereza Cristina	Alagoinhas Velha	V5	P4
Via	6 de Ligação na Rua São Caetano	Alagoinhas Velha	V5	P4
Rua	Caetano	Alagoinhas Velha	V5	P4
Rua	Leopoldina	Alagoinhas Velha	V5	P4
Rua	Freijó	Alagoinhas Velha	V5	P4
Rua	Pátria	Alagoinhas Velha	V5	P4
Rua	Araújo Lima	Alagoinhas Velha	V5	P4
Rua	Ouro Preto	Alagoinhas Velha	V5	P4
Rua	Mauá	Alagoinhas Velha	V5	P4
Praça	Abrantes	Alagoinhas Velha	V5	P4
Rua	Imigrantes	Alagoinhas Velha	V5	P4
Avenida	Cássia Imperial	Alagoinhas Velha	V5	P4
Rua	Conceição	Alagoinhas Velha	V5	P4
Rua	Roque	Alagoinhas Velha	V5	P4
Rua	Bromélia	Alagoinhas Velha	V5	P4
Rua	Juá	Alagoinhas Velha	V5	P4
Rua	Avencas	Alagoinhas Velha	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Copo de Leite	Alagoinhas Velha	V5	P4
Rua	Algarobas	Alagoinhas Velha	V5	P4
Rua	Acácias	Alagoinhas Velha	V5	P4
Rua	Pinheiros	Alagoinhas Velha	V5	P4
Via	8 de Ligação	Alagoinhas Velha	V5	P4
Via	9 de Ligação	Alagoinhas Velha	V5	P4
Rua	Açucena	Alagoinhas Velha	V5	P4
Rua	Oliveiras	Alagoinhas Velha	V5	P4
Rua	Dálías	Alagoinhas Velha	V5	P4
Via	07 de Ligação	Alagoinhas Velha	V5	P4
Rua	Amor Perfeito	Alagoinhas Velha	V5	P4
Rua	Samambaia	Alagoinhas Velha	V5	P4
Rua	Kactos	Alagoinhas Velha	V5	P4
Rua	Alfazema	Alagoinhas Velha	V5	P4
Rua	Begônia	Alagoinhas Velha	V5	P4
Rua	Andrade	Alagoinhas Velha	V5	P4
Rua	Farroupilhas	Alagoinhas Velha	V5	P4
Rua	Caneca	Alagoinhas Velha	V5	P4
Rua	Praianos	Alagoinhas Velha	V5	P4
Rua	Malés	Alagoinhas Velha	V5	P4
Rua	Luís Gama	Alagoinhas Velha	V5	P4
Rua	Francisco Sabino	Alagoinhas Velha	V5	P4
Rua	Cotegipe Saraiva	Alagoinhas Velha	V5	P4
Rua	Balaiada	Alagoinhas Velha	V5	P4
Rua	Euzébio de Queiroz	Alagoinhas Velha	V5	P4
Rua	Pedro Ivo	Alagoinhas Velha	V5	P4
Rua	Theodora Martinha de Souza - Dona Dodo	Alagoinhas Velha	V5	P4
Travessa	Elizete Dórea	Alagoinhas Velha	V5	P4
Rua	Antenor Barbosa Dias	Alagoinhas Velha	V5	P4
Rua	Jorge de Santana	Alagoinhas Velha	V5	P4
Rua	José Dias da Silva	Alagoinhas Velha	V5	P4
Rua	Eugênio Chagas	Alagoinhas Velha	V5	P4
Rua	Genésio Almeida do Nascimento	Alagoinhas Velha	V5	P4
Rua	Sales Paranhos	Alagoinhas Velha	V5	P4
Rua	Olindina	Alagoinhas Velha	V5	P4
Travessa	Luzinete Cardoso das Neves	Alagoinhas Velha	V5	P4
Rua	Francisco Ribeiro Lima	Alagoinhas Velha	V5	P4
Rua	Vitória Régia	Alagoinhas Velha	V5	P4
Rua	Bom Retiro	Alagoinhas Velha	V5	P4
Rua	Francisco Xavier dos Santos	Alagoinhas Velha	V5	P4
Travessa	Laizinha de Chico	Alagoinhas Velha	V5	P4
Rua	Genaro Rêgo Nunes	Alagoinhas Velha	V5	P4
Rua	Brás Biscarde	Alagoinhas Velha	V5	P4
Travessa	Curitiba	Alagoinhas Velha	V5	P4
Avenida	8 de Dezembro	Alagoinhas Velha	V5	P4
Travessa	Eulina Ribeiro Lima	Alagoinhas Velha	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Vicente Francisco da Silva	Alagoinhas Velha	V5	P4
Praça	Hilda dos Santos	Alagoinhas Velha	V5	P4
Praça	Leão de Marota	Alagoinhas Velha	V5	P4
Rua	Manuel Fausto Alves	Alagoinhas Velha	V5	P4
Praça	Pedro da Costa Dórea	Alagoinhas Velha	V5	P4
Rua	João de Deus Costa	Alagoinhas Velha	V5	P4
Avenida	José Luís dos Santos	Alagoinhas Velha	V5	P4
Rua	José Henrique da Silva Dias	Alagoinhas Velha	V5	P4
Rua	Oscar Víctor	Alagoinhas Velha	V5	P4
Travessa	Boa Sorte	Alagoinhas Velha	V5	P4
Rua	José Leandro Nogueira	Alagoinhas Velha	V5	P4
Rua	Altamirando de Cerqueira Campos	Alagoinhas Velha	V5	P4
Travessa	Alirian Valverde	Alagoinhas Velha	V5	P4
Rua	Dagmar Portela	Alagoinhas Velha	V5	P4
Rua	Luís Bastos Ribeiro	Alagoinhas Velha	V5	P4
Rua	Palmas	Alagoinhas Velha	V5	P4
Rua	Moacyr Bastos Rabelo	Alagoinhas Velha	V5	P4
Rua	Álvaro Maia Nunes	Alagoinhas Velha	V5	P4
Rua	João Barreto Costa	Alagoinhas Velha	V5	P4
Travessa	Belém	Alagoinhas Velha	V5	P4
Rua	Manoel Araújo Góes	Alagoinhas Velha	V5	P4
Rua	Deusdeth Mathias	Alagoinhas Velha	V5	P4
Travessa	Luís Fábio Rabelo	Alagoinhas Velha	V5	P4
Rua	João Maria	Alagoinhas Velha	V5	P4
Rua	Milton Neves	Alagoinhas Velha	V5	P4
Rua	Pedro Rêgo Nunes	Alagoinhas Velha	V5	P4
Praça	Ipês	Alagoinhas Velha	V5	P4
Rua	Maria de Fátima Amaral de Araújo	Alagoinhas Velha	V5	P4
Travessa	Manoel Bonfim	Alagoinhas Velha	V5	P4
Rua	Almir dos Santos	Alagoinhas Velha	V5	P4
Rua	Recanto da Lagoa	Alagoinhas Velha	V5	P4
Rua	Ladérico Zófoli	Alagoinhas Velha	V5	P4
Rua	Sussu Uyraçu Batista	Alagoinhas Velha	V5	P4
Travessa	Enéas Calazans	Alagoinhas Velha	V5	P4
Rua	Marivaldo Santos	Alagoinhas Velha	V5	P4
Praça	José do Café	Alagoinhas Velha	V5	P4
Travessa	Dalva B Silva	Alagoinhas Velha	V5	P4
Praça	José Cursino Bispo	Alagoinhas Velha	V5	P4
Rua	Antônio Pondé	Alagoinhas Velha	V5	P4
Travessa	Olímpio Rodrigues	Alagoinhas Velha	V5	P4
Rua	Célio Machado	Alagoinhas Velha	V5	P4
Rua	Diamantes	Alagoinhas Velha	V5	P4
Rua	Ágatas	Alagoinhas Velha	V5	P4
Rua	Safiras	Alagoinhas Velha	V5	P4
Avenida	Eurico Baptista da Costa	Alagoinhas Velha	V5	P4
Rua	Júlio do Carmo	Alagoinhas Velha	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Milton Santos França	Alagoinhas Velha	V5	P4
Rua	Almiro Bonges	Alagoinhas Velha	V5	P4
Rua	Mário Olímpio	Alagoinhas Velha	V5	P4
Rua	José Batista de Liro Sobrinho	Alagoinhas Velha	V5	P4
Rua	Irene Andrade de Assis	Alagoinhas Velha	V5	P4
Rua	Recanto das Aves	Alagoinhas Velha	V5	P4
Rua	Niltes Severo	Alagoinhas Velha	V5	P4
Avenida	Roque Nascimento	Alagoinhas Velha	V5	P4
Travessa	Fonte das Pedras	Alagoinhas Velha	V5	P4
Travessa	Sol do Meio Dia	Alagoinhas Velha	V5	P4
Travessa	Dama da Noite	Alagoinhas Velha	V5	P4
Travessa	Johann Heinrich Pastalozzi	Alagoinhas Velha	V5	P4
Rua	Isabel Santana	Alagoinhas Velha	V5	P4
Travessa	José Gileno Matos	Alagoinhas Velha	V5	P4
Rua	13 de Junho	Alagoinhas Velha	V5	P4
Rua	Palha	Alagoinhas Velha	V5	P4
Rua	Margarida Neves	Alagoinhas Velha	V5	P4
Travessa	Macaúbas	Alagoinhas Velha	V5	P4
Praça	José Martins Fontes	Alagoinhas Velha	V5	P4
Travessa	João Bispo dos Santos	Alagoinhas Velha	V5	P4
Rua	José Tiago Correia	Alagoinhas Velha	V5	P4
Travessa	Januário Valverde Bastos	Alagoinhas Velha	V5	P4
Rua	Antônio Fernando Aranha	Alagoinhas Velha	V5	P4
Travessa	Carlos de Fário Teles	Alagoinhas Velha	V5	P4
Travessa	João Lima	Alagoinhas Velha	V5	P4
Rua	Geraldina Campos Carneiro	Alagoinhas Velha	V5	P4
Travessa	Manoel Rufino Santana	Alagoinhas Velha	V5	P4
Rua	Pedro José Cunha	Alagoinhas Velha	V5	P4
Rua	Manoel Romão de Souza	Alagoinhas Velha	V5	P4
Rua	Satumino da Silva Ribeiro	Alagoinhas Velha	V5	P4
Avenida	Edgard Santos	Alagoinhas Velha	V5	P4
Avenida	Antônio Pena	Alagoinhas Velha	V5	P4
Travessa	Macaúbas	Jambeiro	V5	P4
Rua	Altino Ribeiro Rocha da Cruz	Jambeiro	V5	P4
Rua	Nilton Nascimento Maia	Jambeiro	V5	P4
Rua	Edvalson Lima	Jambeiro	V5	P4
Rua	José Antônio da Silva	Jambeiro	V5	P4
Rua	José Luís da Silva	Jambeiro	V5	P4
Travessa	Oliveira Alcântara	Jambeiro	V5	P4
Rua	19 de Março	Jambeiro	V5	P4
Travessa	Felicidade	Jambeiro	V5	P4
Rua	Jônatas Rezende	Jambeiro	V5	P4
Rua	João Paulo de Oliveira (Pingueta)	Jambeiro	V5	P4
Rua	José Onofre Cunha	Jambeiro	V5	P4
Rua	Albertino Rodrigues	Jambeiro	V5	P4
Avenida	Terminal Rodoviário	Jambeiro	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Avenida	Luís Carlos Dantas dos Santos	Jambeiro	V5	P4
Avenida	Antônio Pena	Jambeiro	V5	P4
Travessa	Ouro Velho	Jambeiro	V5	P4
Travessa	Brinco de Ouro	Jambeiro	V5	P4
Rua	Ouro Branco	Jambeiro	V5	P4
Rua	Germano Almeida	Jambeiro	V5	P4
Rua	Ouro Negro	Jambeiro	V5	P4
Travessa	Jóia Rara	Jambeiro	V5	P4
Rua	Identificador	Jambeiro	V5	P4
Rua	Malrina Ramos da Silva	Jambeiro	V5	P4
Travessa	Chuva de Ouro	Jambeiro	V5	P4
Travessa	Crispim Costa	Jambeiro	V5	P4
Travessa	Avante	Jambeiro	V5	P4
Travessa	Polícarpo Araújo	Jambeiro	V5	P4
Travessa	Pararipiranga	Jambeiro	V5	P4
Rua	Jessé Leal de Araújo	Jambeiro	V5	P4
Rodovia	Mário Covas	Jambeiro	V5	P4
Rodovia	Mário Covas	Cruzeiro dos Montes	V5	P4
Avenida	Linha Verde	Cruzeiro dos Montes	V5	P4
Rua	Estados Unidos	Cruzeiro dos Montes	V5	P4
Rua	Pitomba	Cruzeiro dos Montes	V5	P4
Rua	Umburanas	Cruzeiro dos Montes	V5	P4
Rua	Isaías Gonçalves Ami	Cruzeiro dos Montes	V5	P4
Rua	Aroeira	Cruzeiro dos Montes	V5	P4
Travessa	Matamba	Cruzeiro dos Montes	V5	P4
Rua	Jequié	Cruzeiro dos Montes	V5	P4
Rua	José Ribeiro Libório	Cruzeiro dos Montes	V5	P4
Rua	João Lopes Cerqueira	Cruzeiro dos Montes	V5	P4
Rua	Manoel Ornelas da Costa	Cruzeiro dos Montes	V5	P4
Rua	Matias Augusto de Jesus	Cruzeiro dos Montes	V5	P4
Travessa	Ronald Golias	Cruzeiro dos Montes	V5	P4
Travessa	Costinha	Cruzeiro dos Montes	V5	P4
Rua	João Nunes de Moura	Cruzeiro dos Montes	V5	P4
Rua	Osvaldo Silva Matos	Cruzeiro dos Montes	V5	P4
Travessa	Maísa Teles	Cruzeiro dos Montes	V5	P4
Rua	Ainoan Dias de Jesus	Cruzeiro dos Montes	V5	P4
Travessa	Ana Cláudia Lessa da Silva	Cruzeiro dos Montes	V5	P4
Travessa	Mércia Mascarenhas Cerqueira	Cruzeiro dos Montes	V5	P4
Travessa	Rosely Silva Brandão	Cruzeiro dos Montes	V5	P4
Rua	Aparecida	Cruzeiro dos Montes	V5	P4
Travessa	Bragança	Cruzeiro dos Montes	V5	P4
Rua	Paragominas	Cruzeiro dos Montes	V5	P4
Travessa	Castanhal	Cruzeiro dos Montes	V5	P4
Rua	Altamira	Cruzeiro dos Montes	V5	P4
Rua	Santarém	Cruzeiro dos Montes	V5	P4
Rua	Cruzeiro dos Montes	Cruzeiro dos Montes	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rodovia	Mário Covas	Distrito Industrial III	V5	P4
Rua	Cruzeiro dos Montes	Distrito Industrial III	V5	P4
Rua	Santarém	Distrito Industrial III	V5	P4
Rua	Paragominas	Distrito Industrial III	V5	P4
