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ASTROPHYSICAL OBSERVATORY

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CATALOG OF SATELLITE OBSERVATIONS

No. C-41

Prepared by Beatrice Miller, Data Division

Smithsonian Institution
Astrophysical Observatory

Cambridge, Massachusetts 02138

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CATALOG OF SATELLITE OBSERVATIONS, NO. C-41[1]

Prepared by Beatrice Miller[2]

INTRODUCTION

The Smithsonian Astrophysical Observatory has tracking responsibility for a certain number of satellites, the responsibility and number being governed by requirements of the National Aeronautics and Space Administration (NASA). Observations of these satellites, of other satellites whose orbits are of unusual interest for analysis, and of satellites that have offered challenge to optical tracking techniques are usually published.

The satellites covered by this report and the periods during which the observations were made are specified in the table of contents. All reliable field-reduced observations for the periods listed in the table of contents have been included.

This catalog does not necessarily contain all observations received by SAO. It is quite often impractical and unnecessary to process all observations, and some that are processed are later rejected because of gross errors. Further, publication of observations does not necessarily imply that they have been used in orbit computations.

The observations listed include those from the SAO Baker-Nunn camera stations and Moonwatch teams, U.S. and foreign observatories, military installations, Phototrack stations, and miscellaneous observers. Minitrack and Doppler data received by SAO are not included.

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[1]This work was supported by grant NsG 87-60 from the National Aeronautics and Space Administration.

[2]Mathematician, Data Division, Smithsonian Astrophysical Observatory.

Units

The data given list the month and day of the observation; the time (U.T.) is given in hours, minutes, and seconds; right ascension is in hours, minutes, and seconds; declination, azimuth, and altitude are in degrees, minutes, and seconds; azimuth is measured from north through east; the range is in kilometers.

An explanation of the Index Numbers appears on pages 3 and 4.

NOTE

From May 1, 1960 through December 31, 1964, Moonwatch observations used the following code for instrument type (6th digit)

Naked eye	1
2-inch telescope or binoculars	2
Apogee telescope	3
Any larger telescope	4

EXPLANATION OF INDEX NUMBER

The index number in the column to the extreme right consists of six digits. The first digit indicates the precision of the time of the observation; the second and third digits, the precision of position; the fourth digit, the coordinate system and corrections; the fifth digit, the equator and equinox; the sixth digit, the type of instrumentation used in making the observation.

Precision of Time (1st digit)

Code number	Standard error in timing (σ_t)	Code number	Standard error in timing (σ_t)
0	No estimate	5	$.02^s < \sigma_t \leqslant .05^s$
1	$\sigma_t \leqslant .0003^s$	6	$.05^s < \sigma_t \leqslant .2^s$
2	$.0003^s < \sigma_t \leqslant .002^s$	7	$.2^s < \sigma_t \leqslant .5^s$
3	$.002^s < \sigma_t \leqslant .005^s$	8	$.5^s < \sigma_t \leqslant 2^s$
4	$.005^s < \sigma_t \leqslant .02^s$	9	$\sigma_t > 2^s$

Precision of Position (2nd and 3rd digits)

Code number*	Standard error in direction (σ_D)	Code number*	Standard error in direction (σ_D)	Code number*	Standard error in direction (σ_D)
00	No estimate	17	$16''.5 < \sigma_D \leqslant 17''.5$	34	$2'.7 < \sigma_D \leqslant 3'.5$
01	$\sigma_D \leqslant 1''.5$	18	$17''.5 < \sigma_D \leqslant 18''.5$	35	$3'.5 < \sigma_D \leqslant 4'.4$
02	$1''.5 < \sigma_D \leqslant 2''.5$	19	$18''.5 < \sigma_D \leqslant 19''.5$	36	$4'.4 < \sigma_D \leqslant 5'.8$
03	$2''.5 < \sigma_D \leqslant 3''.5$	20	$19''.5 < \sigma_D \leqslant 20''.5$	37	$5'.8 < \sigma_D \leqslant 7'.5$
04	$3''.5 < \sigma_D \leqslant 4''.5$	21	$20''.5 < \sigma_D \leqslant 22''$	38	$7'.5 < \sigma_D \leqslant 9'.7$
05	$4''.5 < \sigma_D \leqslant 5''.5$	22	$22'' < \sigma_D \leqslant 23''.5$	39	$9'.7 < \sigma_D \leqslant 13'$
06	$5''.5 < \sigma_D \leqslant 6''.5$	23	$23''.5 < \sigma_D \leqslant 26''$	40	$13' < \sigma_D \leqslant 17'$
07	$6''.5 < \sigma_D \leqslant 7''.5$	24	$26'' < \sigma_D \leqslant 29''$	41	$17' < \sigma_D \leqslant 22'$
08	$7''.5 < \sigma_D \leqslant 8''.5$	25	$29'' < \sigma_D \leqslant 33''$	42	$22' < \sigma_D \leqslant 28'$
09	$8''.5 < \sigma_D \leqslant 9''.5$	26	$33'' < \sigma_D \leqslant 38''$	43	$28' < \sigma_D \leqslant 37'$
10	$9''.5 < \sigma_D \leqslant 10''.5$	27	$38'' < \sigma_D \leqslant 45''$	44	$37' < \sigma_D \leqslant 49'$
11	$10''.5 < \sigma_D \leqslant 11''.5$	28	$45'' < \sigma_D \leqslant 54''$	45	$49' < \sigma_D \leqslant 1^\circ.1$
12	$11''.5 < \sigma_D \leqslant 12''.5$	29	$54'' < \sigma_D \leqslant 1'.1$	46	$1^\circ.1 < \sigma_D \leqslant 1^\circ.4$
13	$12''.5 < \sigma_D \leqslant 13''.5$	30	$1'.1 < \sigma_D \leqslant 1'.3$	47	$1^\circ.4 < \sigma_D \leqslant 1^\circ.8$
14	$13''.5 < \sigma_D \leqslant 14''.5$	31	$1'.3 < \sigma_D \leqslant 1'.7$	48	$1^\circ.8 < \sigma_D \leqslant 2^\circ.4$
15	$14''.5 < \sigma_D \leqslant 15''.5$	32	$1'.7 < \sigma_D \leqslant 2'.1$	49	$2^\circ.4 < \sigma_D$
16	$15''.5 < \sigma_D \leqslant 16''.5$	33	$2'.1 < \sigma_D \leqslant 2'.7$		

* For electronic instruments, these code numbers (2nd and 3rd digits of the index in table 6) are increased by 50.

Coordinate System and Corrections (4th digit)

Code number	Coordinate System
0	Right ascension and declination corrected for refraction or not known to be corrected.
1	Azimuth and altitude corrected for refraction.
2	Right ascension and declination not corrected for refraction.
3	Azimuth and altitude not corrected for refraction or not known to be corrected.

Equator and Equinox (5th digit)

Code number	Equator and Equinox
0	Of date given
1	1855.0
2	1875.0
3	1900.0
4	1950.0

Type of Instrumentation (6th digit)

Code number	Optical Observations	Code number	Electronic Observations
0	Naked eye and binoculars, visual.	0	Minitrack Mark 1.
1	Standard Moonwatch telescope, visual.	1	Minitrack Mark 2.
2	Apogee telescope, astronomical refractor or reflector, theodolite, visual.	2	Interferometer observations from radio observatories.
3	Baker-Nunn camera, photographic.	3	Doppler observations from radio observatories.
4	Small missile telecamera, tracking cameras with focal length 20 inches or greater, photographic.	4	Microlock.
5	Cinetheodolite, tracking cameras with focal length less than 20 inches, photographic.	5	Doppler observations from communications systems.
6	Harvard meteor camera (Super-Schmidt) photographic.	6	Doppler observations from missile ranges.
7	Stationary telescope or camera with focal length equal to or less than 10 inches, photographic.	7	Radar.
8	Stationary telescope or camera with focal length greater than 10 inches, photographic.	8	Unused digit.
9	Other instruments, or instrument unknown.	9	Miscellaneous.