Rua	Manoel Ornelas da Costa	Distrito Industrial III	V5	P4
Rua	João Nunes de Moura	Distrito Industrial III	V5	P4
Rua	Estados Unidos	Distrito Industrial III	V5	P4
Rua	Estados Unidos	Calu	V5	P4
Rua	Caratinga	Calu	V5	P4
Rua	Charlie	Calu	V5	P4
Travessa	Sierra	Calu	V5	P4
Rua	Índia	Calu	V5	P4
Rua	Foxtrote	Calu	V5	P4
Rua	Bravo	Calu	V5	P4
Rua	Lima	Calu	V5	P4
Rua	Golf	Calu	V5	P4
Travessa	Juliet	Calu	V5	P4
Rua	Alfa	Calu	V5	P4
Rua	Echo	Calu	V5	P4
Rua	Delta	Calu	V5	P4
Rua	Pensilvânia	Calu	V5	P4
Rua	Arizona	Calu	V5	P4
Rua	Geórgia	Calu	V5	P4
Rua	Alasca	Calu	V5	P4
Rua	Nevada	Calu	V5	P4
Rua	Colorado	Calu	V5	P4
Rua	Texas	Calu	V5	P4
Rua	Indiana	Calu	V5	P4
Rua	Nova York	Calu	V5	P4
Rua	Flórida	Calu	V5	P4
Rua	Fontes	Calu	V5	P4
Rua	Nicéia Maia	Calu	V5	P4
Rua	Reis	Calu	V5	P4
Rua	Antônio Francisco Lisboa - O Aleijadinho	Calu	V5	P4
Rua	Antônio Soriano	Calu	V5	P4
Rua	Lygia Pape	Calu	V5	P4
Via	76 de Ligação	Calu	V5	P4
Rua	Anita Malfatti	Calu	V5	P4
Rua	Djanira de Motta e Silva	Calu	V5	P4
Rua	Di Cavalcante	Calu	V5	P4
Rua	Alice Soares	Calu	V5	P4
Via	75 de Ligação	Calu	V5	P4
Rua	Abigail Andrade	Calu	V5	P4
Rua	Ismael Nery	Calu	V5	P4
Via	74 de Ligação	Calu	V5	P4
Rua	Daniela Amaral	Calu	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Arcângelo Ianelli	Calu	V5	P4
Rua	Osvaldo Goeldi	Calu	V5	P4
Rua	Miguel Ângelo	Calu	V5	P4
Via	73 de Ligação	Calu	V5	P4
Rua	Ananias Ferreira	Calu	V5	P4
Rua	Alfredo Volpi	Calu	V5	P4
Rua	Vicente do Rêgo Monteiro	Calu	V5	P4
Praça	Pablo Picasso	Calu	V5	P4
Rua	Vítor Brecheret	Calu	V5	P4
Rua	Cândido Portinari	Calu	V5	P4
Rua	Diego Velázquez	Calu	V5	P4
Via	72 de Ligação	Calu	V5	P4
Rua	Manabu Mabe	Calu	V5	P4
Rua	Inácio da Costa Ferreira	Calu	V5	P4
Rua	Luís Sacilotto	Calu	V5	P4
Rua	Leonardo da Vinci	Calu	V5	P4
Rua	Cícero Dias	Calu	V5	P4
Via	71 de Ligação	Calu	V5	P4
Rua	Vasco Prado	Calu	V5	P4
Rua	Claude Monet	Calu	V5	P4
Rua	Bruno Giorgi	Calu	V5	P4
Rua	Iberê Camargo	Calu	V5	P4
Via	70 de Ligação	Calu	V5	P4
Rua	Salvador Dali	Calu	V5	P4
Acesso	69 de Acesso ao Conjunto Linha Verde	Calu	V5	P4
Avenida	Linha Verde	Calu	V5	P4
Rua	Fortaleza	Praça Kennedy	V5	P4
Largo	Edvaldo Vieira Gama - Pracinha Paraíba	Praça Kennedy	V5	P4
Travessa	Misael Gomes dos Santos	Praça Kennedy	V5	P4
Rua	Porto Alegre	Praça Kennedy	V5	P4
Rua	Maceió	Praça Kennedy	V5	P4
Rua	Artistas	Praça Kennedy	V5	P4
Travessa	Gildásio D Oliveira	Praça Kennedy	V5	P4
Rua	Honorato Viana	Praça Kennedy	V5	P4
Rua	Edite Carmo	Praça Kennedy	V5	P4
Travessa	Raul Seixas	Praça Kennedy	V5	P4
Rua	José Joaquim Leal	Praça Kennedy	V5	P4
Rua	Helena	Praça Kennedy	V5	P4
Praça	Kennedy	Praça Kennedy	V5	P4
Rua	Wilson Víne da Mota	Praça Kennedy	V5	P4
Largo	Independência	Praça Kennedy	V5	P4
Rua	Manoel Simões Rocha	Praça Kennedy	V5	P4
Rua	Antônio Felloni de Matos	Praça Kennedy	V5	P4
Rua	João de Souza Caldeira	Praça Kennedy	V5	P4
Travessa	Lafayette	Praça Kennedy	V5	P4
Rua	Geraldo Leal	Praça Kennedy	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Avenida	João Dantas	Praça Kennedy	V5	P4
Rua	Oscar Rabelo	Praça Kennedy	V5	P4
Praça	Romeu Vila Flôr	Praça Kennedy	V5	P4
Praça	Salomão Antônio Barros	Praça Kennedy	V5	P4
Avenida	Silva	Praça Kennedy	V5	P4
Rua	Flávio Rabelo	Praça Kennedy	V5	P4
Travessa	Jonas Lopes	Praça Kennedy	V5	P4
Avenida	Sacramento	Praça Kennedy	V5	P4
Rua	Otacílio Valverde	Praça Kennedy	V5	P4
Rua	Jesuíno de Oliveira	Praça Kennedy	V5	P4
Rua	Alecrim	Praça Kennedy	V5	P4
Rua	Sinésia Maria de Jesus	Praça Kennedy	V5	P4
Rua	João	Praça Kennedy	V5	P4
Rua	Clara	Praça Kennedy	V5	P4
Travessa	Oriente	Praça Kennedy	V5	P4
Travessa	Catar	Praça Kennedy	V5	P4
Rua	Nova Bela Vista	Praça Kennedy	V5	P4
Rua	Leovigildo Reis	Praça Kennedy	V5	P4
Rua	Florêncio Maciel de Lima	Praça Kennedy	V5	P4
Rua	Rita Costa Maciel	Praça Kennedy	V5	P4
Rua	Gabriel José de Araújo	Praça Kennedy	V5	P4
Avenida	Dantas	Praça Kennedy	V5	P4
Rua	Janice Nascimento	Praça Kennedy	V5	P4
Rodovia	Simões Filho	Praça Kennedy	V5	P4
Rua	Ana de Oliveira Campos (Profª Noquinha)	Praça Kennedy	V5	P4
Travessa	Emília Requelme	Praça Kennedy	V5	P4
Rua	Quintino Leite	Praça Kennedy	V5	P4
Travessa	Aniada Arderiu	Praça Kennedy	V5	P4
Avenida	Caminho das Árvores	Praça Kennedy	V5	P4
Travessa	Timbô	Praça Kennedy	V5	P4
Rua	Pequi	Praça Kennedy	V5	P4
Rua	Murici	Praça Kennedy	V5	P4
Rua	Tingui	Praça Kennedy	V5	P4
Rua	Primavera	Praça Kennedy	V5	P4
Rua	Azaléia	Praça Kennedy	V5	P4
Rua	Palmeiras	Praça Kennedy	V5	P4
Rua	Jequitibá	Praça Kennedy	V5	P4
Rua	Maricá	Praça Kennedy	V5	P4
Rua	Jasmim	Praça Kennedy	V5	P4
Rua	Orquídeas	Praça Kennedy	V5	P4
Rua	Rosas	Praça Kennedy	V5	P4
Rua	Lírio do Campo	Praça Kennedy	V5	P4
Rua	Pau D'Arco	Praça Kennedy	V5	P4
Rua	Freijó	Praça Kennedy	V5	P4
Rua	Tamboril	Praça Kennedy	V5	P4
Rua	Silvano Cardoso	Praça Kennedy	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	José Severiano Araújo	Praça Kennedy	V5	P4
Travessa	Wilson Alves	Praça Kennedy	V5	P4
Travessa	Maria Anunciação Caldeira	Praça Kennedy	V5	P4
Travessa	José Francisco de Oliveira	Praça Kennedy	V5	P4
Travessa	Canela	Praça Kennedy	V5	P4
Praça	Canto das Árvores	Praça Kennedy	V5	P4
Travessa	Angelim	Praça Kennedy	V5	P4
Rua	Sucupira	Praça Kennedy	V5	P4
Via	13 de Ligação	Praça Kennedy	V5	P4
Rua	Mogno	Praça Kennedy	V5	P4
Via	10 de Ligação	Praça Kennedy	V5	P4
Rua	12 de Ligação	Praça Kennedy	V5	P4
Rua	Imbuia	Praça Kennedy	V5	P4
Rua	11 de Ligação	Praça Kennedy	V5	P4
Travessa	Sálvia Azul	Praça Kennedy	V5	P4
Rua	Borborema	Praça Kennedy	V5	P4
Rua	Raimundo da Rocha Espinheira	Praça Kennedy	V5	P4
Rua	Adolfo Campos	Praça Kennedy	V5	P4
Rua	Areia Branca	Praça Kennedy	V5	P4
Rua	Catarina Gomes da Silva	Praça Kennedy	V5	P4
Avenida	Paulo Afonso	Praça Kennedy	V5	P4
Rua	Djalma de Moraes	Novo Horizonte	V5	P4
Rua	Fortaleza	Novo Horizonte	V5	P4
Rua	José Severiano Araújo	Novo Horizonte	V5	P4
Travessa	Manuel Teles de Souza	Novo Horizonte	V5	P4
Travessa	Ana Regina dos Santos	Novo Horizonte	V5	P4
Avenida	Paulo Afonso	Novo Horizonte	V5	P4
Avenida	Glauber Rocha	Novo Horizonte	V5	P4
Rua	Caminho das Flores	Novo Horizonte	V5	P4
Rua	Geneton Moraes Neto	Novo Horizonte	V5	P4
Travessa	Adolpho Bloch	Novo Horizonte	V5	P4
Travessa	Victor Civita	Novo Horizonte	V5	P4
Rua	Mazzaropi	Novo Horizonte	V5	P4
Rua	Hector Babenco	Novo Horizonte	V5	P4
Acesso	Anselmo Duarte	Novo Horizonte	V5	P4
Travessa	Hugo Carvana	Novo Horizonte	V5	P4
Rua	Carlos Manga	Novo Horizonte	V5	P4
Avenida	Interlagos	Novo Horizonte	V5	P4
Rua	Buriti	Novo Horizonte	V5	P4
Rua	Cedro	Novo Horizonte	V5	P4
Rua	Chico Mendes	Novo Horizonte	V5	P4
Rua	Canavieira	Novo Horizonte	V5	P4
Travessa	Campos dos Goytacazes	Novo Horizonte	V5	P4
Rua	Antônio Conselheiro	Novo Horizonte	V5	P4
Rua	Nilo Peçanha	Novo Horizonte	V5	P4
Rua	Epitácio Pessoa	Novo Horizonte	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Maria Quitéria	Novo Horizonte	V5	P4
Rua	Pau Brasil	Novo Horizonte	V5	P4
Rua	Indianópolis	Novo Horizonte	V5	P4
Rua	Mônaco	Novo Horizonte	V5	P4
Rua	Monte Carlo	Novo Horizonte	V5	P4
Rua	Estoril	Novo Horizonte	V5	P4
Rua	Ímola	Novo Horizonte	V5	P4
Rua	Montreal	Novo Horizonte	V5	P4
Avenida	8 de Dezembro	Novo Horizonte	V5	P4
Rua	Marina Oliveira Reis	Novo Horizonte	V5	P4
Rua	Simón Bolívar	Novo Horizonte	V5	P4
Travessa	Bastos	Novo Horizonte	V5	P4
Travessa	Totinha Fotógrafo	Novo Horizonte	V5	P4
Rua	Carlos Chagas	Novo Horizonte	V5	P4
Rua	Carlos de Souza Carvalho - Cel Carlito	Novo Horizonte	V5	P4
Praça	Humberto Oliveira Campos	Novo Horizonte	V5	P4
Rua	Joanita Cunha Santos	Novo Horizonte	V5	P4
Travessa	Abílio Barreto	Novo Horizonte	V5	P4
Travessa	Elke Maravilha	Novo Horizonte	V5	P4
Travessa	José Lúcio de Oliveira Lima	Novo Horizonte	V5	P4
Travessa	Manoel de Matos	Novo Horizonte	V5	P4
Travessa	Álvares de Azevedo	Novo Horizonte	V5	P4
Travessa	Raimundo Corrêa	Novo Horizonte	V5	P4
Rua	Goiânia	Novo Horizonte	V5	P4
Rua	Florianópolis	Novo Horizonte	V5	P4
Travessa	Arthur de Azevedo	Novo Horizonte	V5	P4
Rua	Adalgisa Nery	Novo Horizonte	V5	P4
Rua	Cláudio Manuel da Costa	Novo Horizonte	V5	P4
Rua	Augusto dos Anjos	Novo Horizonte	V5	P4
Rua	Alberto Oliveira	Novo Horizonte	V5	P4
Via	14 de Ligação	Novo Horizonte	V5	P4
Avenida	Matheus de Oliveira Matos	Novo Horizonte	V5	P4
Travessa	Eduardo Guimarães	Novo Horizonte	V5	P4
Travessa	Fagundes Varela	Novo Horizonte	V5	P4
Rua	Maria da Glória Santos Ribeiro	Novo Horizonte	V5	P4
Travessa	Marília Pêra	Novo Horizonte	V5	P4
Rua	Yoná Magalhães	Novo Horizonte	V5	P4
Travessa	Berta Loran	Novo Horizonte	V5	P4
Rua	Tônia Carrero	Novo Horizonte	V5	P4
Travessa	Bete Lago	Novo Horizonte	V5	P4
Rua	Íris Nascimento dos Santos	Novo Horizonte	V5	P4
Travessa	Laurindo Rabelo	Novo Horizonte	V5	P4
Rua	Catulo da Paixão Cearense	Novo Horizonte	V5	P4
Rua	Eliakin Ribeiro	Novo Horizonte	V5	P4
Via	17 de Ligação	Novo Horizonte	V5	P4
Rua	Ivo Pitanguy	Novo Horizonte	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Via	16 de Ligação	Novo Horizonte	V5	P4
Rua	João Havelange	Novo Horizonte	V5	P4
Via	15 de Ligação	Novo Horizonte	V5	P4
Travessa	Mara Amália Santos Brito	Novo Horizonte	V5	P4
Travessa	Alvarenga Peixoto	Novo Horizonte	V5	P4
Rua	José Olímpio Paranhos Lima	Novo Horizonte	V5	P4
Travessa	José Ribeiro de Santana	Novo Horizonte	V5	P4
Travessa	Coelho Neto	Novo Horizonte	V5	P4
Travessa	Zumira Chaves Silva - Tia Zu	Novo Horizonte	V5	P4
Travessa	Paulo Gonçalves	Novo Horizonte	V5	P4
Travessa	Mário de Lima	Novo Horizonte	V5	P4
Travessa	Maria Lúcia Carmo	Novo Horizonte	V5	P4
Travessa	Salomão Caldas	Novo Horizonte	V5	P4
Travessa	Junqueira Freire	Novo Horizonte	V5	P4
Travessa	Donizete Galvão	Novo Horizonte	V5	P4
Avenida	Nova Aparecida	Novo Horizonte	V5	P4
Avenida	Álvaro Luís Andrade Ornelas	Novo Horizonte	V5	P4
Largo	Sylvio Back	Novo Horizonte	V5	P4
Rua	Roberval Campos	Novo Horizonte	V5	P4
Travessa	Armando Souza Andrade	Novo Horizonte	V5	P4
Travessa	Guimarães Passos	Novo Horizonte	V5	P4
Travessa	Florisvaldo Chaves da Silva	Novo Horizonte	V5	P4
Travessa	Maria José de Souza	Novo Horizonte	V5	P4
Travessa	Basílio da Gama	Novo Horizonte	V5	P4
Travessa	Paulo Laminsk	Novo Horizonte	V5	P4
Travessa	Orestes Barbosa	Novo Horizonte	V5	P4
Travessa	Torquato Neto	Novo Horizonte	V5	P4
Travessa	José Costa Pena	Novo Horizonte	V5	P4
Rua	Guilherme de Almeida	Novo Horizonte	V5	P4
Rua	18 de Ligação	Novo Horizonte	V5	P4
Rua	Altemar Dutra	Novo Horizonte	V5	P4
Rua	Elizete Cardoso	Novo Horizonte	V5	P4
Rua	Carmem Miranda	Novo Horizonte	V5	P4
Rua	Antônio Marcos	Novo Horizonte	V5	P4
Acesso	Clara Nunes	Novo Horizonte	V5	P4
Rua	Dalva de Oliveira	Novo Horizonte	V5	P4
Via	19 de Ligação	Novo Horizonte	V5	P4
Rua	Francisco Petrônio	Novo Horizonte	V5	P4
Rua	Sílvio Caldas	Novo Horizonte	V5	P4
Rua	Paulo Sérgio	Novo Horizonte	V5	P4
Avenida	Mário Lago	Novo Horizonte	V5	P4
Rua	Wilson Simonal	Novo Horizonte	V5	P4
Rua	Noel Rosa	Novo Horizonte	V5	P4
Rua	20 de Ligação	Novo Horizonte	V5	P4
Rua	Evaldo Braga	Novo Horizonte	V5	P4
Rua	Dolores Duran	Novo Horizonte	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Vicente Celestino	Novo Horizonte	V5	P4
Rua	Orlando Dias	Novo Horizonte	V5	P4
Rua	Tim Maia	Novo Horizonte	V5	P4
Alameda	Águas	Novo Horizonte	V5	P4
Rodovia	Mário Covas	Novo Horizonte	V5	P4
Rua	Sagitário	Novo Horizonte	V5	P4
Rua	Aquário	Novo Horizonte	V5	P4
Rua	Áries	Novo Horizonte	V5	P4
Rua	Leão	Novo Horizonte	V5	P4
Rua	Capricórnio	Novo Horizonte	V5	P4
Rua	Peixes	Novo Horizonte	V5	P4
Travessa	Escorpião	Novo Horizonte	V5	P4
Rua	Gêmeos	Novo Horizonte	V5	P4
Rua	Rio Branco	Novo Horizonte	V5	P4
Rua	Libra	Novo Horizonte	V5	P4
Rua	Djalma de Moraes	Cavada	V5	P4
Rua	Palmas	Cavada	V5	P4
Rua	Boa Vista	Cavada	V5	P4
Avenida	Nova Aparecida	Cavada	V5	P4
Avenida	8 de Dezembro	Cavada	V5	P4
Travessa	Natal	Cavada	V5	P4
Rua	Cuiabá	Cavada	V5	P4
Rua	Goiânia	Cavada	V5	P4
Rua	João Pessoa	Cavada	V5	P4
Rua	Florianópolis	Cavada	V5	P4
Rua	Recife	Cavada	V5	P4
Travessa	Belo Horizonte	Cavada	V5	P4
Rua	Fernando de Noronha	Cavada	V5	P4
Rua	Terezina	Cavada	V5	P4
Rua	Rio de Janeiro	Cavada	V5	P4
Rua	Aracaju	Cavada	V5	P4
Rua	Manaus	Cavada	V5	P4
Rua	Paulo	Cavada	V5	P4
Praça	Espaço Recreativo Severino Pinheiro Santana	Cavada	V5	P4
Travessa	Salvador	Cavada	V5	P4
Rua	Roque	Cavada	V5	P4
Travessa	Brasília	Cavada	V5	P4
Rua	Vitória	Cavada	V5	P4
Rua	Campo Grande	Cavada	V5	P4
Travessa	Macapá	Cavada	V5	P4
Rua	Vila Velha	Cavada	V5	P4
Rua	Porto Velho	Cavada	V5	P4
Rua	Barém	Cavada	V5	P4
Rua	França	Cavada	V5	P4
Rua	Rússia	Cavada	V5	P4
Rua	Escócia	Cavada	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Hungria	Cavada	V5	P4
Rua	Sérvia	Cavada	V5	P4
Rua	Tunísia	Cavada	V5	P4
Rodovia	Mário Covas	Cavada	V5	P4
Rua	México	Cavada	V5	P4
Rua	Zaire	Cavada	V5	P4
Rua	Espanha	Cavada	V5	P4
Travessa	Filipinas	Cavada	V5	P4
Rua	Japão	Cavada	V5	P4
Rua	China	Cavada	V5	P4
Rua	Inglaterra	Cavada	V5	P4
Rodovia	Mário Covas	Coqueiral	V5	P4
Avenida	Mercosul	Coqueiral	V5	P4
Avenida	América do Sul	Coqueiral	V5	P4
Travessa	Chile	Coqueiral	V5	P4
Rua	Colômbia	Coqueiral	V5	P4
Rua	Bolívia	Coqueiral	V5	P4
Rua	Uruguai	Coqueiral	V5	P4
Travessa	Bahamas	Coqueiral	V5	P4
Pedestre	Via 77 de Ligação na Avenida Brasil	Coqueiral	V5	P4
Rua	Paraguai	Coqueiral	V5	P4
Avenida	Brasil	Coqueiral	V5	P4
Rua	Suriname	Coqueiral	V5	P4
Rua	Guiana	Coqueiral	V5	P4
Rua	Equador	Coqueiral	V5	P4
Rua	Honduras	Coqueiral	V5	P4
Rua	Guatemala	Coqueiral	V5	P4
Rua	Venezuela	Coqueiral	V5	P4
Rua	Peru	Coqueiral	V5	P4
Rua	Argentina	Coqueiral	V5	P4
Rua	Panamá	Coqueiral	V5	P4
Travessa	Haiti	Coqueiral	V5	P4
Travessa	Costa Rica	Coqueiral	V5	P4
Travessa	Cuba	Coqueiral	V5	P4
Avenida	Nações Unidas	Coqueiral	V5	P4
Rua	José Lima	Coqueiral	V5	P4
Rua	Estrada Velha da Pedreira	Coqueiral	V5	P4
Rua	Atlanta	Coqueiral	V5	P4
Rodovia	Mário Covas	Nova Alagoinhas	V5	P4
Rua	Estrada Velha da Pedreira	Nova Alagoinhas	V5	P4
Rua	José Vitorino	Nova Alagoinhas	V5	P4
Avenida	Linha Verde	Nova Alagoinhas	V5	P4
Rua	Adson Vasconcelos	Nova Alagoinhas	V5	P4
Avenida	João Uchôa Cavalcante Netto	Nova Alagoinhas	V5	P4
Rua	Lázaro Zacariades	Nova Alagoinhas	V5	P4
Rua	Ednaldo Soares	Nova Alagoinhas	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Calcário	Nova Alagoinhas	V5	P4
Rua	Arenito	Nova Alagoinhas	V5	P4
Rua	Renato Costa Vieira	Santa Terezinha	V5	P4
Rua	Manuel Dias	Santa Terezinha	V5	P4
Travessa	Pedro Andrade	Santa Terezinha	V5	P4
Rua	Osório	Santa Terezinha	V5	P4
Rua	Rio Branco	Santa Terezinha	V5	P4
Rua	Joaquim Nabuco	Santa Terezinha	V5	P4
Rua	Tupí Caldas	Santa Terezinha	V5	P4
Rua	Moreira César	Santa Terezinha	V5	P4
Avenida	João Dantas	Santa Terezinha	V5	P4
Rua	Israel Pontes Nonato	Santa Terezinha	V5	P4
Rua	Aquarela	Santa Terezinha	V5	P4
Travessa	Eiffel	Santa Terezinha	V5	P4
Travessa	Milênio	Santa Terezinha	V5	P4
Travessa	Aurora	Santa Terezinha	V5	P4
Rua	Ferreira Monte	Santa Terezinha	V5	P4
Rua	Clóvis Teles da Silva	Santa Terezinha	V5	P4
Rua	Elisa Ferreira Monte	Santa Terezinha	V5	P4
Rua	João Paulo II	Santa Terezinha	V5	P4
Travessa	Agripinia Cardoso dos Santos	Santa Terezinha	V5	P4
Travessa	Francisco Romão	Santa Terezinha	V5	P4
Rua	Maria da Cruz Barbosa	Santa Terezinha	V5	P4
Rua	Marcelina dos Santos	Santa Terezinha	V5	P4
Rua	Lourenço	Santa Terezinha	V5	P4
Rua	Mendes Ferreira	Santa Terezinha	V5	P4
Travessa	Joana Damasceno	Santa Terezinha	V5	P4
Rua	Joaquim Floriano	Santa Terezinha	V5	P4
Travessa	Manuel Gabriel da Silva	Santa Terezinha	V5	P4
Rua	Eraldo Pinheiro da Silva	Santa Terezinha	V5	P4
Travessa	Joaquim Ferreira da Silva	Santa Terezinha	V5	P4
Travessa	Lino Pereira dos Santos	Santa Terezinha	V5	P4
Rua	Regina Santos	Santa Terezinha	V5	P4
Rua	José Francisco dos Santos	Santa Terezinha	V5	P4
Rua	Baixa de São Lourenço	Santa Terezinha	V5	P4
Rua	José Paulo dos Santos	Santa Terezinha	V5	P4
Rua	Parque São Isidoro	Santa Terezinha	V5	P4
Travessa	Celestino Correia de Brito	Santa Terezinha	V5	P4
Travessa	Manoel Felipe dos Santos	Santa Terezinha	V5	P4
Rua	Domingos Veloso	Santa Terezinha	V5	P4
Travessa	Manuel Ferreira	Santa Terezinha	V5	P4
Travessa	Osvaldo Barbosa dos Santos	Santa Terezinha	V5	P4
Rua	Isidoro	Santa Terezinha	V5	P4
Travessa	Raimundo José	Santa Terezinha	V5	P4
Travessa	Raimundo de Moraes	Santa Terezinha	V5	P4
Travessa	Marilene Ribeiro dos Santos	Santa Terezinha	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Travessa	João Batista de Moraes	Santa Terezinha	V5	P4
Rua	Carmelita Magalhães	Santa Terezinha	V5	P4
Rua	Ferro Aço	Santa Terezinha	V5	P4
Travessa	Valdete Cardoso dos Santos	Santa Terezinha	V5	P4
Travessa	Dalva dos Santos	Santa Terezinha	V5	P4
Travessa	Abelhas	Santa Terezinha	V5	P4
Rua	Idelfonson Barbosa	Santa Terezinha	V5	P4
Rua	Evalson Suzart	Santa Terezinha	V5	P4
Rua	Antônio Bertoldo de Santana	Santa Terezinha	V5	P4
Rua	Saborosa	Santa Terezinha	V5	P4
Rua	Herbert de Souza	Santa Terezinha	V5	P4
Rua	Domingos	Santa Terezinha	V5	P4
Rua	Henfil	Santa Terezinha	V5	P4
Rua	Walter Claker	Santa Terezinha	V5	P4
Rua	Marcos Paulo	Santa Terezinha	V5	P4
Rua	Daniel Filho	Santa Terezinha	V5	P4
Rua	José Nonato	Santa Terezinha	V5	P4
Acesso	Carlos Muniz	Santa Terezinha	V5	P4
Praça	Galvão	Santa Terezinha	V5	P4
Rua	Domingos Araújo Vasconcelos	Santa Terezinha	V5	P4
Largo	Flor de Liz	Santa Terezinha	V5	P4
Travessa	Encantado	Santa Terezinha	V5	P4
Travessa	Paulo Santos	Santa Terezinha	V5	P4
Rua	Herdeira Maria de Lourdes	Santa Terezinha	V5	P4
Travessa	Chico do Fumo	Santa Terezinha	V5	P4
Rua	Severino Alves da Silva	Santa Terezinha	V5	P4
Rua	Raimundo dos Santos	Santa Terezinha	V5	P4
Travessa	Venâncio Barbosa	Santa Terezinha	V5	P4
Rua	José Rodrigues dos Santos	Santa Terezinha	V5	P4
Rua	Sossego	Santa Terezinha	V5	P4
Rua	João Cirino da Gama	Santa Terezinha	V5	P4
Rua	Maria Normélia	Santa Terezinha	V5	P4
Rua	Josafá Batista	Santa Terezinha	V5	P4
Rua	Altamiro Damião	Santa Terezinha	V5	P4
Rua	José Hamilton Barros	Santa Terezinha	V5	P4
Rua	Crispim	Santa Terezinha	V5	P4
Rua	Galdino dos Santos	Santa Terezinha	V5	P4
Rua	Alda	Santa Terezinha	V5	P4
Travessa	Hermegilda Pereira dos Santos	Santa Terezinha	V5	P4
Rua	Maria Damiana da Paixão	Santa Terezinha	V5	P4
Travessa	Maria Fernanda dos Santos	Santa Terezinha	V5	P4
Rua	Benedito	Santa Terezinha	V5	P4
Travessa	Djalma Pescador	Santa Terezinha	V5	P4
Travessa	Valdemira Bispo	Santa Terezinha	V5	P4
Corredor	Antônio Alves de Souza	Santa Terezinha	V5	P4
Travessa	Aprígio da Cruz	Santa Terezinha	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Paraíso	Santa Terezinha	V5	P4
Rua	Nestor Suzart	Santa Terezinha	V5	P4
Rua	Ivone Lara	Santa Terezinha	V5	P4
Rua	Manuel Pereira de Souza	Santa Terezinha	V5	P4
Rua	Maria Janilda dos Santos	Santa Terezinha	V5	P4
Rua	Luiz Melodia	Santa Terezinha	V5	P4
Travessa	Valfredo de Santana	Santa Terezinha	V5	P4