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10944	CURACAO	9C09	63 07 01	8 47 54.95	0 38 48	18 57				434C13
10947	AREQUIPA	9007	63 C7 02	9 03 2C.00	2C 32 12	48 28				434C13
1C946	JUPITER	9C1C	63 C7 C2	9 11 C4.79	1 27 18	- C 34				434C13
1C950	MAUI,HA	9C12	63 07 02	14 47 39.59	0 C6 18	15 58				434C13
10949	CURACAO	9009	63 07 03	7 35 C7.34	1 23 36	9 2C				434C13
10948	JUPITER	9010	63 07 03	9 29 58.97	23 19 48	-1C 35				434C13
1C951	MAUI,HA	9C12	63 07 03	13 12 38.64	1 22 42	- 7 07				434C13
10954	SHIRAZ	9C08	63 07 04	C 29 45.94	23 45 0C	- 7 16				434C13
10956	MAUI,HA	9012	63 07 04	13 35 11.42	1 C9 12	9 47				434C13
10955	CURACAO	9CC9	63 C7 C5	8 19 54.18	C C6 0C	51 59				434C13
1C953	JUPITER	9C1C	63 07 C5	8 19 54.76	1 14 54	4 3C				434C13
10958	MAUI,HA	9C12	63 07 05	13 57 20.47	0 33 48	29 38				434C13
10957	CURACAO	9009	63 07 06	8 4C 39.84	21 22 30	56 47				434C13
1C961	JUPITER	9C1C	63 C7 C6	8 42 C4.83	0 54 42	21 15				434C13
1C962	MAUI,HA	9C12	63 C7 C6	14 19 42.13	23 42 30	50 52				434C13
1C960	SHIRAZ	9C08	63 07 06	23 41 38.98	1 10 30	2C 12				434C13
10959	SFERNNDO	9004	63 C7 07	3 27 C3.11	1 12 C6	7 31				434C13
1C977	ORGNPASS	9C01	63 C7 07	1C 56 44.44	23 45 42	25 55				434C13
1C965	MAUI,HA	9C12	63 07 07	12 44 33.42	1 11 0C	18 CC				434C13
1C963	SFERNNDO	9004	63 C7 08	3 48 29.97	0 39 24	18 08				434C13
10964	JUPITER	9C10	63 C7 08	9 26 C3.19	22 58 54	55 49				434C13
1C966	MAUI,HA	9C12	63 C7 08	13 C6 49.41	0 58 18	37 57				434C13
1C970	SHIRAZ	9C08	63 07 09	C 25 15.62	23 3C 18	52 57				434C13
1C968	SFERNNDC	9004	63 C7 09	2 13 26.05	0 55 00	- 1 29				434C13
1C969	SFERNNDC	9004	63 C7 09	4 C5 4C.10	21 16 06	- 2 27				434C13
1C976	MAUI,HA	9C12	63 C7 C9	11 31 C9.48	0 58 24	6 09				434C13
10971	SFERNNDO	9C04	63 07 1C	2 35 49.08	1 01 06	11 01				434C13
10972	JUPITER	9010	63 07 1C	8 13 30.91	C 53 54	47 13				434C13
10974	MAUI,HA	9C12	63 C7 1C	11 54 C3.11	1 14 24	24 41				434C13
10975	MAUI,HA	9C12	63 07 1C	13 49 59.45	21 41 3C	66 47				434C13
1C973	SFERNNDO	9C04	63 07 11	2 58 01.79	1 03 54	25 42				434C13
10978	JUPITER	9C10	63 07 11	8 35 07.43	23 45 00	62 56				434C13
3C062	PITTSBGH	8559	63 07 11	8 35 16.23	23 24 51	2C 01				845C14
1C979	MAUI,HA	9C12	63 C7 11	12 15 49.13	1 04 30	41 25				434C13
10980	SFERNNDC	9004	63 07 12	3 20 04.96	0 59 30	41 28				434C13
1C981	JUPITER	9010	63 07 13	9 19 22.43	2C CC 0C	77 14				434C13
1C991	MAUI,HA	9C12	63 07 13	12 58 59.29	22 34 3C	73 35				434C13
1C985	SFERNNDO	9C04	63 07 14	2 C6 39.37	C 56 48	27 36				434C13
10986	SFERNNDC	9004	63 07 14	4 02 28.99	21 56 06	61 32				434C13
11015	CURACAO	9CC9	63 C7 14	7 4C 53.46	17 11 18	6C 5C				434C13
10982	JUPITER	9C10	63 C7 14	7 44 C5.21	0 41 06	65 37				434C13
30061	VANDUYS	8637	63 C7 14	11 31 21.05	2C 45 45	63 28				845C13
10988	SHIRAZ	9CC8	63 C7 14	2C 46 44.64	0 55 18	17 57				434C13
10989	SHIRAZ	9008	63 C7 14	22 43 14.44	0 59 0C	6C 33				434C13
1C983	SFERNNDO	9C04	63 C7 15	C 3C 28.56	C 07 48	1 15				434C13
10990	SHIRAZ	9CC8	63 C7 15	C 37 48.63	18 21 42	57 4C				434C13
10984	SFERNNDC	9004	63 07 15	2 28 33.90	0 58 00	42 3C				434C13
10987	NAINITAL	9CC6	63 C7 15	19 17 C2.53	1 3C 48	31 04				434C13
1C992	SFERNNDO	9C04	63 C7 16	C 53 42.22	0 45 42	17 21				434C13
10993	SFERNNDO	9C04	63 C7 16	2 50 23.56	0 49 06	57 03				434C13
1C994	JUPITER	9C10	63 C7 16	6 31 C7.19	1 15 0C	49 36				434C13
1C995	MAUI,HA	9C12	63 C7 16	12 C7 45.32	23 44 54	76 2C				434C13
11CC0	SHIRAZ	9C08	63 C7 16	21 3C 25.71	1 2C 36	44 49				434C13
30064	SLVRSPRN	8632	63 C7 17	6 5C 22.3			7 CC 0C	5C 36 0C		8453C3
10997	JUPITER	9C10	63 07 17	8 49 12.48	17 21 42	75 46				434C13
11093	SFERNNDO	9C04	63 C7 18	1 36 57.64	0 5C 12	42 34				434C13
11094	SFERNNDC	9004	63 07 18	3 33 42.45	22 21 12	76 31				434C13
10998	ORGNPASS	9001	63 07 18	7 10 37.45	0 26 48	26 39				434013
1C999	JUPITER	9010	63 C7 18	7 14 2C.34	0 31 3C	79 15				434C13
11CC3	SFERNNDO	9C04	63 C7 19	C C1 48.24	0 14 42	16 24				434C13
11004	SFERNNDC	9C04	63 C7 19	1 58 19.34	0 24 42	57 23				434C13
11005	SFERNNDC	9004	63 07 19	3 56 21.83	22 57 00	82 01				434C13
11CC1	ORGNPASS	9001	63 07 19	7 32 57.45	C 56 48	42 13				434C13
11CC2	ORGNPASS	9CC1	63 C7 19	9 28 49.71	2C 4C 0C	79 4C				434C13
11CC6	SFERNNDO	9C04	63 C7 2C	C 24 59.52	1 07 24	3C 42				434C13
11CC7	SFERNNDC	9C04	63 07 2C	4 15 C3.17	18 05 06	57 56				434C13
30063	SLVRSPRN	8632	63 C7 2C	5 56 27.6			7 CC 0C	48 15 CC		8453C3
11CC9	JUPITER	9C1C	63 C7 2C	6 C1 C8.94	1 17 24	64 31				434C13
11C13	MAUI,HA	9C12	63 C7 2C	11 37 42.45	18 22 00	86 34				434C13
11014	SHIRAZ	9C08	63 C7 2C	22 56 2C.28	16 42 00	8C 28				434C13
11CC8	SFERNNDO	9C04	63 C7 21	C 45 4C.83	C 52 36	42 02				434C13
11C12	JUPITER	9C1C	63 C7 21	6 22 43.18	1 29 0C	78 29				434C13

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
11016	MAUI,HA	9012	63 07 21	11 58 41.09	15 06 36	74 13				434013
11019	SHIRAZ	9008	63 07 21	21 22 01.51	1 46 00	72 01				434013
11017	SFERNNDO	9004	63 07 22	1 07 36.12	1 18 42	54 32				434013
30065	HARRSON	8572	63 07 22	6 42 07.3	19 03 10	38 58				845013
30069	SAN JOSE	8609	63 07 22	8 32 31.9	20 18 35	39 52				845013
30070	SAN JOSE	8609	63 07 22	8 32 41.1	20 29 10	41 33				845013
11018	NAINITAL	9006	63 07 22	19 50 21.62	23 44 00	86 04				434013
11022	V.DLORES	9011	63 07 22	23 02 33.57	2 27 00	-84 18				434023
11020	SFERNNDO	9004	63 07 22	23 31 52.25	0 02 30	27 42				434013
11021	SFERNNDO	9004	63 07 23	1 28 33.04	0 38 00	69 39				434013
11026	MAUI,HA	9012	63 07 23	10 45 38.54	15 08 00	86 35				434013
11023	ORGNPASS	9001	63 07 23	11 00 46.90	5 19 24	77 48				434013
11029	SHIRAZ	9008	63 07 23	22 04 15.56	15 11 18	80 18				434013
11024	NAINITAL	9006	63 07 23	22 13 48.59	6 24 12	78 14				434013
11025	SFERNNDO	9004	63 07 24	3 50 34.75	3 58 00	75 04				434013
30067	HARRSON	8572	63 07 24	5 29 58.8	21 13 20	40 29				845013
11027	ORGNPASS	9001	63 07 24	7 24 01.87	0 43 24	72 18				434013
11028	ORGNPASS	9001	63 07 24	9 22 09.36	10 23 00	88 08				434013
11031	MAUI,HA	9012	63 07 24	11 05 58.22	14 16 18	67 35				434013
11042	SHIRAZ	9008	63 07 24	20 29 51.35	1 24 00	73 12				434013
11032	SFERNNDO	9004	63 07 25	0 15 00.78	0 23 06	56 05				434013
11033	ORGNPASS	9001	63 07 25	7 45 07.87	20 34 00	85 47				434013
11034	WOOMERA	9003	63 07 25	9 07 09.41	18 53 36	-38 01				434023
11035	TOKYO	9005	63 07 25	15 14 57.00	23 01 54	79 01				434013
11040	OLFSFTN	9002	63 07 25	16 36 04.95	6 00 00	-81 47				434013
11041	OLFSFTN	9002	63 07 25	16 37 39.75	19 26 12	-54 20				434023
11036	TOKYO	9005	63 07 25	17 14 45.50	3 55 30	80 34				434013
11037	NAINITAL	9006	63 07 25	18 58 30.07	2 01 00	86 25				434013
11050	SHIRAZ	9008	63 07 25	22 51 08.19	7 03 30	81 18				434013
11045	SFERNNDO	9004	63 07 26	2 35 04.73	3 00 00	83 03				434013
11055	TOKYO	9005	63 07 26	13 40 37.30	0 12 36	47 53				434013
11043	OLFSFTN	9002	63 07 26	16 59 45.21	15 11 06	-14 49				434013
11051	SHIRAZ	9008	63 07 26	19 15 50.84	0 03 24	60 50				434013
11052	SHIRAZ	9008	63 07 26	21 12 43.28	12 44 00	83 13				434013
11046	SFERNNDO	9004	63 07 26	23 01 13.78	23 31 30	40 26				434013
11047	SFERNNDO	9004	63 07 27	2 58 00.76	3 33 54	77 26				434013
30068	KANCITY	0036	63 07 27	6 33 25.30	19 31 28	71 38				845013
11053	JUPITER	9010	63 07 27	8 39 37.38	5 35 00	69 22				434013
11044	WOOMERA	9003	63 07 27	9 51 16.65	13 46 54	34 37				434013
11056	SHIRAZ	9008	63 07 27	19 37 28.27	0 44 12	76 47				434013
11057	SHIRAZ	9008	63 07 27	21 35 47.24	9 13 54	83 17				434013
11059	V.DLORES	9011	63 07 27	22 55 23.88	11 05 00	- 2 29				434013
11048	SFERNNDO	9004	63 07 27	23 22 43.93	23 37 18	57 15				434013
11058	JUPITER	9010	63 07 28	4 59 16.42	13 02 00	79 35				434013
11070	TOKYO	9005	63 07 28	12 26 56.50	23 15 18	32 12				434013
11071	TOKYO	9005	63 07 28	14 22 31.90	20 27 00	81 48				434013
11062	MAUI,HA	9012	63 07 28	14 44 06.79	5 12 30	55 52				434013
11072	TOKYO	9005	63 07 28	16 23 02.30	4 00 00	76 21				434013
11073	TOKYO	9005	63 07 28	18 25 03.90	3 45 06	48 06				434013
11060	AREQUIPA	9007	63 07 28	23 20 29.95	18 09 18	- 7 44				434013
11068	MAUI,HA	9012	63 07 29	9 00 33.82	12 42 00	72 20				434013
11061	JUPITER	9010	63 07 29	9 26 13.16	4 21 48	53 48				434013
30077	N.ORLEAN	0230	63 07 29	12 44 29.3	21 11 18	39 30				845013
11086	TOKYO	9005	63 07 29	12 47 27.60	22 32 30	49 45				434013
11069	MAUI,HA	9012	63 07 29	15 03 06.71	2 51 00	74 17				434013
11067	NAINITAL	9006	63 07 29	16 29 59.81	21 40 48	64 00				434013
11087	TOKYO	9005	63 07 29	16 46 15.10	3 50 00	68 11				434013
11063	SFERNNDO	9004	63 07 29	22 07 37.26	21 11 42	35 48				434013
11074	AREQUIPA	9007	63 07 29	23 41 20.45	12 09 54	8 49				434013
11075	JUPITER	9010	63 07 30	1 48 45.92	21 47 24	23 48				434013
11064	SFERNNDO	9004	63 07 30	2 06 05.84	3 33 00	74 51				434013
11076	JUPITER	9010	63 07 30	3 44 42.58	14 04 00	75 51				434013
11065	SFERNNDO	9004	63 07 30	4 06 58.43	2 42 54	50 05				434013
11080	MAUI,HA	9012	63 07 30	13 27 19.31	5 22 30	68 00				434013
11077	SHIRAZ	9008	63 07 30	18 43 49.46	15 34 00	79 00				434013
11082	SFERNNDO	9004	63 07 30	22 28 58.04	19 29 36	59 06				434013
11078	SHIRAZ	9008	63 07 30	22 45 43.70	4 39 48	67 22				434013
11083	SFERNNDO	9004	63 07 31	0 28 36.31	3 06 00	83 11				434013
11079	SHIRAZ	9008	63 07 31	0 44 26.82	1 45 30	60 55				434013
11088	JUPITER	9010	63 07 31	2 08 44.04	19 15 18	40 56				434013
11084	SFERNNDO	9004	63 07 31	2 29 09.39	3 14 36	66 48				434013
30072	LANSING	8634	63 07 31	4 03 23.2	17 57 10	66 12				845013
11085	SFERNNDO	9004	63 07 31	4 24 33.03	21 10 48	60 39				434013
11091	MAUI,HA	9012	63 07 31	7 45 23.25	13 07 30	54 03				434013
11081	ORGNPASS	9001	63 07 31	10 02 11.18	3 21 00	64 00				434013
11092	MAUI,HA	9012	63 07 31	13 51 07.95	4 37 24	58 52				434013
11099	SHIRAZ	9008	63 07 31	17 08 03.78	19 57 36	32 29				434013
11089	SFERNNDO	9004	63 07 31	20 53 03.10	19 46 36	- 1 25				434013
11090	SFERNNDO	9004	63 08 01	0 51 54.63	3 27 48	73 01				434013
11102	MAUI,HA	9012	63 08 01	6 10 26.46	18 52 48	13 40				434013
11095	ORGNPASS	9001	63 08 01	6 23 14.21	10 50 00	81 56				434013