Rua	Joselito Alves de Souza	Santa Terezinha	V5	P4
Travessa	Regina de Jesus	Santa Terezinha	V5	P4
Rua	Galdência de Moraes	Santa Terezinha	V5	P4
Travessa	Gabriel Monteiro	Santa Terezinha	V5	P4
Travessa	Raimundo Guarda	Santa Terezinha	V5	P4
Travessa	Maria Otília dos Santos	Santa Terezinha	V5	P4
Rua	Santana	Santa Terezinha	V5	P4
Travessa	Valdete Deus Dará Leal	Santa Terezinha	V5	P4
Travessa	Arlindo da Silva	Santa Terezinha	V5	P4
Travessa	Jucelino Santos Barbosa	Santa Terezinha	V5	P4
Rua	Naná Vasconcelos	Santa Terezinha	V5	P4
Travessa	Maria Felipa	Santa Terezinha	V5	P4
Rua	Ana Celma Conceição dos Santos	Santa Terezinha	V5	P4
Travessa	Dandara dos Palmares	Santa Terezinha	V5	P4
Rua	Nova República	Santa Terezinha	V5	P4
Rua	Eulínia Barbosa dos Santos	Santa Terezinha	V5	P4
Travessa	Mariano Moraes	Santa Terezinha	V5	P4
Avenida	Afonso Goldinho	Santa Terezinha	V5	P4
Praça	João Andrade Brasil	Santa Terezinha	V5	P4
Travessa	Agnaldo Dórea Borges	Santa Terezinha	V5	P4
Rua	Aloísio Costa	Santa Terezinha	V5	P4
Rua	Josafá Abade Ferreira	Santa Terezinha	V5	P4
Travessa	Benigna Melo Silva	Santa Terezinha	V5	P4
Rua	Conrado	Santa Terezinha	V5	P4
Rua	Jorge	Santa Terezinha	V5	P4
Travessa	Hilda Vila Flôr	Santa Terezinha	V5	P4
Praça	Alberto Correia de Melo - Mestre Paizinho	Santa Terezinha	V5	P4
Travessa	Pedro Costa	Santa Terezinha	V5	P4
Travessa	Rita	Santa Terezinha	V5	P4
Rua	Ilíneo Pereira Almeida	Santa Terezinha	V5	P4
Rua	Herculano Alves	Santa Terezinha	V5	P4
Rua	Manga	Santa Terezinha	V5	P4
Rua	Madalena	Santa Terezinha	V5	P4
Praça	José Alves da Silva	Santa Terezinha	V5	P4
Avenida	Stanislau	Santa Terezinha	V5	P4
Rua	Margarida	Santa Terezinha	V5	P4
Rua	Maltide	Santa Terezinha	V5	P4
Rua	Marta	Santa Terezinha	V5	P4
Avenida	Mármore	Santa Terezinha	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Avenida	Silva	Santa Terezinha	V5	P4
Travessa	Dantas Júnior	Santa Terezinha	V5	P4
Travessa	Lourenço José de Castro	Santa Terezinha	V5	P4
Praça	Salomão Antônio Barros	Santa Terezinha	V5	P4
Avenida	Silva	Pirinel	V5	P4
Vila	Genesivaldo Lima Bam Bam	Pirinel	V5	P4
Travessa	Edmundo da Silva Oliveira	Pirinel	V5	P4
Rua	Flávio Rabelo	Pirinel	V5	P4
Avenida	Sacramento	Pirinel	V5	P4
Rua	Carlos Alberto Torres	Pirinel	V5	P4
Rua	Bernadete Batista Matos	Pirinel	V5	P4
Rua	Áurea Cravo	Pirinel	V5	P4
Travessa	Josafá Cardoso de Santana	Pirinel	V5	P4
Rua	Félix João Azi	Pirinel	V5	P4
Rua	João Ribeiro	Pirinel	V5	P4
Rua	Brígida	Pirinel	V5	P4
Rua	Evanildes	Pirinel	V5	P4
Travessa	João Alves dos Santos	Pirinel	V5	P4
Rua	Miguel	Pirinel	V5	P4
Avenida	Itamar Franco	Pirinel	V5	P4
Travessa	Maria Guilhermina	Pirinel	V5	P4
Rua	Albertina Gomes	Pirinel	V5	P4
Travessa	Royal	Pirinel	V5	P4
Rua	Manuel Ernestino dos Santos	Pirinel	V5	P4
Praça	Agenor Evangelista de Jesus	Pirinel	V5	P4
Rua	José Ferreira Ramos	Pirinel	V5	P4
Rua	Sinésia Maria de Jesus	Pirinel	V5	P4
Travessa	Terezinha dos Santos	Pirinel	V5	P4
Rua	Alecrim	Pirinel	V5	P4
Rua	José Carlos Santos de Jesus	Pirinel	V5	P4
Rua	João	Pirinel	V5	P4
Avenida	Dantas	Pirinel	V5	P4
Rua	Eurico Alves Boaventura	Pirinel	V5	P4
Travessa	25 de Março	Pirinel	V5	P4
Rua	Monteiro Lobato	Pirinel	V5	P4
Travessa	Arco Iris	Pirinel	V5	P4
Rua	Clóvis Sebastião da Silva	Pirinel	V5	P4
Travessa	Luís de Santana	Pirinel	V5	P4
Rua	José da Silva Magalhães	Pirinel	V5	P4
Travessa	Arnaldo de Jesus	Pirinel	V5	P4
Praça	Raimundo	Pirinel	V5	P4
Rua	João Torres	Pirinel	V5	P4
Avenida	Paulo Afonso	Pirinel	V5	P4
Travessa	Nicomedes Romano dos Santos	Pirinel	V5	P4
Rua	Pedro Rufino	Pirinel	V5	P4
Travessa	Ely Roberto Carvalho Magalhães	Pirinel	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Wellington Silva	Pirinel	V5	P4
Rua	Magnólia	Pirinel	V5	P4
Rua	Monte Sião	Pirinel	V5	P4
Rua	Israel	Pirinel	V5	P4
Rua	Monte Ebal	Pirinel	V5	P4
Rua	Monte Gilboa	Pirinel	V5	P4
Rua	Monte das Oliveiras	Pirinel	V5	P4
Rua	Joaquim	Pirinel	V5	P4
Rua	Matheus	Pirinel	V5	P4
Rua	José Carlos de Souza	Pirinel	V5	P4
Rua	Napoleão de Souza	Pirinel	V5	P4
Rua	Jorge Eduardo Oliveira	Pirinel	V5	P4
Rua	Marcos	Pirinel	V5	P4
Rua	Jesinalva Maria da Cruz	Pirinel	V5	P4
Rua	Júlio do Santos Nascimento	Pirinel	V5	P4
Rua	Sorte	Pirinel	V5	P4
Rua	San Martins	Pirinel	V5	P4
Rua	Ivaldo Rodrigues do Nascimento	Pirinel	V5	P4
Rua	João Saldanha	Pirinel	V5	P4
Rua	Oliveira Brito	Pirinel	V5	P4
Rua	Luciano do Valle	Pirinel	V5	P4
Avenida	Juscelino Kubitschek	Pirinel	V5	P4
Rua	Manga	Pirinel	V5	P4
Rua	Lucas	Pirinel	V5	P4
Travessa	Pilar	Pirinel	V5	P4
Praça	Américo Barreiro	Pirinel	V5	P4
Praça	Antônio Souza Chagas	Pirinel	V5	P4
Rua	Antônio Alves Portela	Pirinel	V5	P4
Rua	Rafael	Pirinel	V5	P4
Avenida	Mármore	Pirinel	V5	P4
Rua	Bento	Pirinel	V5	P4
Largo	Renovação	Pirinel	V5	P4
Rua	Jorge	Taizé	V5	P4
Rua	Bento	Taizé	V5	P4
Rua	Bezerra da Silva	Taizé	V5	P4
Travessa	Braguinha	Taizé	V5	P4
Travessa	Cauby Peixoto	Taizé	V5	P4
Rua	Francisco José Dantas	Taizé	V5	P4
Rua	Carlos Xavier	Taizé	V5	P4
Travessa	Maria Josefa Vieira Santana	Taizé	V5	P4
Rua	Cristóvão Colombo	Taizé	V5	P4
Rua	Marco Polo	Taizé	V5	P4
Travessa	Fernão de Magalhães	Taizé	V5	P4
Rua	Vasco da Gama	Taizé	V5	P4
Rua	Américo Vespúcio	Taizé	V5	P4
Rua	Anita Garibaldi	Taizé	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Jorge Sanchez	Taizé	V5	P4
Rua	Pedro Alves Cabral	Taizé	V5	P4
Rua	Diogo Teive	Taizé	V5	P4
Avenida	Navegadores	Taizé	V5	P4
Rua	Raul Eloi Santos	Taizé	V5	P4
Rua	Romano Sales	Taizé	V5	P4
Rua	Hércules	Taizé	V5	P4
Rua	Josão	Taizé	V5	P4
Travessa	Orfeu	Taizé	V5	P4
Avenida	Dantas	Taizé	V5	P4
Rua	Wellington Silva	Taizé	V5	P4
Rua	Wilson Santana	Taizé	V5	P4
Travessa	Valquiria Farias	Taizé	V5	P4
Travessa	Lourdes Borges	Taizé	V5	P4
Rua	Weslei Nascimento	Taizé	V5	P4
Rua	Márcia Machado	Taizé	V5	P4
Rua	Abel Rodrigues	Taizé	V5	P4
Rua	Maria Mercês	Taizé	V5	P4
Rua	Maria Pureza	Taizé	V5	P4
Rua	Glória Fonseca	Taizé	V5	P4
Rua	Helena Paiva	Taizé	V5	P4
Rua	Neuci	Taizé	V5	P4
Travessa	Café Filho	Taizé	V5	P4
Travessa	Washington Luís	Taizé	V5	P4
Rua	Heloísa	Taizé	V5	P4
Rua	Roberto Marinho	Taizé	V5	P4
Rua	Renascer	Taizé	V5	P4
Rua	Campos Sales	Taizé	V5	P4
Rua	Hermes da Fonseca	Taizé	V5	P4
Praça	Cajueiro	Taizé	V5	P4
Rua	Hermes da Silva Menezes	Taizé	V5	P4
Rua	Benjamin dos Santos	Taizé	V5	P4
Rua	Felícia da Silva	Taizé	V5	P4
Rua	Pólux	Taizé	V5	P4
Travessa	20 de Novembro	Taizé	V5	P4
Rua	Mônica	Taizé	V5	P4
Rua	Helena Fagundes Lima	Taizé	V5	P4
Rua	Leonice Rodrigues Reis	Taizé	V5	P4
Rua	Izaías Bispo dos Santos	Taizé	V5	P4
Travessa	Edith Lopes	Taizé	V5	P4
Praça	Recanto da Paz	Taizé	V5	P4
Rua	Tereza de Jesus	Taizé	V5	P4
Travessa	Clara e Francisco	Taizé	V5	P4
Rua	Isaura Reis	Taizé	V5	P4
Travessa	Acendínio Alves	Taizé	V5	P4
Travessa	Ana Maria Conceição	Taizé	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Paraguaçu	Taizé	V5	P4
Rua	Cruz	Taizé	V5	P4
Rua	Jânio Quadros	Taizé	V5	P4
Rua	João Goulart	Taizé	V5	P4
Travessa	Marieta Lima	Taizé	V5	P4
Rua	André	Taizé	V5	P4
Rua	Zumbi dos Palmares	Taizé	V5	P4
Travessa	Tiago de Taizé	Taizé	V5	P4
Travessa	Sara Marra	Taizé	V5	P4
Travessa	Sandra Dias	Taizé	V5	P4
Rua	Antônio Carlos dos Santos	Taizé	V5	P4
Rua	Anísia Santana	Taizé	V5	P4
Rua	Pedro Liro	Taizé	V5	P4
Rua	Coqueiros	Taizé	V5	P4
Rua	Lázaro	Taizé	V5	P4
Rua	Lázaro	Vale	V5	P4
Rua	Jorge	Vale	V5	P4
Travessa	Zé de Bieta	Vale	V5	P4
Avenida	Afonso Goldinho	Vale	V5	P4
Travessa	Rosa Maria Vieira	Vale	V5	P4
Rua	Pedro José Devay	Vale	V5	P4
Travessa	Adérito Deraldo de Oliveira	Vale	V5	P4
Rua	Antônio Ribeiro dos Santos	Vale	V5	P4
Rua	Cassimiro Spielmann	Vale	V5	P4
Rua	Dionísia Maria de Jesus	Vale	V5	P4
Rua	Nunes Muniz	Vale	V5	P4
Rua	Manuel Araújo da Silva	Vale	V5	P4
Rua	Feleciano Almeida	Vale	V5	P4
Rua	Michel Bergam	Vale	V5	P4
Travessa	Cosmo Antônio da Silva	Vale	V5	P4
Rua	Paraguaçu	Vale	V5	P4
Travessa	Luís Gustavo	Vale	V5	P4
Avenida	Vale	Vale	V5	P4
Rua	3 Irmãs	Vale	V5	P4
Travessa	Rafael Agnelo Carvalho	Vale	V5	P4
Travessa	Domingos Graciliando dos Santos	Vale	V5	P4
Rua	Vale Nova Esperança	Vale	V5	P4
Travessa	Firmino Pereira	Vale	V5	P4
Travessa	Zé Limeira	Vale	V5	P4
Travessa	Osvaldo Andrade	Vale	V5	P4
Travessa	Muricas	Vale	V5	P4
Travessa	Castro	Vale	V5	P4
Rua	Artur Bernardes	Vale	V5	P4
Rua	Barro Vermelho	Vale	V5	P4
Rua	Afonso Pena	Vale	V5	P4
Rua	José Apolônio	Vale	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Avenida	Paulo Afonso	Vale	V5	P4
Rua	Tieta do Agreste	Vale	V5	P4
Estrada Vicinal	Basílio Quirino	Vale	V5	P4
Rua	Cajazeiras	Vale	V5	P4
Avenida	Paulo Afonso	Jorge Amado	V5	P4
Avenida	Zélia Gattai	Jorge Amado	V5	P4
Travessa	Antônio Bispo dos Santos	Jorge Amado	V5	P4
Travessa	Tereza Batista	Jorge Amado	V5	P4
Rua	Gabriela	Jorge Amado	V5	P4
Rua	Matheus dos Santos	Jorge Amado	V5	P4
Rua	Wasiei Santos	Jorge Amado	V5	P4
Rua	Jorge Brandão	Jorge Amado	V5	P4
Rua	Balbino dos Santos	Jorge Amado	V5	P4
Rua	Amélia Miranda	Jorge Amado	V5	P4
Rua	Asa Branca	Jorge Amado	V5	P4
Rua	José Raimundo da Paz	Jorge Amado	V5	P4
Rua	Flôr	Jorge Amado	V5	P4
Rua	Tieta do Agreste	Jorge Amado	V5	P4
Rua	Tenda dos Milagres	Jorge Amado	V5	P4
Avenida	Cometa Halley	Jorge Amado	V5	P4
Rua	Sírius	Jorge Amado	V5	P4
Rua	Vega	Jorge Amado	V5	P4
Avenida	Órion	Jorge Amado	V5	P4
Rua	3 Marias	Jorge Amado	V5	P4
Rua	Centauro	Jorge Amado	V5	P4
Avenida	Cruzeiro do Sul	Jorge Amado	V5	P4
Rua	Vale do Amanhecer	Jorge Amado	V5	P4