OBS NO	STATICN	STA NC	DATE	TIME	R. A.	CECL.	AZIMUTH	ALTITLCE	RANGE	INCEX
11103	MAUI,HA	9012	63 08 01	8 08 24.21	11 49 00	65 58				434C13
11100	JUPITER	9010	63 08 01	8 33 23.96	3 45 30	56 26				434C13
30083	MANHATTN	8627	63 08 01	11 51 25.8	17 16 54	4 38				845C13
11101	SHIRAZ	9008	63 08 01	17 29 22.01	16 31 36	59 09				434C13
11096	SFERNNDO	9004	63 08 01	21 15 05.82	19 25 06	27 31				434C13
11097	SFERNNDC	9004	63 08 01	23 13 25.57	15 11 00	84 37				434C13
11098	SFERNNDO	9004	63 08 02	1 13 41.25	3 27 48	77 07				434C13
11115	JUPITER	9C10	63 08 02	2 52 20.62	12 45 00	65 11				434C13
11104	ORGNPASS	9001	63 08 02	6 46 08.34	7 49 24	81 24				434C13
11116	JUPITER	9010	63 08 02	6 55 12.04	4 43 12	67 10				434C13
11117	JUPITER	9C10	63 08 02	8 56 52.39	3 10 42	42 00				434013
11123	MAUI,HA	9012	63 08 02	14 36 54.25	3 01 30	41 28				434C13
11106	SFERNNDO	9004	63 08 02	21 38 09.80	21 23 54	62 02				434C13
11121	JUPITER	9010	63 C8 03	1 16 37.66	17 30 36	31 55				434C13
11107	SFERNNDO	9CC4	63 08 03	1 37 00.56	2 55 00	66 03				434C13
30073	LANSING	8634	63 08 03	3 11 48.5	17 19 15	69 52				845C13
11108	SFERNNDO	9004	63 08 03	3 36 56.03	1 25 42	39 33				434C13
11118	JUPITER	9010	63 08 03	9 18 48.50	2 05 36	34 18				434C13
11105	ORGNPASS	9C01	63 C8 03	11 10 11.61	1 06 30	25 56				434C13
11124	MAUI,HA	9012	63 08 03	12 59 36.52	4 09 0C	52 53				434C13
11125	MAUI,HA	9012	63 08 03	14 59 12.78	1 56 54	28 42				434C13
11112	SHIRAZ	9008	63 08 03	16 17 17.59	20 42 24	38 14				434C13
11109	SFERNNDO	9C04	63 08 03	21 59 53.66	20 44 30	81 35				434C13
11113	SHIRAZ	9C08	63 08 03	22 16 43.68	3 34 48	58 41				434C13
11114	SHIRAZ	9008	63 08 04	0 16 37.76	1 35 54	31 26				434C13
11119	JUPITER	9C10	63 08 04	1 38 47.65	14 18 00	66 23				434C13
11110	SFERNNDO	9CC4	63 C8 04	1 59 41.23	2 20 54	59 12				434C13
11111	SFERNNDO	9004	63 08 04	3 59 09.12	0 40 06	25 50				434C13
11120	JUPITER	9010	63 08 04	9 40 54.90	1 03 42	20 01				434C13
11131	V.DLORES	9011	63 08 04	1C 02 44.10	5 31 18	14 58				434C13
11126	SHIRAZ	9C08	63 C8 04	16 38 0C.69	16 15 12	66 09				434C13
11127	ORGNPASS	9001	63 08 05	9 55 52.41	1 34 42	36 58				434C13
11151	TOKYO	9005	63 08 05	11 24 31.00	17 03 48	74 39				434C13
11128	SFERNNDO	9004	63 08 05	20 45 23.03	17 31 24	61 23				434C13
11129	SFERNNDO	9C04	63 08 05	22 44 17.28	6 37 00	83 51				434C13
11132	MAUI,HA	9012	63 08 06	12 06 55.79	3 38 18	54 32				434C13
11133	MAUI,HA	9012	63 08 06	14 07 11.96	1 34 00	24 36				434C13
11134	SFERNNDO	9004	63 08 06	21 07 34.28	14 48 24	80 29				434C13
11135	SFERNNDO	9004	63 08 06	23 07 24.47	3 39 48	75 42				434C13
11138	SHIRAZ	9008	63 08 06	23 24 37.63	1 13 12	27 36				434C13
11136	SFERNNDO	9004	63 08 07	1 07 31.83	1 57 48	58 36				434C13
30088	TULSA,OK	8654	63 C8 07	2 45 12.	17 14 24	52 36				845C13
11137	SFERNNDO	9004	63 08 07	3 06 45.02	0 02 48	25 20				434C13
11139	ORGNPASS	9001	63 08 07	8 40 53.64	1 50 54	49 51				434013
11140	ORGNPASS	9001	63 08 07	10 39 28.33	23 29 00	12 2C				434C13
11143	MAUI,HA	9012	63 08 07	12 30 00.55	2 58 06	45 53				434C13
11142	MAUI,HA	9012	63 08 07	14 29 25.00	0 31 42	7 42				434C13
11144	SFERNNDO	9004	63 08 07	21 29 50.36	10 05 12	82 25				434C13
11145	SFERNNDO	9004	63 08 07	23 29 13.69	4 10 00	79 10				434C13
11146	SFERNNDO	9CC4	63 08 08	1 30 22.25	1 21 30	46 4C				434C13
30089	TULSA,OK	8654	63 08 08	3 07 20.	16 20 00	70 42				845C13
11147	SFERNNDO	9004	63 08 08	3 28 47.39	23 18 18	10 36				434C13
11141	OLFSFTN	9002	63 08 08	3 51 30.69	2 12 54	15 37				434C13
11152	JUPITER	9010	63 08 08	7 11 17.65	1 53 42	48 11				434C13
11150	ORGNPASS	9001	63 08 08	9 03 36.56	1 04 36	35 49				434C13
11148	AREQUIPA	9007	63 08 08	9 26 28.11	3 45 00	6 41				434C13
11149	V.DLORES	9011	63 08 08	9 31 43.75	4 17 12	8 28				434C13
11153	MAUI,HA	9C12	63 08 08	12 52 39.87	2 08 12	35 40				434C13
11154	SFERNNDO	9004	63 08 08	21 52 07.39	8 14 00	80 11				434C13
11165	SHIRAZ	9008	63 08 08	22 10 07.81	1 41 06	38 18				434C13
11155	SFERNNDO	9C04	63 08 09	1 52 37.97	0 31 24	35 55				434C13
11157	ORGNPASS	9C01	63 08 09	3 25 14.11	9 26 36	73 39				434C13
30090	TULSA,OK	8654	63 08 09	3 29 26.	15 44 00	78 36				845013
11156	SFERNNDO	9004	63 08 09	3 50 45.93	22 43 42	- 1 50				434C13
11158	ORGNPASS	9001	63 08 09	7 25 42.23	2 14 24	61 22				434C13
11159	ORGNPASS	9C01	63 08 09	9 25 59.52	0 13 30	19 53				434C13
11160	ORGNPASS	9001	63 08 09	11 22 36.65	22 09 54	- 6 36				434C13
11170	MAUI,HA	9012	63 08 09	13 14 51.40	1 02 30	23 07				434C13
11171	MAUI,HA	9012	63 08 09	15 09 C1.68	21 40 18	5 43				434C13
11162	SFERNNDO	9004	63 C8 09	22 15 07.30	4 27 06	77 12				434C13
30082	CHARLOTT	0148	63 08 10	5 50 41.9	22 00 48	62 22				845C13
30091	TULSA,OK	8654	63 08 10	5 50 45.	22 07 00	61 54				845C13
11168	JUPITER	9010	63 08 10	9 52 11.58	21 47 12	- 5 58				434C13
11172	MAUI,HA	9012	63 08 10	13 37 08.11	0 00 06	5 18				434C13
11163	TOKYO	9005	63 08 10	15 17 16.30	0 42 18	47 08				434C13
11164	TOKYO	9005	63 08 10	17 16 20.90	22 54 24	2 10				434C13
11166	SHIRAZ	9008	63 08 10	20 55 08.85	1 59 30	49 12				434C13
11169	JUPITER	9C1C	63 C8 11	6 19 24.77	1 32 18	44 09				434C13
11175	AREQUIPA	9007	63 08 11	8 33 52.58	3 07 42	5 58				434C13
11190	SHIRAZ	9008	63 08 11	21 17 31.30	1 05 18	40 53				434C13
11161	OLFSFTN	9002	63 C8 12	3 17 50.22	23 57 12	17 10				434C13