Rua	Sol Nascente	Jorge Amado	V5	P4
Travessa	Antares	Jorge Amado	V5	P4
Rua	Estrela Dalva	Jorge Amado	V5	P4
Avenida	Cometas	Jorge Amado	V5	P4
Rodovia	Mário Covas	Jorge Amado	V5	P4
Rua	Paraguai	Sauípe	V5	P4
Rodovia	Mário Covas	Sauípe	V5	P4
Rua	Siconsino Barbosa dos Santos	Sauípe	V5	P4
Travessa	José Araújo	Sauípe	V5	P4
Praça	Vale do Sol	Sauípe	V5	P4
Rua	Lavadeiras	Sauípe	V5	P4
Rua	Maria de Fátima Araújo dos Santos	Sauípe	V5	P4
Rua	Abraão	Sauípe	V5	P4
Rua	Manoel Alexandre de Santana	Sauípe	V5	P4
Rua	Arinetes Fernandes	Sauípe	V5	P4
Avenida	Francisco Ferreira da Costa Filho	Sauípe	V5	P4
Rua	Bahia de Todos os Santos	Sauípe	V5	P4
Rua	Itaparica	Sauípe	V5	P4
Avenida	Durvalino Calazans de Souza	Sauípe	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Sergipe	Sauípe	V5	P4
Rua	Pará	Sauípe	V5	P4
Rua	Alagoas	Sauípe	V5	P4
Praça	Distrito Federal	Sauípe	V5	P4
Rua	Pernambuco	Sauípe	V5	P4
Travessa	Acre	Sauípe	V5	P4
Rua	Paraíba	Sauípe	V5	P4
Praça	Bernardo	Sauípe	V5	P4
Travessa	Vera Cruz	Sauípe	V5	P4
Rua	Rio Grande do Norte	Sauípe	V5	P4
Rua	Tocantins	Sauípe	V5	P4
Rua	Piauí	Sauípe	V5	P4
Travessa	Roraima	Sauípe	V5	P4
Rua	Ceará	Sauípe	V5	P4
Travessa	Gameleira	Sauípe	V5	P4
Travessa	Amapá	Sauípe	V5	P4
Rua	Maranhão	Sauípe	V5	P4
Rua	Rondônia	Sauípe	V5	P4
Rua	América	Sauípe	V5	P4
Rodovia	Mário Covas	DESAL	V5	P4
Avenida	Terra	DESAL	V5	P4
Travessa	Mercúrio	DESAL	V5	P4
Rua	Júpiter	DESAL	V5	P4
Rua	Saturno	DESAL	V5	P4
Acesso	Vênus	DESAL	V5	P4
Rua	Plutão	DESAL	V5	P4
Rua	Marte	DESAL	V5	P4
Rua	Urano	DESAL	V5	P4
Rua	Netuno	DESAL	V5	P4
Rua	Via Láctea	DESAL	V5	P4
Travessa	Mandacaru	Catu	V5	P4
Rua	Manuel Dias	Catu	V5	P4
Travessa	Serrolândia	Catu	V5	P4
Travessa	Kosé Pedro Cardoso	Catu	V5	P4
Travessa	Arlindo dos Santos	Catu	V5	P4
Travessa	Hermes Carvalho	Catu	V5	P4
Travessa	Ferreira Dias	Catu	V5	P4
Travessa	Valdemar Dias	Catu	V5	P4
Rua	Nulce Pereira Gonçalves	Catu	V5	P4
Rua	Sólon Barros	Catu	V5	P4
Travessa	Raminho Conceição	Catu	V5	P4
Travessa	Abidiel Góes	Catu	V5	P4
Rua	João Carlos Meireles Paolilo	Catu	V5	P4
Travessa	Veludos	Catu	V5	P4
Travessa	Verbenas	Catu	V5	P4
Rua	Sempre Viva	Catu	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Flamboyants	Catu	V5	P4
Rua	Bougainvilles	Catu	V5	P4
Travessa	Lírios	Catu	V5	P4
Travessa	Hortências	Catu	V5	P4
Travessa	Margaridas	Catu	V5	P4
Travessa	Cravos	Catu	V5	P4
Travessa	Girassóis	Catu	V5	P4
Travessa	Antúrios	Catu	V5	P4
Travessa	Angélicas	Catu	V5	P4
Rua	Parque Morada do Sol	Catu	V5	P4
Travessa	Violetas	Catu	V5	P4
Travessa	Gardêneas	Catu	V5	P4
Rua	Amendoeiras	Catu	V5	P4
Travessa	Anímio José dos Santos	Catu	V5	P4
Travessa	João Alves Nogueira	Catu	V5	P4
Avenida	Maria Imaculada Conceição	Catu	V5	P4
Travessa	Antônio Marciel	Catu	V5	P4
Travessa	Antônio Castro	Catu	V5	P4
Rua	Juldásio Fiscina	Catu	V5	P4
Rua	Jaime da Silva Carneiro	Catu	V5	P4
Travessa	Gilberto Lins	Catu	V5	P4
Rua	Maria Jaqueira	Catu	V5	P4
Travessa	Teófilo Maciel	Catu	V5	P4
Travessa	Gildete Ray	Catu	V5	P4
Travessa	Graciliana da Silva Azi	Catu	V5	P4
Praça	Calazans Filho	Catu	V5	P4
Rua	Nelson Mandela	Catu	V5	P4
Rua	Grécia	Catu	V5	P4
Pedestre	21 de Ligação	Catu	V5	P4
Rua	Noruega	Catu	V5	P4
Pedestre	22 de Ligação	Catu	V5	P4
Rua	Dinamarca	Catu	V5	P4
Pedestre	23 de Ligação	Catu	V5	P4
Pedestre	24 de Ligação	Catu	V5	P4
Rua	Tailândia	Catu	V5	P4
Avenida	Austrália	Catu	V5	P4
Rua	Jordânia	Catu	V5	P4
Rua	Turquia	Catu	V5	P4
Rua	Jamaica	Catu	V5	P4
Rua	Marrocos	Catu	V5	P4
Rua	Polônia	Catu	V5	P4
Rua	Bélgica	Catu	V5	P4
Rua	Nigéria	Catu	V5	P4
Acesso	Quênia	Catu	V5	P4
Rua	Senegal	Catu	V5	P4
Praça	Carmelita dos Santos	Catu	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Croácia	Catu	V5	P4
Rua	Roménia	Catu	V5	P4
Rua	Alemanha	Catu	V5	P4
Pedestre	27 de Ligação	Catu	V5	P4
Rua	África do Sul	Catu	V5	P4
Rua	Indonésia	Catu	V5	P4
Rua	Canadá	Catu	V5	P4
Rua	Albânia	Catu	V5	P4
Rua	Nicarágua	Catu	V5	P4
Pedestre	28 de Ligação	Catu	V5	P4
Pedestre	26 de Ligação	Catu	V5	P4
Rua	Bulgária	Catu	V5	P4
Rua	Nepal	Catu	V5	P4
Rua	Finlândia	Catu	V5	P4
Pedestre	25 de Ligação	Catu	V5	P4
Rua	Singapura	Catu	V5	P4
Rua	Manoel Hypólito da Silva	São Lucas	V5	P4
Rua	Aurélio Pereira de Souza	São Lucas	V5	P4
Rua	Sudão	São Lucas	V5	P4
Rua	Sorocaba	São Lucas	V5	P4
Rua	Jundiá	São Lucas	V5	P4
Rua	Santos	São Lucas	V5	P4
Rua	Bauru	São Lucas	V5	P4
Rua	Ribeirão Preto	São Lucas	V5	P4
Rua	Taboão da Serra	São Lucas	V5	P4
Rua	Caçapava	São Lucas	V5	P4
Rua	Itu	São Lucas	V5	P4
Rua	Bernardo do Campo	São Lucas	V5	P4
Rua	Mogi das Cruzes	São Lucas	V5	P4
Rua	Araraquara	São Lucas	V5	P4
Rua	Campinas	São Lucas	V5	P4
Rua	Guaratinguetá	São Lucas	V5	P4
Rua	Cubatão	São Lucas	V5	P4
Rua	Ubatuba	São Lucas	V5	P4
Rua	Vinhedo	São Lucas	V5	P4
Rua	Osasco	São Lucas	V5	P4
Rua	Guararapes	São Lucas	V5	P4
Rua	Bragança Paulista	São Lucas	V5	P4
Rua	Avaré	São Lucas	V5	P4
Rua	Barretos	São Lucas	V5	P4
Rua	Fernandópolis	São Lucas	V5	P4
Rua	Guarulhos	São Lucas	V5	P4
Rua	Piquete	São Lucas	V5	P4
Rua	Trabiju	São Lucas	V5	P4
Rua	Rubinéia	São Lucas	V5	P4
Rua	Tremembé	São Lucas	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Mogi Mirim	São Lucas	V5	P4
Rua	Paulínia	São Lucas	V5	P4
Rua	Orlândia	São Lucas	V5	P4
Rua	Buritama	São Lucas	V5	P4
Rua	Riversul	São Lucas	V5	P4
Rua	Jacaré de Dentro	São Lucas	V5	P4
Rua	Nova República	Serra do Ouro	V5	P4
Rua	Cajazeiras	Serra do Ouro	V5	P4
Rua	Sócrates Brasileiro	Serra do Ouro	V5	P4
Rua	Viana	Serra do Ouro	V5	P4
Rua	Dilson Funaro	Serra do Ouro	V5	P4
Rua	Bresser Pereira	Serra do Ouro	V5	P4
Rua	Severo Gomes	Serra do Ouro	V5	P4
Rua	Tancredo Neves	Serra do Ouro	V5	P4
Rua	Helder Câmara	Serra do Ouro	V5	P4
Rua	Nélson Carneiro	Serra do Ouro	V5	P4
Travessa	Sauro Ramos	Serra do Ouro	V5	P4
Rua	Miguel Arraes	Serra do Ouro	V5	P4
Rua	Waldir Pires	Serra do Ouro	V5	P4
Rua	Franco Montoro	Serra do Ouro	V5	P4
Travessa	Paulo Brossard	Serra do Ouro	V5	P4
Rua	Chico Pinto	Serra do Ouro	V5	P4
Travessa	Rômulo Almeida	Serra do Ouro	V5	P4
Rua	Ulysses Guimarães	Serra do Ouro	V5	P4
Rua	Celso Furtado	Serra do Ouro	V5	P4
Travessa	Ivete Vargas	Serra do Ouro	V5	P4
Rua	Aureliano Chaves	Serra do Ouro	V5	P4
Rua	Leonel Brizola	Serra do Ouro	V5	P4
Rua	Fernando Lyra	Serra do Ouro	V5	P4
Rua	Olavo Setúbal	Serra do Ouro	V5	P4
Rua	Dante de Oliveira	Serra do Ouro	V5	P4
Rua	Adalberto Barbosa	Serra do Ouro	V5	P4
Travessa	José Francisco	Serra do Ouro	V5	P4
Rua	Raimundo Anunciação	Serra do Ouro	V5	P4
Rua	Augusto Souza	Serra do Ouro	V5	P4
Travessa	Inocêncio Cruz	Serra do Ouro	V5	P4
Travessa	Antônio Cícero	Serra do Ouro	V5	P4
Travessa	Reginaldo Deiró	Serra do Ouro	V5	P4
Travessa	Marcelina do Jesus	Serra do Ouro	V5	P4
Estrada Vicinal	Basílio Quirino	Serra do Ouro	V5	P4
Praça	Rio Branco	Terezópolis	V5	P4
Rua	Ismael Menezes	Terezópolis	V5	P4
Rua	Arcendino Batista Cardoso	Terezópolis	V5	P4
Travessa	Paulo César Alves da Silva	Terezópolis	V5	P4
Travessa	Gerson Caetano dos Reis	Terezópolis	V5	P4
Rua	Renato Vasconcelos Bittencourt	Terezópolis	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Alfredo Garcia da Silva	Terezópolis	V5	P4
Rua	Paulo Jackson Vilas Bôas	Terezópolis	V5	P4
Praça	Elísio de Santana	Terezópolis	V5	P4
Rua	Edivaldo Correia	Terezópolis	V5	P4
Rua	Ferrovários	Terezópolis	V5	P4
Rua	Manoel Vitorino	Terezópolis	V5	P4
Avenida	Antônio Paolilo Pereira	Terezópolis	V5	P4
Rua	Sátiro Dias	Terezópolis	V5	P4
Rua	José Marcelino da Silva	Terezópolis	V5	P4
Rua	Paz	Terezópolis	V5	P4
Acesso	40 de Acesso ao Viaduto do Catu	Terezópolis	V5	P4
Rua	Basílio Xavier	Terezópolis	V5	P4
Rua	Josué Pimentel	Terezópolis	V5	P4
Rua	Eldorado	Terezópolis	V5	P4
Rua	Francisco Farias	Terezópolis	V5	P4
Praça	Saudade	Terezópolis	V5	P4
Rua	Isaías Ramos da Silva	Terezópolis	V5	P4
Rua	Antônio Azevedo	Terezópolis	V5	P4
Rua	Alberto Azi	Terezópolis	V5	P4
Rua	José Sobrinho da Silva	Terezópolis	V5	P4
Travessa	Cassiano Alves	Terezópolis	V5	P4
Rua	José Patrício dos Santos	Terezópolis	V5	P4
Rua	Mathias Ferreira de Araújo	Terezópolis	V5	P4
Rua	Celso Magalhães Dantas	Terezópolis	V5	P4
Rua	Suzana Barreto	Terezópolis	V5	P4
Rua	Antônio Barreto Filho	Terezópolis	V5	P4
Rua	Procópio da Silva	Terezópolis	V5	P4
Rua	Tiradentes	Terezópolis	V5	P4
Avenida	Junqueira	Terezópolis	V5	P4
Rua	Domiciano Santos Pereira	Terezópolis	V5	P4
Travessa	Severiano de Santana	Terezópolis	V5	P4
Travessa	Maria Puraza de Santana	Terezópolis	V5	P4
Rua	Djavan Pimentel Campos	Terezópolis	V5	P4
Rua	Manoel Vitorino	Santo Antônio	V5	P4
Travessa	Antônio Carlos Ramos	Santo Antônio	V5	P4
Travessa	Manuel Vasconcelos	Santo Antônio	V5	P4
Largo	Gevanísio Carvalho	Santo Antônio	V5	P4
Rua	Leovegilda de Jesus Machado	Santo Antônio	V5	P4
Travessa	José Cosme	Santo Antônio	V5	P4
Rua	Marcelino Bispo	Santo Antônio	V5	P4
Rua	Maria Nilza	Santo Antônio	V5	P4
Rua	Madalena Pereira	Santo Antônio	V5	P4
Rua	Joana de Catarino	Santo Antônio	V5	P4
Travessa	Moisés Teófilo Passos	Santo Antônio	V5	P4
Rua	Valdecile Pinto	Santo Antônio	V5	P4
Largo	Cruzeiro de Santo Antônio	Santo Antônio	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Avenida	Antônio	Santo Antônio	V5	P4
Travessa	Osvaldo Valério Santos Machado	Santo Antônio	V5	P4
Travessa	Ercília dos Santos	Santo Antônio	V5	P4
Travessa	Alípio Bispo dos Santos	Santo Antônio	V5	P4
Travessa	Bom Jesus	Santo Antônio	V5	P4
Rua	Hermelinda Santos da Hora	Santo Antônio	V5	P4
Rua	Alzira Martins de Santana	Santo Antônio	V5	P4
Travessa	José Dias	Santo Antônio	V5	P4
Travessa	Francisco dos Santos	Santo Antônio	V5	P4
Rua	Tolentino	Santo Antônio	V5	P4
Travessa	Benfica	Santo Antônio	V5	P4
Travessa	Sintra	Santo Antônio	V5	P4
Travessa	Frederico Araújo	Santo Antônio	V5	P4
Rua	Coimbra	Santo Antônio	V5	P4
Rua	Procópio da Silva	Santo Antônio	V5	P4
Rua	Maria Ramos da Silva	Santo Antônio	V5	P4
Rua	Catarina	Santo Antônio	V5	P4
Rua	Tereza dos Santos	Santo Antônio	V5	P4
Rua	Rita de Cássia	Santo Antônio	V5	P4
Rua	Pedro Apóstolos Barros	Santo Antônio	V5	P4
Rua	Faustino Bispo dos Santos	Santo Antônio	V5	P4
Rua	Edgar Barcelar da Silva	Santo Antônio	V5	P4
Rua	Antônio Thiago dos Santos	Santo Antônio	V5	P4
Rua	Heitor Villa Lobos	Santo Antônio	V5	P4
Rua	João Lúcio de Jesus	Santo Antônio	V5	P4
Rua	21 de Setembro	Santo Antônio	V5	P4
Rua	Antônio Pinto Cardoso	Santo Antônio	V5	P4
Rua	Nerivaldo Carvalho de Menezes	Santo Antônio	V5	P4
Rua	Aurelino Carvalho da Silva	Santo Antônio	V5	P4
Rua	Jô Corrêia	Santo Antônio	V5	P4
Rua	Pedro das Virgens	Santo Antônio	V5	P4
Travessa	Galdina Miranda dos Santos	Santo Antônio	V5	P4
Travessa	Jubal Roque dos Santos	Santo Antônio	V5	P4
Travessa	Maria Helena Evangelista de Abreu	Santo Antônio	V5	P4
Travessa	Deus é Bom	Santo Antônio	V5	P4
Rua	Valdomiro Texeira	Santo Antônio	V5	P4
Travessa	Cândido Dantas	Santo Antônio	V5	P4
Rua	Bento Gonsalo	Santo Antônio	V5	P4
Travessa	Martinha Santana	Santo Antônio	V5	P4
Travessa	Antônio Leovilgildo de Azevedo (Antônio da Farmácia)	Santo Antônio	V5	P4
Largo	Aloísio Alves	Santo Antônio	V5	P4
Travessa	Geraldo Bispo	Santo Antônio	V5	P4
Rua	Pingurute	Santo Antônio	V5	P4
Travessa	Isabel de Souza	Santo Antônio	V5	P4
Travessa	Celina Fátima	Santo Antônio	V5	P4
Rua	Ruy Conceição Pedreira	Santo Antônio	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Maria José Santana	Santo Antônio	V5	P4
Rua	Florentino dos Santos	Santo Antônio	V5	P4
Travessa	José Amadeu Corrêa	Santo Antônio	V5	P4
Rua	Péricles Nogueira Magalhães	Santo Antônio	V5	P4
Travessa	João Pereira da Silva	Santo Antônio	V5	P4
Rua	Dulce	Santo Antônio	V5	P4
Travessa	Arnaldo Cerqueira Campos	Santo Antônio	V5	P4
Rua	Manoel Firmino Bispo	Santo Antônio	V5	P4
Rua	Francisco de Freitas	Santo Antônio	V5	P4
Rua	João Batista dos Santos	Santo Antônio	V5	P4
Travessa	Cícero da Silva	Santo Antônio	V5	P4
Travessa	Railda Cruz	Santo Antônio	V5	P4
Travessa	Carlito do Bloco	Santo Antônio	V5	P4
Largo	Nélson da Madeira	Santo Antônio	V5	P4
Rua	Zilda Santos	Santo Antônio	V5	P4
Travessa	Irene Martins	Santo Antônio	V5	P4
Travessa	Nemézio Ferreira	Santo Antônio	V5	P4
Rua	Maria da Glória Miranda	Santo Antônio	V5	P4
Rua	Altamira de Souza	Santo Antônio	V5	P4
Rua	Albertino	Santo Antônio	V5	P4
Travessa	Alberto Gomes de Jesus	Santo Antônio	V5	P4
Rua	Rosinha Bastos	Santo Antônio	V5	P4
Rua	Alziro	Santo Antônio	V5	P4
Travessa	Carlos	Santo Antônio	V5	P4
Travessa	Carlos Raimundo	Santo Antônio	V5	P4
Avenida	Severino	Santo Antônio	V5	P4
Avenida	Severino	Nova Brasília	V5	P4
Rua	Afonso	Nova Brasília	V5	P4
Rua	Eulina	Nova Brasília	V5	P4
Rua	Pedro	Nova Brasília	V5	P4
Rua	Basílio	Nova Brasília	V5	P4
Rua	Heremita	Nova Brasília	V5	P4
Avenida	Antônio	Nova Brasília	V5	P4
Rua	Alderaci Cruz Ferreira	Nova Brasília	V5	P4
Rua	Amanso	Nova Brasília	V5	P4
Travessa	João Batista de Lima	Nova Brasília	V5	P4
Travessa	João Neres de Almeida	Nova Brasília	V5	P4
Rua	Florisvaldo Domingos dos Santos	Nova Brasília	V5	P4
Avenida	Gabriel	Nova Brasília	V5	P4
Rua	Marcelo	Nova Brasília	V5	P4
Travessa	João Pereira Reis	Nova Brasília	V5	P4
Rua	Amanda Lima	Nova Brasília	V5	P4
Rua	Américo	Nova Brasília	V5	P4
Rua	Antônio de Pádua	Nova Brasília	V5	P4
Rua	Augusto	Nova Brasília	V5	P4
Avenida	Sumaré	Nova Brasília	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Domingos Pereira dos Santos	Nova Brasília	V5	P4
Rua	Tereza	Nova Brasília	V5	P4
Rua	Arnaldo Rocha Gomes	Nova Brasília	V5	P4
Rua	Américo Carvalho	Nova Brasília	V5	P4
Rua	Valquíria	Nova Brasília	V5	P4
Rua	Caraíbas	Nova Brasília	V5	P4
Avenida	Bom Viver	Nova Brasília	V5	P4
Via	35 de Ligação	Nova Brasília	V5	P4
Rua	Itajaí	Nova Brasília	V5	P4
Rua	Maravilhas	Nova Brasília	V5	P4
Avenida	Residencial Alagoinhas V	Nova Brasília	V5	P4
Via	36 de Ligação	Nova Brasília	V5	P4
Rua	25 de Dezembro	Nova Brasília	V5	P4
Via	37 de Ligação	Nova Brasília	V5	P4
Rua	Coração da Cidade	Nova Brasília	V5	P4
Via	38 de Ligação	Nova Brasília	V5	P4
Rua	Encanto da Cidade	Nova Brasília	V5	P4
Rua	Piriquitos	Mãe Cirila	V5	P4
Rua	Américo Carvalho	Mãe Cirila	V5	P4
Rua	Caraíbas	Mãe Cirila	V5	P4
Avenida	Antônio	Mãe Cirila	V5	P4
Rua	Madalena Pereira	Mãe Cirila	V5	P4
Rua	Marcelino Bispo	Mãe Cirila	V5	P4
Largo	Gevanísio Carvalho	Mãe Cirila	V5	P4
Rua	Nélson Gonçalves	Mãe Cirila	V5	P4
Rua	Antônio Salustiano da Silva	Mãe Cirila	V5	P4
Travessa	Manoel José Araujo	Mãe Cirila	V5	P4
Rua	Carlos Nascimento	Mãe Cirila	V5	P4
Rua	Baixa da Santinha	Mãe Cirila	V5	P4
Rua	Rainha	Mãe Cirila	V5	P4
Travessa	Meu Lar	Mãe Cirila	V5	P4
Rua	Terra Santa	Mãe Cirila	V5	P4
Travessa	Romãs	Mãe Cirila	V5	P4
Rua	Cristina	Mãe Cirila	V5	P4
Rua	Tâmaras	Mãe Cirila	V5	P4
Rua	Jerusalém	Mãe Cirila	V5	P4
Travessa	Talismã	Mãe Cirila	V5	P4
Rua	7 Lagoas	Mãe Cirila	V5	P4
Travessa	Manoel Motorista	Mãe Cirila	V5	P4
Rua	Cicero	Mãe Cirila	V5	P4
Rua	Damião	Mãe Cirila	V5	P4
Rua	Marinho	Mãe Cirila	V5	P4
Travessa	Elis Regina	Mãe Cirila	V5	P4
Rua	Arnaldo Bispo	Mãe Cirila	V5	P4
Praça	Manuel de Nóbrega	Mãe Cirila	V5	P4
Rua	João Gilberto	Mãe Cirila	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	João Albertino	Mãe Cirila	V5	P4
Praça	Bons Amigos	Mãe Cirila	V5	P4
Rua	Euclides Neto	Mãe Cirila	V5	P4
Rua	Euclides Neto	São Jerônimo	V5	P4
Largo	Gevanísio Carvalho	São Jerônimo	V5	P4
Rua	Manoel Vitorino	São Jerônimo	V5	P4
Rua	Djavan Pimentel Campos	São Jerônimo	V5	P4
Rua	Pedro Barbosa	São Jerônimo	V5	P4
Rua	Inés	São Jerônimo	V5	P4
Avenida	Junqueira	São Jerônimo	V5	P4
Praça	Calazans Filho	São Jerônimo	V5	P4
Rua	Feiticeira	São Jerônimo	V5	P4
Travessa	Vitório Lima	São Jerônimo	V5	P4
Rua	Nilza Meirele Paolilo	São Jerônimo	V5	P4
Rua	Glória de Cristo	São Jerônimo	V5	P4
Rua	Doralice Cardoso	São Jerônimo	V5	P4
Travessa	Manuel Garrincha	São Jerônimo	V5	P4
Rua	Rubens da Silva	São Jerônimo	V5	P4
Rua	Magnólia Ornelas	São Jerônimo	V5	P4
Rua	Maria Montessori	São Jerônimo	V5	P4
Rua	Damasco	São Jerônimo	V5	P4
Rua	Pedro Furtado	São Jerônimo	V5	P4
Rua	Eliete Souza	São Jerônimo	V5	P4
Rua	Ananias Gomes	São Jerônimo	V5	P4
Rua	Antônio Mário	São Jerônimo	V5	P4
Rua	Inis Farani	São Jerônimo	V5	P4
Rua	Chico Xavier	São Jerônimo	V5	P4
Praça	Paulo de Tarso	São Jerônimo	V5	P4
Rua	Felix	São Jerônimo	V5	P4
Travessa	Cachoeira	São Jerônimo	V5	P4
Rua	Jerônimo	São Jerônimo	V5	P4
Pedestre	39 de Ligação na Rua São Jerônimo	São Jerônimo	V5	P4
Rua	F R Silva	São Jerônimo	V5	P4
Rua	Carlos Lacerda	São Jerônimo	V5	P4
Rua	Benê Nunes	São Jerônimo	V5	P4
Rua	Mário Fernandes dos Santos	São Jerônimo	V5	P4
Rua	Joaquim Távora	São Jerônimo	V5	P4
Rua	José Carlos Fiscina	São Jerônimo	V5	P4
Rua	Araras	São Jerônimo	V5	P4
Avenida	Junqueira	São Francisco	V5	P4
Rua	Araras	São Francisco	V5	P4
Rua	Piriquitos	São Francisco	V5	P4
Rua	Papagaios	São Francisco	V5	P4
Rua	Pombas	São Francisco	V5	P4
Rua	Anchieta	São Francisco	V5	P4
Travessa	Bandeirantes	São Francisco	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Travessa	Jesuítas	São Francisco	V5	P4
Rua	Henrique de Coimbra	São Francisco	V5	P4
Rua	Falcões	São Francisco	V5	P4
Travessa	Tucanos	São Francisco	V5	P4
Rua	Canários	São Francisco	V5	P4
Rua	Rouxinóis	São Francisco	V5	P4
Rua	Pardais	São Francisco	V5	P4
Travessa	Beija-flor	São Francisco	V5	P4
Rua	Colibris	São Francisco	V5	P4
Rua	Beto Silva	São Francisco	V5	P4
Rua	Jairo Vieira	São Francisco	V5	P4
Via	29 de Ligação	São Francisco	V5	P4
Via	30 de Ligação	São Francisco	V5	P4
Rua	31 de Ligação	São Francisco	V5	P4
Praça	Canto dos Pássaros	São Francisco	V5	P4
Rua	Andorinhas	São Francisco	V5	P4
Rua	Cardeais	São Francisco	V5	P4
Travessa	Pavões	São Francisco	V5	P4
Rua	Faisões	São Francisco	V5	P4
Rua	Gaivotas	São Francisco	V5	P4
Travessa	Uriata	São Francisco	V5	P4
Rua	Curiós	São Francisco	V5	P4
Travessa	Araquã	São Francisco	V5	P4
Rua	Bem-ti-vi	São Francisco	V5	P4
Avenida	Oscar Niemeyer	São Francisco	V5	P4
Rua	Hebe Camargo	São Francisco	V5	P4
Rua	Paulo Goulart	São Francisco	V5	P4
Rua	Emílio Santiago	São Francisco	V5	P4
Rua	Prisco Viana	São Francisco	V5	P4
Rua	Paulo Gracindo	São Francisco	V5	P4
Rua	Janete Clair	São Francisco	V5	P4
Rua	Lúcio Costa	São Francisco	V5	P4
Rua	Ariano Suassuna	São Francisco	V5	P4
Rua	Canô Veloso	São Francisco	V5	P4
Rua	Agildo Ribeiro	São Francisco	V5	P4
Rua	Burle Marx	São Francisco	V5	P4
Rua	Paulo Evaristo Arns	São Francisco	V5	P4
Rua	José Carlos Pace	São Francisco	V5	P4
Rua	Telê Santana	São Francisco	V5	P4
Rua	Jair Rodrigues	São Francisco	V5	P4
Rua	Nélson Ned	São Francisco	V5	P4
Rua	Jorge Dória	São Francisco	V5	P4
Rua	Romano Nunes	São Francisco	V5	P4
Rua	Claúdio Cavalcante	São Francisco	V5	P4
Rua	Odete Lara	São Francisco	V5	P4
Rua	Reginaldo Rossi	São Francisco	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Adib Jatene	São Francisco	V5	P4
Rua	Eduardo Campos	São Francisco	V5	P4
Rua	Chico Anysio	São Francisco	V5	P4