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
11176	JUPITER	9010	63 08 12	4 41 42.73	2 47 00	59 32				434013
11177	JUPITER	9010	63 08 12	6 36 07.78	18 17 00	66 05				434013
11178	JUPITER	9010	63 08 12	8 44 17.39	23 44 36	-30 35				434023
11179	V.DLORES	9011	63 08 12	9 01 10.48	3 04 24	- 3 24				434013
11173	ORGNPASS	9001	63 08 12	10 35 31.45	23 16 12	-31 07				434023
11181	ORGNPASS	9001	63 08 13	2 55 26.10	8 21 54	65 59				434013
11174	OLFSFTN	9002	63 08 13	3 48 14.50	1 39 42	-45 30				434023
11184	SHIRAZ	9008	63 08 13	19 59 52.77	1 40 00	81 29				434013
11185	V.DLORES	9011	63 08 14	7 47 32.15	3 20 00	2 09				434013
11186	SFERNNDO	9004	63 08 14	22 08 15.34	2 13 36	69 41				434013
11187	SFERNNDO	9004	63 08 15	0 03 29.34	16 04 00	61 48				434013
11182	OLFSFTN	9002	63 08 15	0 31 52.64	2 31 12	20 57				434013
11183	OLFSFTN	9002	63 08 15	2 24 39.26	23 11 24	19 13				434013
11188	AREQUIPA	9007	63 08 15	8 07 35.52	3 30 30	-33 32				434023
11192	SFERNNDO	9004	63 08 15	20 31 32.05	3 56 18	72 21				434013
11189	OLFSFTN	9002	63 08 16	0 54 30.03	2 08 00	9 33				434013
30084	HARRSON	8572	63 08 16	4 08 34.4	21 04 00	61 37				845013
11207	AREQUIPA	9007	63 08 16	8 31 09.87	3 45 54	-54 56				434023
11200	WOOMERA	9003	63 08 16	17 46 52.28	1 52 30	10 08				434013
11203	SFERNNDO	9004	63 08 16	20 53 47.78	3 25 36	71 47				434013
11204	SFERNNDO	9004	63 08 16	22 50 07.52	13 56 24	75 52				434013
11194	OLFSFTN	9002	63 08 17	1 16 52.90	1 31 42	- 4 53				434013
30086	CHICAGO	8585	63 08 17	2 32 50.4	21 09 00	77 41				845013
11195	OLFSFTN	9002	63 08 17	3 09 38.33	22 21 12	- 5 13				434013
30085	HARRSON	8572	63 08 17	4 28 35.4	16 44 24	50 21				845013
11208	AREQUIPA	9007	63 08 17	8 52 18.30	2 01 06	-65 10				434023
11201	WOOMERA	9003	63 08 17	18 09 12.28	1 18 06	- 3 00				434013
11205	SFERNNDO	9004	63 08 17	21 15 58.76	2 44 06	72 39				434013
11206	SFERNNDO	9004	63 08 17	23 11 20.80	14 45 00	60 00				434013
11196	OLFSFTN	9002	63 08 18	1 38 52.41	0 35 48	-19 09				434013
11197	OLFSFTN	9002	63 08 18	3 44 45.42	4 49 00	-85 45				434023
11193	ORGNPASS	9001	63 08 18	4 47 56.66	2 59 12	77 32				434013
11210	V.DLORES	9011	63 08 18	7 21 20.89	4 18 06	-29 31				434023
11211	V.DLORES	9011	63 08 18	9 17 30.53	1 31 12	-60 09				434023
11212	SFERNNDO	9004	63 08 18	21 38 16.83	1 12 36	71 48				434013
11198	OLFSFTN	9002	63 08 19	0 08 14.23	3 44 30	-21 29				434013
11199	OLFSFTN	9002	63 08 19	2 01 15.78	23 45 00	-33 51				434023
30087	CHICAGO	8585	63 08 19	3 16 22.2	18 12 23	53 00				845013
11215	AREQUIPA	9007	63 08 19	9 35 32.77	22 19 36	-67 36				434023
11213	WOOMERA	9003	63 08 19	17 00 36.86	3 37 48	-20 21				434013
11214	WOOMERA	9003	63 08 19	18 52 37.42	23 26 42	-23 32				434023
11216	OLFSFTN	9002	63 08 20	2 22 47.80	22 42 12	-37 56				434023
11217	V.DLORES	9011	63 08 20	8 03 32.35	2 31 48	-52 38				434023
11220	SFERNNDO	9004	63 08 20	20 24 52.24	1 24 36	63 14				434013
11221	SFERNNDO	9004	63 08 20	22 20 00.21	14 24 18	63 54				434013
11218	OLFSFTN	9002	63 08 21	0 51 28.12	2 57 30	-48 40				434023
11219	OLFSFTN	9002	63 08 21	2 45 40.08	22 10 36	-47 18				434023
11225	WOOMERA	9003	63 08 21	17 42 54.94	2 13 24	-42 52				434023
11226	WOOMERA	9003	63 08 21	19 36 21.67	22 09 12	-34 55				434023
11227	SFERNNDO	9004	63 08 21	20 47 01.07	0 32 24	62 10				434013
11228	SFERNNDO	9004	63 08 21	22 41 38.18	15 14 12	47 02				434013
11222	OLFSFTN	9002	63 08 22	1 13 00.74	1 52 00	-61 12				434023
30092	CHICAGO	8585	63 08 22	2 24 28.2	17 19 05	53 48				845013
30095	INDNAPLS	8624	63 08 22	2 24 50.4	18 03 07	49 39				845013
11223	OLFSFTN	9002	63 08 22	3 05 23.67	21 31 30	-36 54				434023
11224	OLFSFTN	9002	63 08 22	3 18 01.08	10 28 00	-70 12				434023
11232	TOKYO	9005	63 08 22	11 46 23.80	14 57 00	84 37				434013
11230	WOOMERA	9003	63 08 22	18 04 32.82	1 09 42	-54 34				434023
11233	SFERNNDO	9004	63 08 22	21 08 13.75	23 03 00	75 09				434013
11229	OLFSFTN	9002	63 08 23	1 33 59.00	23 38 30	-64 42				434023
11234	V.DLORES	9011	63 08 23	7 14 56.11	5 23 12	-56 28				434023
11242	WOOMERA	9003	63 08 23	20 28 52.09	14 00 00	-89 38				434023
11245	SFERNNDO	9004	63 08 23	21 28 59.99	15 18 24	71 11				434013
11238	OLFSFTN	9002	63 08 24	1 54 45.85	21 54 30	-59 32				434023
11235	ORGNPASS	9001	63 08 24	3 05 28.79	0 48 54	60 30				434013
11236	ORGNPASS	9001	63 08 24	5 00 15.52	14 59 06	51 49				434013
11246	SFERNNDO	9004	63 08 24	21 50 02.40	14 40 42	47 09				434013
30096	KANCITY	8636	63 08 25	1 32 34.6	15 43 29	52 19				845013
11239	OLFSFTN	9002	63 08 25	2 16 04.78	21 08 24	-55 55				434023
11237	ORGNPASS	9001	63 08 25	3 26 45.64	0 00 18	72 37				434013
11248	V.DLORES	9011	63 08 25	9 50 23.88	21 36 24	-52 45				434023
11253	SHIRAZ	9008	63 08 25	16 33 58.51	0 13 06	56 26				434013
11243	WOOMERA	9003	63 08 25	17 15 16.92	3 56 06	-62 21				434023
11244	WOOMERA	9003	63 08 25	19 07 08.16	21 20 00	-46 53				434023
11240	OLFSFTN	9002	63 08 26	0 44 34.56	3 27 12	-75 36				434023
30098	BRYAN	8565	63 08 26	1 55 35.25	19 37 51	29 39				845013
30099	INDNAPLS	8624	63 08 26	1 55 46.0	18 29 54	15 16				845013
11254	JUPITER	9010	63 08 26	1 56 34.64	23 44 30	74 01				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
11241	OLFSFTN	9002	63 08 26	2 37 09.01	20 46 36	-51 06				434C23
11250	ORGNPASS	9C01	63 C8 26	3 47 28.53	14 45 48	77 29				434C13
3C100	TULSA,OK	8654	63 08 26	3 50 29.	17 33 18	- 4 3C				845C13
11249	V.DLORES	9011	63 08 26	8 20 17.70	6 44 0C	-80 18				434C23
11252	NAINITAL	9006	63 08 26	15 02 19.15	23 22 36	73 08				434C13
11251	SFERNNDO	9C04	63 C8 26	20 38 28.73	19 52 12	64 18				434C13
3C093	BRYAN	8565	63 C8 27	2 18 11.4	19 21 5C	- 0 01				845C13
30094	HARRSON	8572	63 08 27	2 18 19.9	19 28 43	- 0 02				845C13
30101	MANHATTN	8627	63 C8 27	11 38 39.9	18 55 06	53 06				845C13
11255	WOOMERA	9CC3	63 C8 27	17 56 20.99	22 40 00	-71 22				434C23
11261	SFERNNDO	9C04	63 C8 27	2C 59 24.71	15 56 48	47 0C				434C13
11262	JUPITER	9C10	63 08 28	2 39 02.71	15 32 30	49 59				434C13
11263	MAUI,HA	9012	63 C8 28	6 23 C8.85	0 1C CC	59 54				434C13
11257	V.DLORES	9011	63 C8 28	7 C6 49.60	6 27 54	-68 52				434C23
11258	V.DLORES	9011	63 08 28	9 C2 51.40	21 46 3C	-84 21				434C23
11259	WOOMERA	9003	63 08 28	16 25 16.39	5 18 12	-57 00				434C23
11265	SHIRAZ	9C08	63 C8 28	17 37 16.62	15 22 48	41 32				434C13
11260	WOOMERA	9C03	63 C8 28	18 17 26.85	21 13 54	-66 32				434C23
11267	JUPITER	9010	63 C8 29	3 00 20.04	15 17 24	27 34				434C13
11268	SHIRAZ	9008	63 08 29	16 04 11.63	22 31 48	51 27				434C13
11264	WOOMERA	9003	63 08 29	16 45 18.99	4 32 00	-69 53				434C23
11276	SFERNNDO	9004	63 C8 29	21 42 44.53	15 45 00	3 29				434C13
11272	MAUI,HA	9012	63 08 30	7 05 31.06	16 55 06	67 3C				434C13
11280	SHIRAZ	9008	63 C8 30	18 20 40.60	15 35 54	3 22				434C13
11277	SFERNNDO	9C04	63 C8 30	2C 09 1C.57	18 33 54	25 11				434C13
11278	SFERNNDO	9C04	63 08 30	22 05 03.09	16 C9 06	-1C 47				434C13
11283	MAUI,HA	9012	63 08 31	5 31 55.81	23 31 06	50 53				434C13
11270	TOKYO	9005	63 08 31	11 09 02.30	16 00 C0	6 47				434C13
11281	SHIRAZ	9008	63 C8 31	16 46 49.43	16 44 00	3C C7				434C13
11274	WOOMERA	9003	63 08 31	17 27 C8.33	22 37 00	-82 32				434C23
11279	SFERNNDO	9004	63 08 31	20 30 51.21	17 07 42	0 48				434C13
11284	MAUI,HA	9012	63 09 01	5 52 44.40	22 20 48	67 45				434C13
11271	V.DLORES	9011	63 C9 01	8 33 52.35	7 33 12	-84 48				434C23
11269	SFERNNDO	9004	63 C9 01	20 52 17.81	16 13 30	-11 09				434C13
11286	MAUI,HA	9012	63 09 02	6 14 20.85	18 C5 00	63 52				434C13
11282	V.DLORES	9C11	63 09 02	8 55 51.86	5 27 00	-85 24				434C23
11275	WOOMERA	9C03	63 C9 02	20 17 33.76	8 29 24	-49 4C				434C23
11301	SHIRAZ	9C08	63 C9 03	15 56 17.42	18 03 18	5 36				434C13
1129C	JUPITER	9010	63 09 04	1 19 15.61	16 2C 18	- 1 19				434C13
11291	SHIRAZ	9008	63 09 04	16 17 48.11	16 24 06	-12 36				434C13
11292	JUPITER	901C	63 09 05	1 41 37.84	16 C7 18	-21 28				434C13
11293	MAUI,HA	9012	63 09 05	7 20 28.40	15 38 42	-16 16				434C13
11302	SHIRAZ	9008	63 C9 05	16 40 17.30	16 15 24	-28 29				434C23
11303	MAUI,HA	9C12	63 C9 06	5 46 19.15	17 58 30	- 4 18				434C13
11294	ORGNPASS	9001	63 C9 07	2 19 02.83	15 05 48	-16 04				434C13
11298	WOOMERA	9003	63 09 07	16 05 41.58	5 47 00	-81 26				434C23
11299	WOOMERA	9003	63 09 08	16 26 C4.77	19 49 00	-86 33				434C23
11295	OLFSFTN	9C02	63 C9 08	17 51 29.09	20 37 48	31 05				434C13
11304	AREQUIPA	9007	63 C9 08	23 27 11.98	22 12 42	13 30				434C13
11305	AREQUIPA	9007	63 09 09	1 19 23.33	16 56 30	21 32				434C13
11306	V.DLORES	9C11	63 09 09	9 30 19.10	0 48 36	-53 12				434C23
11308	WOOMERA	9CC3	63 C9 09	10 43 39.56	20 14 48	30 34				434C13
11309	WOOMERA	9003	63 09 09	16 46 45.63	19 04 12	-77 01				434C23
11307	OLFSFTN	9002	63 09 09	18 13 48.49	19 49 48	16 11				434C13
11312	WOOMERA	9003	63 09 10	11 06 47.06	19 57 00	1C 19				434C13
11313	WOOMERA	9003	63 09 10	15 15 32.22	5 53 30	-65 23				434C23
11314	WOOMERA	9003	63 09 10	17 07 55.51	19 18 00	-70 3C				434C23
11311	OLFSFTN	9002	63 09 10	18 37 28.07	19 4C 36	-20 11				434C13
11315	CURACAO	9009	63 C9 11	0 03 C1.60	15 17 30	-3C 49				434C23
11321	MAUI,HA	9012	63 09 11	5 37 34.22	14 40 18	-3C 03				434C23
30102	SUMMYVAL	8578	63 09 11	9 31 56.1	20 32 34	- 1 36				845C13
11317	WOOMERA	9003	63 09 11	9 32 32.45	21 27 48	18 3C				434C13
11318	WOOMERA	9003	63 C9 11	9 37 15.28	22 55 54	- 7 53				434C13
11319	WOOMERA	9003	63 09 11	11 30 12.71	19 50 42	-20 55				434C13
11320	WOOMERA	9003	63 09 11	15 35 53.53	5 50 00	-75 51				434C23
11316	OLFSFTN	9002	63 09 11	19 C0 26.62	19 04 24	-47 25				434C23
11323	WOOMERA	9003	63 09 13	12 17 29.42	20 48 3C	-72 04				434C23
11326	V.DLORES	9011	63 C9 14	1 25 45.70	0 54 48	-66 17				434C23
11327	V.DLORES	9011	63 09 14	3 17 54.13	16 47 36	-51 23				434C23
11328	V.DLORES	9011	63 C9 14	5 24 C0.23	2 56 00	-83 50				434C23
11329	V.DLORES	9011	63 09 14	9 3C 33.81	4 08 18	24 02				434C13
11330	V.DLORES	9011	63 09 15	1 48 33.85	2 20 18	-70 07				434C23
11331	V.DLORES	9011	63 09 15	3 41 05.83	16 47 36	-59 40				434C23