Rua	Inezita Barroso	São Francisco	V5	P4
Rua	Jairo Maia	São Francisco	V5	P4
Via	32 de Ligação	São Francisco	V5	P4
Via	33 de Ligação	São Francisco	V5	P4
Via	34 de Ligação	São Francisco	V5	P4
Rua	Celly Campello	São Francisco	V5	P4
Rua	Maurício Correia	São Francisco	V5	P4
Rua	Marília de Dirceu	São Francisco	V5	P4
Rua	Guilherme Bispo de Jesus	São Francisco	V5	P4
Rua	Elza Gomes	São Francisco	V5	P4
Rua	Felipe Camarão	São Francisco	V5	P4
Rua	Anísio Texeira	São Francisco	V5	P4
Rua	Tarsila do Amaral	São Francisco	V5	P4
Rua	José Wilker	São Francisco	V5	P4
Rua	Jerry Adriani	São Francisco	V5	P4
Rua	Waldick Soriano	São Francisco	V5	P4
Rua	Paulo Silvino	São Francisco	V5	P4
Rua	Domingos Montagner	São Francisco	V5	P4
Rua	Chacrinha	São Francisco	V5	P4
Rua	Paulo Autran	São Francisco	V5	P4
Rua	Raul Cortez	São Francisco	V5	P4
Rua	Manoel Hypólito da Silva	São Francisco	V5	P4
Praça	Rio Branco	Silva Jardim	V5	P4
Avenida	15 de Novembro	Silva Jardim	V5	P4
Rua	Amandina Ferreira de Carvalho	Silva Jardim	V5	P4
Praça	Maria Eufrázia	Silva Jardim	V5	P4
Rua	Abraão Vergasta	Silva Jardim	V5	P4
Rua	Antônio Martins de Carvalho	Silva Jardim	V5	P4
Rua	Álvaro de Almeida Silva	Silva Jardim	V5	P4
Rua	Álvaro Cavalcante Muller	Silva Jardim	V5	P4
Rua	Arnaldo de Paiva Lima	Silva Jardim	V5	P4
Rua	Joaquim Lopes	Silva Jardim	V5	P4
Rua	João Bispo de Carvalho	Silva Jardim	V5	P4
Rua	Antônio Carlos Magalhães	Silva Jardim	V5	P4
Rua	Antônio Mutti	Silva Jardim	V5	P4
Rua	José da Costa Dórea	Silva Jardim	V5	P4
Praça	Graças	Silva Jardim	V5	P4
Rua	Otávio Mangabeira	Silva Jardim	V5	P4
Travessa	Joaquim da Silva Cravo	Silva Jardim	V5	P4
Rua	Irineu de Castro	Silva Jardim	V5	P4
Rua	José da Silva Corrêa	Silva Jardim	V5	P4
Rua	Cristóvão Teixeira Costa	Silva Jardim	V5	P4
Rua	Antônio Balbino	Silva Jardim	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Miguel Calmon	Silva Jardim	V5	P4
Rua	Silva Jardim	Silva Jardim	V5	P4
Rua	Laura Lopes de Cerqueira	Silva Jardim	V5	P4
Rua	Régis Pacheco	Silva Jardim	V5	P4
Rua	Gilberto Alves dos Santos	Silva Jardim	V5	P4
Travessa	Anísio Alves dos Santos	Silva Jardim	V5	P4
Rua	Herodiano Dias Pane	Silva Jardim	V5	P4
Rua	Manoel do Nascimento Santos	Silva Jardim	V5	P4
Rua	Getúlio Vargas	Silva Jardim	V5	P4
Rua	José Rodrigues Bittencourt	Silva Jardim	V5	P4
Rua	José Luciano C. Freire	Silva Jardim	V5	P4
Rua	Lomanto Júnior	Silva Jardim	V5	P4
Rua	Castelo Branco	Silva Jardim	V5	P4
Rua	Alexandrina Henrique de Araújo	Silva Jardim	V5	P4
Rua	Antônio de Cerqueira Costa	Silva Jardim	V5	P4
Rua	Alphaville	Silva Jardim	V5	P4
Praça	Egito	Silva Jardim	V5	P4
Rua	Cairo	Silva Jardim	V5	P4
Rua	Albatroz	Silva Jardim	V5	P4
Rua	Artur Pereira Azevedo	Silva Jardim	V5	P4
Travessa	José Palmeiras	Silva Jardim	V5	P4
Rua	João Batista	Silva Jardim	V5	P4
Rua	Cristóvão	Silva Jardim	V5	P4
Rua	Manuel Rodrigues Bittencourt	Silva Jardim	V5	P4
Travessa	Eliomar Sampaio Pinheiro	Silva Jardim	V5	P4
Rua	Manuel Onofre	Silva Jardim	V5	P4
Rua	Lírios dos Vales	Silva Jardim	V5	P4
Rua	Joaquim Pedreira Mascarenhas	Silva Jardim	V5	P4
Rua	Luís Gonzaga	Silva Jardim	V5	P4
Rua	Alexandrino Bispo dos Santos	Silva Jardim	V5	P4
Rua	Colina das Árvores	Silva Jardim	V5	P4
Travessa	José Hermegildo de G Oliveira	Silva Jardim	V5	P4
Rua	Fabrizio Alencar	Silva Jardim	V5	P4
Rua	Etelvino Pereira dos Santos	Silva Jardim	V5	P4
Rua	Guanabara	Silva Jardim	V5	P4
Rua	Antônio Sacramento	Silva Jardim	V5	P4
Rua	Inácio Bastos	Silva Jardim	V5	P4
Travessa	José Marques	Silva Jardim	V5	P4
Travessa	Recanto Evany	Silva Jardim	V5	P4
Travessa	Olga Benário Prestes	Silva Jardim	V5	P4
Travessa	Luís Carlos Prestes	Silva Jardim	V5	P4
Rua	Thompson Flores	Silva Jardim	V5	P4
Rua	Izidório Carneiro dos Santos	Silva Jardim	V5	P4
Rua	Thompson Flores	Silva Jardim	V5	P4
Praça	Saudade	Barreiro	V5	P4
Rua	Ebenézer Alves de Souza	Barreiro	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Eduardo Lins Farias	Barreiro	V5	P4
Rua	Murilo Cavalcante	Barreiro	V5	P4
Rua	Haydee Amorim	Barreiro	V5	P4
Rua	21 de Setembro	Barreiro	V5	P4
Rua	Teotônio Vilela	Barreiro	V5	P4
Praça	Hugo Dantas Luma	Barreiro	V5	P4
Rua	Esdras	Barreiro	V5	P4
Rua	Walter Veloso	Barreiro	V5	P4
Rua	Bonfim	Barreiro	V5	P4
Rua	2ª São Lucas	Barreiro	V5	P4
Travessa	Saulo de Tarso	Barreiro	V5	P4
Rua	Tiago	Barreiro	V5	P4
Rua	Vicente	Barreiro	V5	P4
Rua	Silvalice Silva	Barreiro	V5	P4
Travessa	Mara José de Almeida Rabelo	Barreiro	V5	P4
Rua	Marcello Ornellas	Barreiro	V5	P4
Rua	Amós	Barreiro	V5	P4
Rua	Fonsecas	Barreiro	V5	P4
Rua	Eucaliptos	Barreiro	V5	P4
Travessa	Paulo Maracajá	Barreiro	V5	P4
Rua	Tertuliano Mendes de Souza	Barreiro	V5	P4
Rua	Francisco Cerqueira	Barreiro	V5	P4
Rua	Valença	Barreiro	V5	P4
Rua	Itaberaba	Barreiro	V5	P4
Rua	Camaçari	Barreiro	V5	P4
Rua	Entre Rios	Barreiro	V5	P4
Travessa	Água Fria	Barreiro	V5	P4
Rua	Jacobina	Barreiro	V5	P4
Rua	Arnaldo Pereira Lima	Barreiro	V5	P4
Rua	Irecê	Barreiro	V5	P4
Travessa	José Celson	Barreiro	V5	P4
Rua	Abide	Barreiro	V5	P4
Travessa	Boaventura	Barreiro	V5	P4
Travessa	Uziel	Barreiro	V5	P4
Rua	Avião	Barreiro	V5	P4
Rua	Euvaldo Antonio de Brito	Barreiro	V5	P4
Rua	Dias D' Avila	Barreiro	V5	P4
Rua	Ébano	Barreiro	V5	P4
Rua	Gandú	Barreiro	V5	P4
Rua	Esplanada	Barreiro	V5	P4
Rua	Teodoro Sampaio	Barreiro	V5	P4
Travessa	Juazeiro	Barreiro	V5	P4
Travessa	Petrolina	Barreiro	V5	P4
Rua	Amélia Rodrigues	Barreiro	V5	P4
Rua	Caridade	Barreiro	V5	P4
Rua	Prudência	Barreiro	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Travessa	Bondade	Barreiro	V5	P4
Rua	Prosperidade	Barreiro	V5	P4
Travessa	Solidariedade	Barreiro	V5	P4
Travessa	Nair Vila Nova de Faria	Barreiro	V5	P4
Rua	José Valeriano dos Santos (José Popular)	Barreiro	V5	P4
Rua	Pojuca	Barreiro	V5	P4
Rua	Lamarão	Barreiro	V5	P4
Rua	Feira de Santana	Barreiro	V5	P4
Rua	Rio Real	Barreiro	V5	P4
Rua	Irará	Barreiro	V5	P4
Rua	Teonilho Barbosa	Barreiro	V5	P4
Rua	Itabuna	Barreiro	V5	P4
Rua	Luz	Barreiro	V5	P4
Rua	Ilhéus	Barreiro	V5	P4
Rua	Sebastião	Barreiro	V5	P4
Rua	Obadias	Barreiro	V5	P4
Travessa	San Diego	Barreiro	V5	P4
Rua	Eunápolis	Barreiro	V5	P4
Rua	Vilória da Conquista	Barreiro	V5	P4
Rua	Guilherme	Barreiro	V5	P4
Rua	Fidélis	Barreiro	V5	P4
Travessa	Estevão	Barreiro	V5	P4
Travessa	Rosa	Barreiro	V5	P4
Rua	Habacuque	Barreiro	V5	P4
Rua	Jó	Barreiro	V5	P4
Travessa	Banderola	Barreiro	V5	P4
Rua	Rute	Barreiro	V5	P4
Rua	Helena Vieira Costa (Mãe Helena)	Barreiro	V5	P4
Travessa	Jeú	Barreiro	V5	P4
Travessa	Sofônias	Barreiro	V5	P4
Travessa	Jonas	Barreiro	V5	P4
Rua	Isaías	Barreiro	V5	P4
Rua	1ª Samuel	Barreiro	V5	P4
Rua	Cantares de Salomão	Barreiro	V5	P4
Travessa	1ª Timóteo	Barreiro	V5	P4
Travessa	3ª João	Barreiro	V5	P4
Rua	Zacarias	Barreiro	V5	P4
Rua	Romanos	Barreiro	V5	P4
Rua	Daniel	Barreiro	V5	P4
Rua	Ezequiel	Barreiro	V5	P4
Travessa	Antônio Rocha	Barreiro	V5	P4
Rua	Nazaré	Barreiro	V5	P4
Rua	Serrinha	Barreiro	V5	P4
Rua	Velho Testamento	Barreiro	V5	P4
Rua	Novo Testamento	Barreiro	V5	P4
Rua	Harã	Barreiro	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Juízes de Israel	Barreiro	V5	P4
Rua	Israelitas	Barreiro	V5	P4
Rua	Jardim do Éden	Barreiro	V5	P4
Rua	Profetas Maiores	Barreiro	V5	P4
Rua	Afonso	Barreiro	V5	P4
Rua	Profetas Menores	Barreiro	V5	P4
Rua	Jeremias	Barreiro	V5	P4
Rua	Oséias	Barreiro	V5	P4
Rua	2ª Marcos	Barreiro	V5	P4
Rua	Livro dos Reis	Barreiro	V5	P4
Rua	Hebreus	Barreiro	V5	P4
Rua	Malaquias	Barreiro	V5	P4
Rua	David	Barreiro	V5	P4
Rua	Livro de Josué	Barreiro	V5	P4
Rua	Gálatas	Barreiro	V5	P4
Rua	Provérbios	Barreiro	V5	P4
Rua	Bíblia Sagrada	Barreiro	V5	P4
Rua	2ª Samuel	Barreiro	V5	P4
Rua	Salmos	Barreiro	V5	P4
Rua	Suriel	Barreiro	V5	P4
Rua	Ageu	Barreiro	V5	P4
Rua	Rosivaldo Oliveira de Jesus	Barreiro	V5	P4
Travessa	Mineirão	Barreiro	V5	P4
Travessa	Maracanã	Barreiro	V5	P4
Rua	Manoel Maurício	Barreiro	V5	P4
Rua	Nova Canaã	Barreiro	V5	P4
Rua	Guanabara	Parque Santa Maria	V5	P4
Travessa	Guaratinga	Parque Santa Maria	V5	P4
Rua	Tijuca	Parque Santa Maria	V5	P4
Travessa	Urca	Parque Santa Maria	V5	P4
Rua	Jardim Carioca	Parque Santa Maria	V5	P4
Rua	Irajá	Parque Santa Maria	V5	P4
Rua	Leblon	Parque Santa Maria	V5	P4
Travessa	Humaitá	Parque Santa Maria	V5	P4
Rua	Catete	Parque Santa Maria	V5	P4
Rua	Gávea	Parque Santa Maria	V5	P4
Rua	Ipanema	Parque Santa Maria	V5	P4
Travessa	Realengo	Parque Santa Maria	V5	P4
Rua	Copacabana	Parque Santa Maria	V5	P4
Travessa	Madureira	Parque Santa Maria	V5	P4
Rua	Souto Maior	Parque Santa Maria	V5	P4
Rua	Bom Sucesso	Parque Santa Maria	V5	P4
Rua	Leme	Parque Santa Maria	V5	P4
Rua	Jacarepaguá	Parque Santa Maria	V5	P4
Travessa	Curicica	Parque Santa Maria	V5	P4
Travessa	Taquera	Parque Santa Maria	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Lauro Farani Pedreira de Freitas	Parque Santa Maria	V5	P4
Rua	Antônio Carneiro	Parque Santa Maria	V5	P4
Rua	Avião	Parque Santa Maria	V5	P4
Travessa	Tereza Falcão	Parque Santa Maria	V5	P4
Rua	Cleonice Pereira dos Santos	Parque Santa Maria	V5	P4
Rua	Ibirapuera	Parque Santa Maria	V5	P4
Rua	Mandaqui	Parque Santa Maria	V5	P4
Travessa	Moca	Parque Santa Maria	V5	P4
Rua	Brás	Parque Santa Maria	V5	P4
Travessa	Canindé	Parque Santa Maria	V5	P4
Travessa	Grajaú	Parque Santa Maria	V5	P4
Rua	Pompéia	Parque Santa Maria	V5	P4
Travessa	Paulicéia	Parque Santa Maria	V5	P4
Travessa	Paranaguá	Parque Santa Maria	V5	P4
Rua	Tatuapé	Parque Santa Maria	V5	P4