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
11333	V.DLORES	9011	63 09 15	5 45 31.30	23 42 30	-81 43				434023
11324	WOOMERA	9003	63 09 15	13 03 50.26	2 37 30	-83 34				434023
11325	WOOMERA	9003	63 09 15	17 00 59.02	21 36 42	-71 30				434023
11335	V.DLORES	9011	63 09 16	2 11 22.92	3 31 30	-69 39				434023
11336	V.DLORES	9011	63 09 16	4 16 17.56	5 25 42	-42 23				434023
11336	WOOMERA	9003	63 09 16	13 25 46.53	4 02 00	-86 30				434023
11337	WOOMERA	9003	63 09 16	15 30 59.22	5 15 00	-51 42				434023
11338	WOOMERA	9003	63 09 16	17 23 16.08	22 21 30	-63 09				434023
11340	V.DLORES	9011	63 09 17	2 33 52.03	4 09 00	-68 55				434023
11341	WOOMERA	9003	63 09 17	15 54 17.84	5 03 12	-41 17				434023
11343	AREQUIPA	9007	63 09 18	0 43 41.26	14 12 36	-41 46				434023
11344	AREQUIPA	9007	63 09 18	0 51 00.33	4 28 00	-87 27				434023
11342	OLFSFTN	9002	63 09 18	1 17 29.11	23 29 48	-51 39				434023
11346	V.DLORES	9011	63 09 18	2 54 51.09	4 17 42	-76 13				434023
11347	V.DLORES	9011	63 09 18	6 54 45.37	1 38 24	-43 26				434023
11345	AREQUIPA	9007	63 09 18	6 54 58.91	3 59 48	-70 18				434023
11348	WOOMERA	9003	63 09 18	18 10 16.65	0 25 30	-30 27				434023
11353	V.DLORES	9011	63 09 19	1 14 30.38	17 36 00	-82 48				434023
11349	OLFSFTN	9002	63 09 19	1 40 41.87	0 02 36	-33 11				434023
11350	AREQUIPA	9007	63 09 19	7 18 42.31	3 27 00	-55 32				434023
11354	V.DLORES	9011	63 09 19	7 23 59.26	4 00 48	15 44				434013
11351	AREQUIPA	9007	63 09 19	7 24 09.85	5 27 00	-16 30				434013
11352	AREQUIPA	9007	63 09 19	9 19 24.22	1 41 12	2 32				434013
11355	WOOMERA	9003	63 09 19	14 30 04.74	17 27 30	-78 04				434023
11356	MAUI,HA	9012	63 09 19	15 06 50.76	6 04 18	-19 20				434013
11359	AREQUIPA	9007	63 09 19	23 31 35.44	14 25 06	-61 40				434023
11357	OLFSFTN	9002	63 09 20	0 11 52.05	4 37 36	-12 25				434013
11362	V.DLORES	9011	63 09 20	1 36 48.61	15 48 00	-84 53				434023
11358	OLFSFTN	9002	63 09 20	2 04 40.48	0 35 06	- 9 08				434013
11363	V.DLORES	9011	63 09 20	3 33 42.43	16 35 00	-68 12				434023
11364	V.DLORES	9011	63 09 20	7 45 53.91	3 14 36	26 24				434013
11360	AREQUIPA	9007	63 09 20	7 47 02.46	4 52 06	3 58				434013
11361	AREQUIPA	9007	63 09 20	9 40 56.22	1 02 30	11 36				434013
11365	ORGNPASS	9001	63 09 20	11 44 52.84	6 27 06	-24 23				434023
11382	MAUI,HA	9012	63 09 20	13 30 16.13	6 34 48	-32 17				434023
11368	WOOMERA	9003	63 09 20	14 51 00.39	17 47 24	-69 41				434023
11369	WOOMERA	9003	63 09 20	17 05 52.05	4 37 36	15 39				434013
11370	WOOMERA	9003	63 09 20	18 57 31.58	1 02 00	11 49				434013
11373	NAINITAL	9006	63 09 20	22 58 49.61	7 00 30	-16 13				434013
11375	AREQUIPA	9007	63 09 20	23 54 09.51	13 27 18	-65 37				434023
11367	OLFSFTN	9002	63 09 21	0 35 27.69	4 19 48	10 27				434013
11380	V.DLORES	9011	63 09 21	1 58 06.11	15 09 00	-78 43				434023
11381	V.DLORES	9011	63 09 21	3 55 09.35	17 01 00	-63 53				434023
11376	AREQUIPA	9007	63 09 21	8 09 56.20	4 12 06	26 33				434013
11378	CURACAO	9009	63 09 21	8 13 37.71	5 23 24	-23 10				434023
11383	MAUI,HA	9012	63 09 21	13 52 32.48	6 13 48	-25 08				434023
11374	NAINITAL	9006	63 09 21	23 19 13.79	5 33 36	-15 45				434013
11379	SHIRAZ	9008	63 09 22	1 11 57.72	5 30 00	-13 28				434013
11377	AREQUIPA	9007	63 09 22	8 31 34.96	2 57 30	37 16				434013
11371	WOOMERA	9003	63 09 22	9 38 04.95	16 39 06	-68 49				434023
11366	ORGNPASS	9001	63 09 22	10 30 31.37	6 14 48	-27 45				434023
11372	WOOMERA	9003	63 09 22	13 39 21.05	1 43 00	-85 20				434023
11384	MAUI,HA	9012	63 09 22	14 14 00.21	5 16 18	-18 47				434013
11385	OLFSFTN	9002	63 09 22	21 08 24.19	15 47 00	-83 52				434023
11390	NAINITAL	9006	63 09 22	21 44 59.55	6 48 36	-18 24				434013
11393	SHIRAZ	9008	63 09 22	23 36 17.30	6 19 30	-24 37				434023
11387	SFERNNDO	9004	63 09 23	5 16 12.21	3 51 24	-25 48				434023
11392	AREQUIPA	9007	63 09 23	8 53 10.99	1 50 18	42 23				434013
11386	CURACAO	9009	63 09 23	8 57 47.86	2 55 48	15 43				434013
11394	MAUI,HA	9012	63 09 23	12 38 03.29	6 00 42	-28 12				434023
11395	MAUI,HA	9012	63 09 23	14 35 18.75	3 50 12	- 8 09				434013
11406	TOKYO	9005	63 09 23	18 23 38.40	6 32 18	-15 09				434013
11407	SHIRAZ	9008	63 09 23	23 57 54.12	5 46 42	-19 11				434013
11388	SFERNNDO	9004	63 09 24	3 44 46.39	6 33 42	-16 39				434013
11400	CURACAO	9009	63 09 24	9 19 50.87	1 41 18	31 29				434013
11396	ORGNPASS	9001	63 09 24	11 14 20.11	5 09 36	-10 52				434013
11397	WOOMERA	9003	63 09 24	12 27 38.42	3 32 30	-62 45				434023
11402	MAUI,HA	9012	63 09 24	13 02 24.13	6 27 42	- 7 27				434013
11403	MAUI,HA	9012	63 09 24	14 57 39.59	2 44 00	15 21				434013
11401	CURACAO	9009	63 09 25	7 47 06.14	6 00 18	31 07				434013
11405	WOOMERA	9003	63 09 25	12 48 39.51	3 03 42	-68 49				434023
11408	MAUI,HA	9012	63 09 25	15 19 21.66	1 29 48	27 22				434013
11404	OLFSFTN	9002	63 09 25	20 17 50.18	3 46 18	-80 27				434023
11414	JUPITER	9010	63 09 26	8 08 54.95	6 22 30	1 27				434013
11409	ORGNPASS	9001	63 09 26	10 03 12.18	6 48 06	1 01				434013
11410	ORGNPASS	9001	63 09 26	11 58 11.51	3 06 30	25 17				434013
11412	WOOMERA	9003	63 09 26	13 09 19.11	1 18 00	-76 46				434023
11411	OLFSFTN	9002	63 09 26	20 38 37.65	22 04 00	-85 45				434023
11416	SHIRAZ	9008	63 09 26	23 07 29.30	6 09 42	- 3 00				434013
11413	NAINITAL	9006	63 09 26	23 10 53.43	3 00 48	27 16				434013
11417	SHIRAZ	9008	63 09 27	1 03 12.09	2 41 18	25 12				434013

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11415	SFERNNDO	9004	63 09 27	4 48 56.77	4 09 42	11 40				434013
11418	CURACAO	9009	63 09 27	8 29 55.07	2 19 30	58 58				434013
11421	MAUI,HA	9012	63 09 27	14 08 08.05	4 21 00	50 44				434013
11428	OLFSFTN	9002	63 09 27	20 58 35.36	17 53 00	-73 14				434C23
11422	NAINITAL	9006	63 09 27	21 37 43.55	6 33 18	16 24				434013
11424	SHIRAZ	9C08	63 09 27	23 30 22.56	6 33 30	18 39				434013
11425	SHIRAZ	9008	63 09 28	1 25 08.78	1 30 54	38 15				434C13
11432	SFERNNDO	9004	63 09 28	3 15 08.65	6 17 42	1 05				434C13
11433	SFERNNDO	9004	63 09 28	5 10 33.05	2 57 12	26 28				434C13
11426	ORGNPASS	9001	63 09 28	8 49 19.36	6 22 30	- 4 02				434013
11429	OLFSFTN	9002	63 09 28	19 27 36.64	3 07 12	-61 33				434C23
11423	NAINITAL	9006	63 09 28	21 59 31.42	6 18 48	36 49				434C13
11434	SFERNNDO	9C04	63 09 29	3 36 46.32	6 00 18	14 24				434C13
11427	ORGNPASS	9001	63 09 29	11 07 39.78	4 29 12	51 23				434013
11430	WOOMERA	9003	63 09 29	12 17 51.28	1 52 36	-64 31				434C23
11431	WOOMERA	9003	63 09 29	14 10 14.40	18 27 00	-51 24				434C23
11437	NAINITAL	9006	63 09 29	20 25 37.93	7 01 18	14 35				434013
11439	SHIRAZ	9008	63 09 30	0 12 44.23	3 54 12	51 52				434C13
11435	SFERNNDO	9004	63 09 30	2 02 42.02	6 32 54	2 29				434C13
11436	SFERNNDO	9C04	63 09 30	3 59 12.48	6 24 06	38 10				434C13
11441	ORGNPASS	9C01	63 09 30	9 33 48.62	6 59 06	24 28				434C13
11440	ORGNPASS	9001	63 09 30	11 28 56.39	2 12 18	58 48				434C13
11442	WOOMERA	9003	63 09 30	12 38 54.33	0 12 06	-67 22				434C23
11444	MAUI,HA	9012	63 09 30	15 11 26.14	23 36 00	47 03				434C13
11447	OLFSFTN	9C02	63 09 30	20 08 03.18	21 54 18	-78 12				434C23
11451	NAINITAL	9006	63 09 30	20 48 04.91	7 39 30	29 37				434C13
11452	NAINITAL	9006	63 09 30	22 42 28.33	2 52 00	69 37				434C13
11453	SHIRAZ	9C08	63 1C 01	0 34 32.73	2 00 18	64 03				434C13
11449	SFERNNDO	9004	63 10 01	2 24 56.60	6 58 06	14 45				434C13
11450	SFERNNDO	9004	63 10 01	4 20 07.85	4 37 48	53 03				434013
11445	ORGNPASS	9001	63 10 01	9 55 16.07	6 54 12	41 15				434C13
11446	ORGNPASS	9001	63 10 01	11 49 46.08	0 33 06	51 31				434C13
11448	WOOMERA	9003	63 10 01	12 58 50.71	20 40 18	-66 24				434C23
11457	SHIRAZ	9008	63 10 01	23 01 36.81	7 35 42	45 28				434C13
11455	WOOMERA	9003	63 10 02	13 20 01.81	19 51 36	-53 28				434C23
11465	TOKYO	9C05	63 1C 02	19 40 12.70	0 19 42	43 07				434C13
11466	SHIRAZ	9008	63 10 03	1 16 58.91	23 26 36	54 44				434C13
11456	SFERNNDO	9004	63 10 03	3 08 02.63	7 19 42	42 38				434C13
11467	ORGNPASS	9001	63 1C 03	10 38 00.88	4 54 00	75 32				434C13
11464	WOOMERA	9003	63 10 03	11 47 54.14	0 53 00	-50 45				434C23
11463	OLFSFTN	9002	63 10 03	19 17 53.80	0 44 00	-60 43				434023
11486	SHIRAZ	9008	63 10 03	23 44 06.39	6 55 48	78 27				434C13
11489	V.DLORES	9C11	63 10 04	0 48 55.71	20 04 30	-80 39				434C23
11488	V.DLORES	9011	63 10 04	2 44 31.93	18 06 18	-43 42				434C23
11477	SFERNNDO	9004	63 10 04	3 30 08.40	8 21 00	57 07				434C13
11478	SFERNNDO	9004	63 10 04	5 23 44.23	0 00 12	53 02				434C13
11468	ORGNPASS	9001	63 1C 04	10 58 52.67	0 31 42	73 09				434C13
11474	WOOMERA	9C03	63 10 04	12 08 39.65	23 16 36	-52 06				434C23
11475	WOOMERA	9003	63 10 04	14 01 05.60	18 51 00	-30 33				434C23
11471	OLFSFTN	9002	63 10 04	19 38 05.92	21 59 42	-63 59				434C23
11482	NAINITAL	90C6	63 10 04	22 12 37.25	0 57 30	84 09				434C13
11487	SHIRAZ	9008	63 1C 05	0 05 01.40	0 08 00	81 51				434C13
11479	SFERNNDO	9004	63 10 05	3 50 51.82	7 15 12	73 57				434C13
11469	ORGNPASS	9001	63 10 05	11 20 27.46	23 00 00	69 59				434C13
11492	MAUI,HA	9C12	63 1C 05	13 09 30.19	8 56 00	86 24				434C13
11472	OLFSFTN	9C02	63 10 05	18 06 29.15	1 41 12	-37 55				434C23
11473	OLFSFTN	9002	63 10 05	19 58 45.70	20 02 48	-53 23				434023
11483	NAINITAL	9006	63 10 05	22 33 47.88	22 13 00	75 38				434C13
11490	V.DLORES	9C11	63 1C 05	23 36 17.87	0 57 06	-68 18				434C23
11500	SHIRAZ	9008	63 10 06	0 26 09.28	22 20 48	72 51				434C13
11480	SFERNNDO	9004	63 10 06	4 12 09.04	4 26 18	84 47				434C13
11470	ORGNPASS	9001	63 10 06	9 46 57.48	8 26 00	70 48				434C13
11476	WOOMERA	9C03	63 1C 06	12 50 20.18	20 17 30	-33 21				434C23
11495	OLFSFTN	9002	63 10 06	18 27 49.49	1 03 12	-36 53				434C23
11496	OLFSFTN	9002	63 10 06	20 20 06.55	19 33 30	-38 09				434C23
11484	NAINITAL	9006	63 10 06	21 00 19.60	8 50 12	68 40				434013
11485	NAINITAL	9C06	63 1C 06	22 54 43.32	22 07 24	65 56				434C13
11501	V.DLORES	9011	63 10 06	23 57 44.52	23 27 00	-70 10				434C23
11502	V.DLORES	9011	63 10 07	1 53 23.62	18 36 36	-42 53				434C23
11481	SFERNNDO	9004	63 10 07	4 32 56.69	23 23 54	75 13				434013
11493	ORGNPASS	9001	63 1C 07	10 08 31.59	10 01 54	80 09				434C13
11494	ORGNPASS	9001	63 10 07	12 04 20.97	21 48 30	68 47				434C13
11497	OLFSFTN	9002	63 10 07	18 48 27.99	23 49 48	-38 47				434C23
11498	OLFSFTN	9C02	63 10 07	20 40 59.49	19 08 42	-26 04				434C23
11506	NAINITAL	9006	63 1C 07	21 22 15.06	10 37 30	74 02				434C13
11509	SHIRAZ	9008	63 10 07	23 13 56.53	10 11 48	81 47				434C13
11507	NAINITAL	9006	63 1C 07	23 17 26.59	21 07 24	70 14				434013
11499	SFERNNDO	9004	63 10 08	2 59 37.94	8 59 54	64 12				434C13
11504	WOOMERA	9C03	63 10 08	11 39 26.49	22 51 24	-23 03				434C23
11505	WOOMERA	9003	63 10 08	13 32 05.55	19 16 18	-12 53				434C13
11508	NAINITAL	9006	63 10 08	21 42 39.11	15 24 30	85 40				434C13

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
11515	SHIRAZ	9008	63 10 08	23 34 39.83	19 52 00	84 20				434C1[illegible]
11516	V.DLORES	9011	63 10 09	0 41 24.79	20 46 06	-50 10				434C23
11514	AREQUIPA	9007	63 10 09	0 42 58.04	0 33 30	-66 10				434C23
11517	V.DLORES	9011	63 10 09	2 36 23.53	18 41 12	-18 00				434C13
11512	SFERNNDO	9004	63 10 09	3 20 26.45	9 02 12	78 00				434C13
11513	SFERNNDO	9004	63 10 09	5 16 13.41	22 33 42	69 48				434C1[illegible]
11510	ORGNPASS	9001	63 10 09	10 50 08.94	21 26 00	75 05				434C1[illegible]
11511	WOOMERA	9003	63 10 09	12 00 32.13	21 36 36	-13 20				434C1[illegible]
11523	NAINITAL	9006	63 10 09	22 03 31.07	20 03 48	78 36				434C1[illegible]
11525	SHIRAZ	9008	63 10 09	23 55 47.71	20 39 24	76 06				434C13
11531	SFERNNDO	9004	63 10 10	3 41 58.09	11 09 30	84 00				434C13
11518	ORGNPASS	9001	63 10 10	9 16 33.93	9 39 12	72 52				434C1[illegible]
11520	WOOMERA	9003	63 10 10	10 29 42.14	0 24 48	- 1 20				434C1[illegible]
11519	ORGNPASS	9001	63 10 10	11 12 01.19	21 02 12	73 30				434C1
11521	WOOMERA	9003	63 10 10	12 22 21.53	20 57 00	0 43				434C[illegible]
11524	NAINITAL	9006	63 10 10	22 24 19.71	21 03 24	69 54				434C13
11522	SFERNNDO	9004	63 10 11	4 03 13.14	18 15 00	86 25				434C13
11527	WOOMERA	9003	63 10 11	10 48 09.51	23 00 24	- 8 31				434C13
11528	WOOMERA	9003	63 10 11	12 43 15.27	20 10 06	6 42				434C13
11547	TOKYO	9005	63 10 11	17 08 00.90	10 12 54	69 43				434C13
11535	NAINITAL	9006	63 10 11	20 51 59.28	11 10 30	70 51				434C[illegible]
11536	NAINITAL	9006	63 10 11	22 46 47.28	20 27 48	72 13				434[illegible]
11532	SFERNNDO	9004	63 10 12	4 24 28.00	21 10 00	80 54				434C
11529	WOOMERA	9003	63 10 12	13 04 45.11	19 49 36	13 09				434C1[illegible]
11565	TOKYO	9005	63 10 12	17 29 39.80	11 11 36	72 06				434C1[illegible]
11566	TOKYO	9005	63 10 12	19 25 48.80	20 52 00	81 32				434C1[illegible]
11537	NAINITAL	9006	63 10 12	21 13 11.02	12 32 24	75 18				434C[illegible]
11539	SHIRAZ	9008	63 10 12	23 05 05.38	13 36 12	79 48				434C[illegible]
11538	NAINITAL	9006	63 10 12	23 09 53.42	18 38 00	76 58				434[illegible]
11545	SFERNNDO	9004	63 10 13	2 50 54.77	10 26 12	66 38				434C[illegible]
11546	SFERNNDO	9004	63 10 13	4 46 09.05	21 50 00	79 08				434C[illegible]
11530	WOOMERA	9003	63 10 13	11 33 40.35	22 01 36	24 27				434C1[illegible]
11526	ORGNPASS	9001	63 10 13	12 16 16.75	22 48 18	62 15				434C[illegible]
11541	OLFSFTN	9002	63 10 13	19 03 26.36	21 25 42	20 10				434C[illegible]
11548	NAINITAL	9006	63 10 13	21 33 32.79	16 34 00	80 41				434[illegible]
11549	NAINITAL	9006	63 10 13	23 32 50.32	16 03 12	77 36				434[illegible]
11550	AREQUIPA	9007	63 10 14	0 34 12.13	21 16 42	-47 30				434[illegible]
11553	CURACAO	9009	63 10 14	0 40 15.30	23 24 24	-54 13				434[illegible]
11552	SHIRAZ	9008	63 10 14	1 25 11.05	16 50 00	79 12				434C1[illegible]
11551	AREQUIPA	9007	63 10 14	2 30 36.16	18 53 06	- 9 17				434[illegible]
11533	SFERNNDO	9004	63 10 14	3 11 42.05	11 05 42	76 42				434C[illegible]
11534	SFERNNDO	9004	63 10 14	5 08 30.04	22 30 12	84 26				434
11543	WOOMERA	9003	63 10 14	9 53 16.90	21 49 18	-19 56				434[illegible]
11544	WOOMERA	9003	63 10 14	11 54 57.83	21 10 06	30 02				434[illegible]
11542	OLFSFTN	9002	63 10 14	19 25 15.79	20 44 00	28 09				434C[illegible]
11560	V.DLORES	9011	63 10 15	0 55 24.01	19 28 36	7 13				434[illegible]
11559	CURACAO	9009	63 10 15	1 00 54.37	21 50 00	-53 25				434[illegible]
11558	AREQUIPA	9007	63 10 15	2 53 21.33	19 00 18	4 59				434
11554	SFERNNDO	9004	63 10 15	3 33 10.93	11 50 00	80 02				434[illegible]
11555	SFERNNDO	9004	63 10 15	5 30 29.99	2 35 00	82 40				434[illegible]
11563	ORGNPASS	9001	63 10 15	11 03 58.44	19 09 00	81 07				434[illegible]
11568	SHIRAZ	9008	63 10 16	0 09 40.83	18 07 00	79 32				434[illegible]
11567	AREQUIPA	9007	63 10 16	1 18 19.63	19 33 12	- 7 51				434[illegible]
11564	SFERNNDO	9004	63 10 16	3 54 58.15	11 41 30	80 40				434[illegible]
11569	ORGNPASS	9001	63 10 16	9 29 40.17	11 38 30	71 19				434[illegible]
11570	ORGNPASS	9001	63 10 16	11 26 12.52	19 00 00	84 52				434
11571	TOKYO	9005	63 10 16	18 55 40.80	9 43 30	87 01				434
11578	SHIRAZ	9008	63 10 16	22 34 59.38	12 01 48	73 41				434[illegible]
11576	AREQUIPA	9007	63 10 16	23 44 19.30	22 21 18	-19 21				434[illegible]
11579	SHIRAZ	9008	63 10 17	0 32 28.18	15 27 00	81 09				434C13
11577	AREQUIPA	9007	63 10 17	1 39 50.52	18 58 00	4 05				434013
11573	SFERNNDO	9004	63 10 17	4 16 27.46	9 55 00	85 01				434013
11602	MAUI,HA	9012	63 10 17	5 30 17.47	0 18 42	-30 49				434023
11572	ORGNPASS	9001	63 10 17	11 49 02.57	10 24 00	82 25				434013
11574	NAINITAL	9006	63 10 17	21 04 45.48	12 00 00	69 50				434013
11591	SHIRAZ	9008	63 10 17	22 57 10.60	12 07 12	71 12				434013
11575	NAINITAL	9006	63 10 17	23 01 44.65	15 14 30	84 42				434013
11580	V.DLORES	9011	63 10 18	0 02 12.80	18 48 48	8 54				434013
11590	AREQUIPA	9007	63 10 18	0 06 06.09	21 10 00	- 2 51				434013
11596	CURACAO	9009	63 10 18	0 10 29.05	22 23 06	-40 28				434023
11583	SFERNNDO	9004	63 10 18	4 38 05.93	5 33 12	81 48				434013
11603	MAUI,HA	9012	63 10 18	5 49 10.17	23 03 42	-39 45				434023
11581	ORGNPASS	9001	63 10 18	10 12 42.85	12 12 00	77 00				434013
11582	ORGNPASS	9001	63 10 18	12 10 56.25	6 47 12	74 12				434013
11586	NAINITAL	9006	63 10 18	21 26 26.53	12 10 12	71 12				434013
11592	SHIRAZ	9008	63 10 18	23 18 55.27	12 13 06	72 17				434013
11601	V.DLORES	9011	63 10 19	0 23 49.70	18 27 18	16 17				434013
11597	CURACAO	9009	63 10 19	0 31 59.26	21 10 06	-31 27				434023
11593	SHIRAZ	9008	63 10 19	1 16 24.57	6 22 12	84 34				434013
11604	MAUI,HA	9012	63 10 19	6 10 23.05	22 01 42	-35 46				434023
11587	NAINITAL	9006	63 10 19	13 42 45.75	23 49 30	-26 08				434023