Travessa	Taboão	Parque Santa Maria	V5	P4
Rua	Matarazzo	Parque Santa Maria	V5	P4
Rua	Botucatu	Parque Santa Maria	V5	P4
Rua	Rollinópolis	Parque Santa Maria	V5	P4
Rua	João Evangelista	Parque Santa Maria	V5	P4
Rua	Piratuba	Parque Santa Maria	V5	P4
Rua	Cambuci	Parque Santa Maria	V5	P4
Rua	Fernando Rodrigues	Parque Santa Maria	V5	P4
Travessa	Guapira	Parque Santa Maria	V5	P4
Rua	Jabaquara	Parque Santa Maria	V5	P4
Travessa	Catumbi	Parque Santa Maria	V5	P4
Rua	Moema	Parque Santa Maria	V5	P4
Rua	Butantã	Parque Santa Maria	V5	P4
Travessa	Anhanguera	Parque Santa Maria	V5	P4
Travessa	Fonte Nova	Parque Santa Maria	V5	P4
Travessa	Pacaembú	Parque Santa Maria	V5	P4
Travessa	Morumbi	Parque Santa Maria	V5	P4
Rua	Elpídio Honorato do Nascimento	Parque Santa Maria	V5	P4
Rua	SJA	Parque Santa Maria	V5	P4
Rua	Macário Mendes dos Rios	Parque Santa Maria	V5	P4
Travessa	Itaim	Parque Santa Maria	V5	P4
Rua	Izidório Carneiro dos Santos	Baixa da Candeia	V5	P4
Rua	Thompson Flores	Baixa da Candeia	V5	P4
Rua	Braz	Baixa da Candeia	V5	P4
Rua	Maria Pereira	Baixa da Candeia	V5	P4
Avenida	Aristóteles de Souza Dantas	Baixa da Candeia	V5	P4
Rua	Maximiano Cerqueira	Baixa da Candeia	V5	P4
Travessa	Adriel	Baixa da Candeia	V5	P4
Avenida	Assis Chateaubriand	Baixa da Candeia	V5	P4
Rua	Zequinha dos Anjos	Baixa da Candeia	V5	P4
Rua	Guanabara	Baixa da Candeia	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Rua	Lauro Farani Pedreira de Freitas	Baixa da Candeia	V5	P4
Travessa	Canindé	Baixa da Candeia	V5	P4
Rua	Pompéia	Baixa da Candeia	V5	P4
Rua	Pinheiros	Baixa da Candeia	V5	P4
Travessa	Hugo Batista	Baixa da Candeia	V5	P4
Rua	Isidro dos Santos	Baixa da Candeia	V5	P4
Rua	Phorirfrio Leal de Araújo	Baixa da Candeia	V5	P4
Rua	Lourival de Andrade Jacob	Baixa da Candeia	V5	P4
Rua	Cláudio Mendes da Silva	Baixa da Candeia	V5	P4
Rua	Baixa da Candeia	Baixa da Candeia	V5	P4
Travessa	Miguel Cana Brasil	Baixa da Candeia	V5	P4
Rua	João Evangelista	Baixa da Candeia	V5	P4
Rua	Miguel Santos Fontes	Baixa da Candeia	V5	P4
Rua	Rubem Azevedo Alves	Baixa da Candeia	V5	P4
Rua	Regina Dourado	Baixa da Candeia	V5	P4
Rua	Acelino Vieira dos Santos	Baixa da Candeia	V5	P4
Travessa	Aristides Bispo dos Santos	Baixa da Candeia	V5	P4
Travessa	José Malaquias dos Santos	Baixa da Candeia	V5	P4
Avenida	Luís	Baixa da Candeia	V5	P4
Travessa	Heloísa Victor	Baixa da Candeia	V5	P4
Travessa	Agenor Pereira da Costa	Baixa da Candeia	V5	P4
Rua	José Honorato	Baixa da Candeia	V5	P4
Rua	Maria Joaquina	Baixa da Candeia	V5	P4
Rua	Maria Joaquina	Miguel Velho	V5	P4
Rua	Ressurreição	Miguel Velho	V5	P4
Rua	Macário Mendes dos Rios	Miguel Velho	V5	P4
Rua	Elpídio Honorato do Nascimento	Miguel Velho	V5	P4
Travessa	Cassimiro Soares	Miguel Velho	V5	P4
Travessa	Fernando Machado Aragão	Miguel Velho	V5	P4
Rua	Estrela da Manhã	Miguel Velho	V5	P4
Rua	Nova Fé	Miguel Velho	V5	P4
Travessa	Ana Rosa	Miguel Velho	V5	P4
Rua	Cosme Pimentel	Miguel Velho	V5	P4
Travessa	Aniceto Gonzaga	Miguel Velho	V5	P4
Rua	Odília Brito	Miguel Velho	V5	P4
Rua	Trindade Azevedo	Miguel Velho	V5	P4
Rua	Maria Moreira	Miguel Velho	V5	P4
Rua	José Honorato	Miguel Velho	V5	P4
Rua	José Anselmo dos Santos	Miguel Velho	V5	P4
Rua	Olaria	Miguel Velho	V5	P4
Rua	Mariano Sobral	Miguel Velho	V5	P4
Rua	Licomédio Pinto	Miguel Velho	V5	P4
Rua	José Nascimento	Miguel Velho	V5	P4
Travessa	Ricardina Lima	Miguel Velho	V5	P4
Travessa	Celina Pereira	Miguel Velho	V5	P4
Rua	Catarina Santos	Miguel Velho	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Via	41 de Ligação na Rua Pedro Ventura	Miguel Velho	V5	P4
Rua	Claudiano Batista	Miguel Velho	V5	P4
Travessa	Pedro Sales	Miguel Velho	V5	P4
Rua	Federação	Miguel Velho	V5	P4
Rua	Continental	Miguel Velho	V5	P4
Rua	Cruzeiro de São Roque	Miguel Velho	V5	P4
Rua	Universal	Miguel Velho	V5	P4
Rua	Pedro Ventura	Miguel Velho	V5	P4
Rua	Galdência de Souza Nunes	Miguel Velho	V5	P4
Rua	Alvaro Almeida Silva	Silva Jardim	V5	P4
Rua	Antonio Costa	Silva Jardim	V5	P4
Rua	Artur Pereira de Oliveira	Silva Jardim	V5	P4
Parque	Cristóvão	Silva Jardim	V5	P4
Rua	Joaquim Cravo	Silva Jardim	V5	P4
Parque	José	Silva Jardim	V5	P4
Rua	Manoel Onofre	Silva Jardim	V5	P4
Travessa	Manoel Onofre	Silva Jardim	V5	P4
Travessa	Silva Jardim	Silva Jardim	V5	P4
Rua	Vale dos Lirios	Silva Jardim	V5	P4
Parque	Alagoinhas	Centro	V5	P4
Conjunto	Alagoinhas IV	Alagoinhas Velha	V5	P4
Rua	Alameda das Algarobas	Centro	V5	P4
Travessa	Alameda das Algarobas	Centro	V5	P4
Parque	Alamedas	Santa Terezinha	V5	P4
Rua	Alegria	Jardim Pedro Braga	V5	P4
Loteamento	Alto Coração de Jesus	Mangalô	V5	P4
Travessa	Alto do Corte	Santa Isabel	V5	P4
Rua	Alto do Peru	Santa Terezinha	V5	P4
Rua	Alvaro Almeida Silva	Silva Jardim	V5	P4
Rua	Manoel Vitorino	Teresópolis	V5	P4
Alto	Antônio	Teresópolis	V5	P4
Rua	Antônio	Kennedy	V5	P4
Rua	Antônio	Teresópolis	V5	P4
Avenida	Antônio Amorim	Dois de Julho	V5	P4
Travessa	Antônio Carneiro	Barreiro	V5	P4
Rua	Antonio Costa	Silva Jardim	V5	P4
Rua	Artur Pereira de Oliveira	Silva Jardim	V5	P4
Rua	Ascendino Batista Cardoso	Centro	V5	P4
Avenida	Aurelina Freitas	Santa Isabel	V5	P4
Travessa	Avião	Barreiro	V5	P4
Travessa	Bahia	Jardim Petrolar	V5	P4
Travessa	Baixa da Candeia	Mangalô	V5	P4
Travessa	Baixa do Corte	Mangalô	V5	P4
Parque	Benedito	Jardim Petrolar	V5	P4
Travessa	Benedito	Santa Terezinha	V5	P4
Travessa	Benedito	Jardim Petrolar	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Parque	Bernadete	Kennedy	V5	P4
Parque	Bonfim	Dois de Julho	V5	P4
Rua	Brasílio Xavier	Jardim Pedro Braga	V5	P4
Alto	Camaçari	Barreiro	V5	P4
Travessa	Castro Alves	Santa Isabel	V5	P4
Rua	Clara	Santa Terezinha	V5	P4
Parque	Conceição	Catu	V5	P4
Travessa	Conceição	Alagoinhas Velha	V5	P4
Avenida	Cotovelo	Dois de Julho	V5	P4
Travessa	Crispim	Santa Terezinha	V5	P4
Parque	Cristóvão	Silva Jardim	V5	P4
Travessa	Dez de Novembro	Teresópolis	V5	P4
Parque	Diesel	Dois de Julho	V5	P4
Travessa	Dois de Julho	Dois de Julho	V5	P4
Travessa	Elvira Dorea	Centro	V5	P4
Conjunto	Francisco	Teresópolis	V5	P4
Jardim	Francisco	Dois de Julho	V5	P4
Rua	Garcia	Teresópolis	V5	P4
Rua	Getulio Vargas	Kennedy	V5	P4
Parque	Havai	Alagoinhas Velha	V5	P4
Rua	Henrique Dias	Alagoinhas Velha	V5	P4
Parque	Inema	Barreiro	V5	P4
Conjunto	Inocoop I	Alagoinhas Velha	V5	P4
Conjunto	Inocoop II	Alagoinhas Velha	V5	P4
Conjunto	Inocoop III	Alagoinhas Velha	V5	P4
Conjunto	Inocoop IV	Alagoinhas Velha	V5	P4
Rua	Itapicuru	Dois de Julho	V5	P4
Parque	Jardim América	Alagoinhas Velha	V5	P4
Rua	Joao de Deus Alves	Alagoinhas Velha	V5	P4
Rua	Joaquim Cravo	Silva Jardim	V5	P4
Avenida	José	Kennedy	V5	P4
Parque	José	Silva Jardim	V5	P4
Rua	José	Kennedy	V5	P4
Rua	José	Mangalô	V5	P4
Travessa	José	Kennedy	V5	P4
Travessa	José	Alagoinhas Velha	V5	P4
Travessa	José	Jardim Petrolar	V5	P4
Parque	José Dórea	Centro	V5	P4
Travessa	José Dórea	Centro	V5	P4
Rua	Junqueira	Catu	V5	P4
Rua	Ladislau Cavalcante	Dois de Julho	V5	P4
Travessa	Ladislau Cavalcante	Dois de Julho	V5	P4
Vila	Laranjais	Catu	V5	P4
Conjunto	Leão	Teresópolis	V5	P4
Loteamento	Leão	Alagoinhas Velha	V5	P4
Rua	Lins Faria	Barreiro	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Baixa	Lourenço	Santa Terezinha	V5	P4
Travessa	Luís	Mangalô	V5	P4
Travessa	Mangalo	Mangalô	V5	P4
Rua	Manoel da Silva	Teresópolis	V5	P4
Praça	Manoel Fausto Alves	Alagoinhas Velha	V5	P4
Rua	Manoel Onofre	Silva Jardim	V5	P4
Travessa	Manoel Onofre	Silva Jardim	V5	P4
Travessa	Marcos	Jardim Petrolar	V5	P4
Rua	Margem da Linha	Barreiro	V5	P4
Rua	Moreira	Mangalô	V5	P4
Loteamento	Nosso Lar	Santa Terezinha	V5	P4
Rua	Nova Brasília	Barreiro	V5	P4
Travessa	Olindina	Alagoinhas Velha	V5	P4
Rua	Onório José Cunha	Alagoinhas Velha	V5	P4
Rua	Ospirio Ramos	Alagoinhas Velha	V5	P4
Loteamento	Parque Alcântara	Juracy Magalhães	V5	P4
Rua	Parque das Jaqueiras	Kennedy	V5	P4
Loteamento	Parque Floresta	Centro	V5	P4
Praça	Parque Floresta	Centro	V5	P4
Loteamento	Parque Verde	Alagoinhas Velha	V5	P4
Praça	Pedro Dórea	Alagoinhas Velha	V5	P4
Travessa	Pedro José Cunha	Alagoinhas Velha	V5	P4
Conjunto	Pinto Aguiar	Juracy Magalhães	V5	P4
Travessa	Quatorze de Janeiro	Dois de Julho	V5	P4
Travessa	Quinze de Novembro	Santa Isabel	V5	P4
Parque	Regente	Jardim Petrolar	V5	P4
Avenida	Rio Branco	Alagoinhas Velha	V5	P4
Travessa	Rio Branco	Alagoinhas Velha	V5	P4
Conjunto	Rômulo Almeida	Kennedy	V5	P4
Travessa	Roque	Alagoinhas Velha	V5	P4
Área	Rural		V5	P4
Baixa	Santinha	Teresópolis	V5	P4
Rua	Sátiro Dias	Jardim Pedro Braga	V5	P4
Rua	Sete de Setembro	Centro	V5	P4
Travessa	Silva Jardim	Silva Jardim	V5	P4
Parque	Thompson Flores	Mangalô	V5	P4
Travessa	Thompson Flores	Mangalô	V5	P4
Rua	Tiago Correia	Alagoinhas Velha	V5	P4
Travessa	Tiago Correia	Alagoinhas Velha	V5	P4
Travessa	Treze de Junho	Jardim Petrolar	V5	P4
Conjunto	Urbis I	Jardim Petrolar	V5	P4
Conjunto	Urbis II	Jardim Petrolar	V5	P4
Rua	Vale dos Lirios	Silva Jardim	V5	P4
Travessa	Vinte e Um de Abril	Centro	V5	P4
Travessa	Vinte e Um de Setembro	Barreiro	V5	P4
Rua	Roque	Santa Terezinha	V5	P4

ANEXO 4 – CLASSES DE ILUMINÂNCIA

Tipo	Nome do Logradouro	Bairro	Classificação Viária Veículos (NBR 5101)	Classificação Viária Pedestres (NBR 5101)
Avenida	Silva	Santa Terezinha	V5	P4
Avenida	Severino Vieira	Severino Vieira	V5	P4
Travessa	Antônio	Teresópolis	V5	P4
Rua	Ferrovários	Santa Isabel	V5	P4
Rua	Alecrim	Kennedy	V5	P4