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11588	NAINITAL	9006	63 10 19	21 47 49.77	12 16 36	76 00				434C13
11598	CURACAO	9009	63 10 19	23 03 21.85	0 31 18	- 3 24				434C13
11594	SHIRAZ	9008	63 10 19	23 40 40.13	11 55 30	74 16				434C13
11589	NAINITAL	9006	63 10 19	23 46 20.42	6 44 24	69 40				434C13
11599	CURACAO	9009	63 10 20	0 53 30.41	20 03 24	-18 05				434C13
11595	SHIRAZ	9008	63 10 20	1 38 38.88	5 38 48	67 23				434C13
11584	SFERNNDO	9004	63 10 20	3 26 14.26	10 01 54	52 12				434C13
11585	SFERNNDO	9004	63 10 20	5 21 07.68	3 35 00	49 42				434C13
11607	JUPITER	9010	63 10 20	9 03 30.53	13 23 00	83 08				434C13
11605	NAINITAL	9006	63 10 20	14 02 37.60	22 49 48	-28 43				434C23
11618	SHIRAZ	9008	63 10 20	15 54 44.89	22 35 42	-30 04				434C23
11608	SFERNNDO	9004	63 10 20	19 41 49.77	23 13 54	-25 23				434C23
11606	NAINITAL	9006	63 10 20	22 10 50.24	10 58 24	65 44				434C13
11611	CURACAO	9009	63 10 20	23 20 30.89	22 54 54	-19 45				434C13
11619	SHIRAZ	9008	63 10 21	0 02 59.79	10 47 36	70 32				434C13
11613	ORGNPASS	9001	63 10 21	3 10 08.04	21 36 00	-26 56				434C23
11609	SFERNNDO	9004	63 10 21	3 47 28.61	9 10 48	54 08				434C13
11614	ORGNPASS	9001	63 10 21	9 22 19.86	10 23 06	53 47				434C13
11612	ORGNPASS	9001	63 10 21	11 19 21.05	8 28 12	56 52				434C13
11624	SHIRAZ	9008	63 10 21	16 18 57.89	22 41 06	- 9 30				434C13
11620	SFERNNDO	9004	63 10 21	20 02 48.48	22 30 12	-22 05				434C13
11616	NAINITAL	9006	63 10 21	20 35 45.86	10 32 42	54 06				434C13
11621	SFERNNDO	9004	63 10 21	21 58 32.40	20 31 06	- 6 03				434C13
11617	NAINITAL	9006	63 10 21	22 32 13.44	9 27 00	70 10				434C13
11632	AREQUIPA	9007	63 10 21	23 38 03.48	20 53 18	34 34				434C13
11625	SHIRAZ	9008	63 10 22	0 25 05.93	9 18 42	65 30				434C13
11626	CURACAO	9009	63 10 22	1 38 36.60	19 04 36	16 16				434C13
11622	SFERNNDO	9004	63 10 22	2 13 17.74	9 38 06	39 43				434C13
11623	SFERNNDO	9004	63 10 22	4 09 08.80	8 01 42	45 49				434C13
11637	MAUI,HA	9012	63 10 22	5 20 57.75	22 45 54	-13 51				434C13
11636	JUPITER	9010	63 10 22	9 48 23.02	7 19 12	67 36				434C13
11630	NAINITAL	9006	63 10 22	14 45 41.57	21 11 36	-12 01				434C13
11638	MAUI,HA	9012	63 10 22	15 28 45.78	8 08 56	56 16				434C13
11648	SHIRAZ	9008	63 10 22	16 37 47.09	20 55 36	-13 15				434C13
11629	TOKYO	9005	63 10 22	17 13 26.40	9 30 36	43 21				434C13
11649	SHIRAZ	9008	63 10 22	22 50 00.01	10 20 36	53 30				434C13
11631	NAINITAL	9006	63 10 22	22 53 48.84	6 45 12	64 19				434C13
11647	AREQUIPA	9007	63 10 22	23 56 04.26	18 33 12	23 20				434C13
11633	CURACAO	9009	63 10 23	0 04 21.85	20 59 42	12 00				434C13
11639	ORGNPASS	9001	63 10 23	1 59 21.86	22 59 48	-15 34				434C13
11628	SFERNNDO	9004	63 10 23	2 35 36.24	9 33 06	30 25				434C13
11640	ORGNPASS	9001	63 10 23	3 52 52.64	20 03 48	- 9 15				434C13
11641	ORGNPASS	9001	63 10 23	12 01 14.11	3 52 54	25 46				434C13
11643	NAINITAL	9006	63 10 23	13 13 11.77	23 24 18	- 9 26				434C13
11644	NAINITAL	9006	63 10 23	15 05 51.28	20 00 18	- 7 52				434C13
11666	SHIRAZ	9008	63 10 23	16 59 09.38	20 05 54	- 3 09				434C13
11642	TOKYO	9005	63 10 23	17 36 01.50	9 13 42	26 56				434C13
11674	TOKYO	9005	63 10 23	19 30 52.60	4 42 18	7 45				434C13
11660	SFERNNDO	9004	63 10 23	20 44 59.21	20 51 54	- 8 55				434C13
11645	NAINITAL	9006	63 10 23	21 20 09.94	10 05 54	42 09				434C13
11667	SHIRAZ	9008	63 10 23	23 13 11.46	10 04 06	36 32				434C13
11646	NAINITAL	9006	63 10 23	23 16 05.51	5 50 12	33 46				434C13
11656	CURACAO	9009	63 10 24	0 25 46.53	19 46 06	23 24				434C13
11668	SHIRAZ	9008	63 10 24	1 08 15.02	5 06 12	32 40				434C13
11657	ORGNPASS	9001	63 10 24	2 20 44.34	22 19 24	- 7 55				434C13
11661	SFERNNDO	9004	63 10 24	2 57 04.78	9 11 12	25 20				434C13
11658	ORGNPASS	9001	63 10 24	4 16 05.17	19 50 36	7 36				434C13
11662	SFERNNDO	9004	63 10 24	4 51 56.31	5 09 48	10 29				434C13
11669	JUPITER	9010	63 10 24	8 35 35.11	9 47 18	48 37				434C13
11675	TOKYO	9005	63 10 24	11 45 33.90	20 03 18	3 45				434C13
11680	SHIRAZ	9008	63 10 24	15 26 31.14	22 29 36	- 3 15				434C13
11681	SHIRAZ	9008	63 10 24	17 21 34.72	19 38 36	11 09				434C13
11676	TOKYO	9005	63 10 24	17 57 06.40	8 14 18	21 51				434C13
11663	SFERNNDO	9004	63 10 24	19 12 27.82	22 54 54	- 7 57				434C13
11664	SFERNNDO	9004	63 10 24	21 07 19.00	20 25 18	4 29				434C13
11682	SHIRAZ	9008	63 10 24	23 34 37.23	9 26 42	32 34				434C13
11684	SHIRAZ	9008	63 10 25	1 29 17.84	3 49 30	11 00				434C13
11665	SFERNNDO	9004	63 10 25	3 19 00.43	8 43 48	12 09				434C13
11670	ORGNPASS	9001	63 10 25	4 37 28.81	19 21 36	14 02				434C13
11671	ORGNPASS	9001	63 10 25	10 50 50.72	8 17 42	0 57				434C13
11677	NAINITAL	9006	63 10 25	13 54 55.08	21 35 36	4 06				434C13
11689	MAUI,HA	9012	63 10 25	14 35 31.66	6 41 42	59 35				434C13
11685	SHIRAZ	9008	63 10 25	15 47 41.91	21 32 42	6 41				434C13
11678	NAINITAL	9006	63 10 25	15 51 22.08	19 18 18	22 12				434C13
11679	NAINITAL	9006	63 10 25	22 04 34.49	9 02 36	12 00				434C13
11686	SHIRAZ	9008	63 10 25	23 56 28.68	8 34 24	16 56				434C13
11690	MAUI,HA	9012	63 10 26	4 51 40.73	22 23 24	16 10				434C13
11673	ORGNPASS	9001	63 10 26	4 59 30.19	19 06 06	21 21				434C13
11688	JUPITER	9010	63 10 26	9 18 44.54	6 36 42	23 36				434C13
11672	ORGNPASS	9001	63 10 26	11 10 39.75	5 38 06	1 31				434C13
11691	MAUI,HA	9012	63 10 26	13 02 10.23	10 11 06	35 50				434C13
11692	MAUI,HA	9012	63 10 26	14 57 49.34	5 22 48	22 44				434C13
11699	SHIRAZ	9008	63 10 26	16 08 31.32	20 20 48	14 24				434C13
11706	SFERNNDO	9004	63 10 26	21 50 53.99	19 30 36	21 40				434C13
11702	JUPITER	9010	63 10 26	23 38 13.34	23 32 24	21 18				434C13

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11700	SHIRAZ	9008	63 10 27	0 17 58.50	7 10 48	- 2 44				434C13
11693	ORGNPASS	9001	63 10 27	1 29 25.70	22 35 18	4 22				434013
11701	JUPITER	9C10	63 1C 27	1 31 31.69	19 23 48	27 36				434C13
11694	ORGNPASS	9001	63 10 27	3 24 31.99	19 40 00	19 13				434013
11707	SFERNNDC	9004	63 10 27	4 02 12.67	7 02 06	-18 58				434013
11714	MAUI,HA	9C12	63 10 27	5 11 47.53	20 42 12	21 41				434C13
11687	CURACAO	9009	63 1C 27	7 47 26.54	10 11 54	49 15				434C13
11715	MAUI,HA	9012	63 10 27	13 24 10.02	9 41 48	25 13				434013
11697	NAINITAL	9006	63 10 27	14 37 56.87	19 44 06	26 40				434C13
11703	SHIRAZ	9008	63 10 27	16 30 53.09	19 44 42	29 38				434013
11695	SFERNNDO	9C04	63 10 27	20 16 25.87	20 40 12	20 14				434013
11730	SFERNNDO	9004	63 10 27	22 13 30.69	19 20 54	31 10				434013
11704	ORGNPASS	9001	63 10 28	1 50 47.01	21 51 30	16 05				434013
11705	ORGNPASS	9C01	63 10 28	3 46 41.69	19 11 54	29 28				434C13
11696	SFERNNDO	9C04	63 1C 28	4 23 41.78	6 00 42	-30 59				434C23
11713	JUPITER	9010	63 1C 28	10 02 01.39	4 13 30	-21 40				434C13
11710	NAINITAL	9006	63 10 28	13 03 23.59	21 55 12	17 12				434013
11716	SHIRAZ	9008	63 10 28	14 55 47.92	21 42 54	17 37				434013
11711	NAINITAL	9006	63 10 28	15 00 13.19	19 09 54	37 49				434C13
11708	SFERNNDO	9004	63 10 28	18 43 19.30	23 02 12	16 21				434013
11709	SFERNNDC	9004	63 10 28	20 37 05.23	19 40 18	23 25				434013
11712	NAINITAL	9006	63 10 28	23 08 10.45	4 37 24	-28 17				434C23
11722	JUPITER	9C1C	63 10 29	C 18 26.96	20 31 18	33 54				434C13
11717	SHIRAZ	9008	63 10 29	1 00 24.54	4 20 18	-27 07				434023
11718	ORGNPASS	9001	63 10 29	2 11 37.37	20 40 12	24 34				434C13
11719	ORGNPASS	9C01	63 1C 29	4 09 22.51	18 55 36	39 50				434C13
11723	NAINITAL	9006	63 1C 29	13 25 00.70	21 04 00	32 00				434013
11721	SHIRAZ	9008	63 10 29	15 17 55.57	21 06 06	35 22				434013
11724	NAINITAL	9006	63 10 29	15 22 27.12	18 41 24	45 07				434C13
11720	SFERNNDO	9004	63 10 29	2C 59 42.18	19 23 18	35 50				434C13
11729	JUPITER	9C10	63 10 30	0 40 05.95	19 28 18	43 31				434013
11726	ORGNPASS	9C01	63 10 30	2 33 24.48	19 51 18	36 16				434C13
11725	CURACAO	9009	63 10 30	8 53 30.50	5 42 00	-26 03				434C23
11727	TOKYO	9005	63 1C 30	10 04 19.60	20 53 12	40 17				434013
11728	NAINITAL	9C06	63 10 30	13 46 31.07	19 59 12	42 44				434C13
11732	SHIRAZ	9008	63 10 30	15 38 36.90	19 37 42	39 48				434013
11733	JUPITER	9010	63 10 31	1 02 28.25	18 47 24	53 11				434013
11734	MAUI,HA	9C12	63 1C 31	4 44 59.02	22 15 00	63 29				434013
11731	NAINITAL	9006	63 10 31	14 08 03.28	18 58 18	48 37				434013
11738	JUPITER	9010	63 10 31	23 31 10.48	0 28 24	57 49				434013
11740	MAUI,HA	9C12	63 11 01	5 02 26.50	18 13 36	48 34				434C13
11739	JUPITER	9C1C	63 11 01	23 47 12.76	19 12 18	49 40				434013
11735	ORGNPASS	9C01	63 11 02	1 41 36.50	20 14 06	49 31				434C13
11741	MAUI,HA	9012	63 11 02	5 25 33.25	17 41 30	60 04				434C13
11747	TOKYO	9005	63 11 02	9 10 17.90	2C 06 00	38 18				434013
11744	SHIRAZ	9008	63 11 02	14 46 35.87	19 54 12	51 45				434C13
11745	JUPITER	9C10	63 11 03	0 C9 18.45	18 19 54	57 28				434013
11746	MAUI,HA	9C12	63 11 03	5 47 45.13	17 02 06	62 47				434013
11742	NAINITAL	9CC6	63 11 C3	13 16 20.57	19 20 36	62 33				434C13
11749	SHIRAZ	9CC8	63 11 03	15 08 38.45	19 00 12	60 46				434013
11743	NAINITAL	9C06	63 11 03	15 14 50.80	17 38 12	63 03				434013
11750	ORGNPASS	9001	63 11 04	2 24 45.48	18 18 30	58 36				434013
11752	MAUI,HA	9C12	63 11 04	6 11 24.92	16 32 42	71 37				434C13
11748	AREQUIPA	9C07	63 11 04	8 48 37.59	6 21 42	-12 24				434013
11755	NAINITAL	9006	63 11 04	13 38 09.70	18 16 36	66 26				434013
11751	OLFSFTN	9C02	63 11 C5	1 42 31.09	11 08 36	- 5 57				434013
11753	ORGNPASS	9CC1	63 11 05	2 46 54.48	17 52 00	62 37				434013
11758	MAUI,HA	9012	63 11 05	4 37 45.08	1 21 30	82 17				434013
11754	ORGNPASS	9001	63 11 05	4 44 48.54	18 08 00	55 56				434013
11759	MAUI,HA	9012	63 11 05	6 34 25.34	15 59 12	75 50				434C13
11757	NAINITAL	9C06	63 11 05	15 58 51.58	17 39 36	64 23				434013
11761	ORGNPASS	9001	63 11 06	1 12 42.44	21 56 36	72 19				434C13
11756	OLFSFTN	9002	63 11 06	1 59 57.33	5 08 00	27 35				434013
11760	ORGNPASS	9C01	63 11 06	3 08 36.92	17 32 30	62 38				434013
11767	JUPITER	9C1C	63 11 06	23 38 09.24	17 01 48	65 18				434C13
11768	JUPITER	9010	63 11 07	1 38 59.61	16 44 00	72 53				434013
11769	MAUI,HA	9012	63 11 07	5 17 58.57	15 47 00	73 45				434013
11766	AREQUIPA	9CC7	63 11 07	7 58 31.97	10 22 00	-51 50				434C23
11764	SFERNNDO	9C04	63 11 07	18 26 10.45	0 20 54	68 30				434013
11765	SFERNNDC	9004	63 11 07	20 20 00.43	17 51 54	59 47				434013
11779	JUPITER	9010	63 11 08	0 01 51.07	16 42 48	76 49				434C13
11763	OLFSFTN	9C02	63 11 C8	C 48 46.99	9 18 30	6 15				434013
11780	JUPITER	9C1C	63 11 08	2 00 16.80	16 58 36	69 16				434C13
11776	AREQUIPA	9007	63 11 08	8 19 20.89	5 04 12	-77 50				434023
11774	TOKYO	9005	63 11 08	9 24 26.10	19 06 06	73 12				434C13
11775	NAINITAL	9C06	63 11 08	15 06 45.51	17 10 06	73 41				434C13
11778	SHIRAZ	9C08	63 11 08	16 58 36.37	17 11 06	69 12				434C13
11771	WOOMERA	9C03	63 11 08	17 39 56.50	8 07 30	21 31				434C13
11770	WOOMERA	9003	63 11 08	17 42 05.69	10 21 3C	- 4 00				434013
11772	SFERNNDO	9C04	63 11 08	18 45 09.C0	19 40 00	72 12				434C13

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11773	SFERNNDO	9004	63 11 08	20 41 47.32	17 55 12	59 50				434C13
11872	JUPITER	9010	63 11 09	0 24 43.61	16 02 00	81 47				434C13
11873	JUPITER	9010	63 11 09	2 22 16.01	17 23 00	68 59				434C13
11777	AREQUIPA	9007	63 11 09	8 39 23.01	1 31 30	-49 54				434C23
11782	NAINITAL	9006	63 11 09	13 30 13.87	16 48 00	81 21				434C13
11783	NAINITAL	9006	63 11 09	15 27 45.76	17 27 36	68 14				434C13
11781	OLFSFTN	9002	63 11 10	1 30 23.13	3 46 48	-29 17				434C23
11794	V.DLORES	9011	63 11 10	7 08 48.22	9 41 00	-12 49				434C13
11791	TOKYO	9005	63 11 10	10 07 32.80	17 59 18	71 35				434C13
11792	NAINITAL	9006	63 11 10	13 51 57.51	16 24 00	79 51				434C13
11793	NAINITAL	9006	63 11 10	15 49 13.41	17 56 00	64 50				434C13
11788	WOOMERA	9003	63 11 10	18 21 43.96	3 33 12	- 6 21				434C13
11789	WOOMERA	9003	63 11 10	18 25 25.15	12 34 42	-62 06				434C23
11790	SFERNNDO	9004	63 11 10	19 28 35.60	18 30 54	74 28				434C13
11784	ORGNPASS	9001	63 11 11	1 06 29.74	3 00 42	69 04				434C13
11786	OLFSFTN	9002	63 11 11	1 51 10.60	1 57 24	-28 43				434C23
11787	OLFSFTN	9002	63 11 11	1 53 49.09	0 00 00	-77 54				434C23
11785	ORGNPASS	9001	63 11 11	2 59 14.04	17 09 30	66 57				434C13
11797	MAUI,HA	9012	63 11 11	4 47 30.34	14 06 00	79 35				434C13
11798	MAUI,HA	9012	63 11 11	6 48 59.69	14 33 00	85 31				434C13
11796	NAINITAL	9006	63 11 11	14 13 26.92	16 33 48	76 57				434C13
11795	SFERNNDO	9004	63 11 11	19 49 40.22	18 00 00	69 50				434C13
11804	JUPITER	9010	63 11 11	23 31 16.67	15 00 00	84 20				434C13
11799	V.DLORES	9011	63 11 12	7 51 23.22	3 55 00	-79 16				434C23
11802	NAINITAL	9006	63 11 12	12 42 49.93	3 49 24	62 16				434C13
11803	NAINITAL	9006	63 11 12	14 35 16.18	17 08 36	75 34				434C13
11807	SHIRAZ	9008	63 11 12	16 28 17.19	17 32 12	77 06				434C13
11800	WOOMERA	9003	63 11 12	17 10 34.21	9 20 12	-28 48				434C23
11801	SFERNNDO	9004	63 11 12	20 11 10.65	18 09 54	66 45				434C13
11806	ORGNPASS	9001	63 11 13	1 46 05.44	17 39 00	82 45				434C13
11811	JUPITER	9010	63 11 13	1 51 07.68	17 37 00	71 32				434C13
11805	ORGNPASS	9001	63 11 13	3 42 28.42	18 01 36	61 36				434C13
11808	V.DLORES	9011	63 11 13	6 16 39.32	9 32 36	-19 27				434C13
11810	NAINITAL	9006	63 11 13	13 00 03.69	3 25 00	88 18				434C13
11813	SHIRAZ	9008	63 11 13	14 51 53.27	16 07 00	86 44				434C13
11809	WOOMERA	9003	63 11 13	17 31 40.43	7 49 06	-65 38				434C23
11819	JUPITER	9010	63 11 14	0 15 37.97	15 05 00	85 53				434C13
11820	JUPITER	9010	63 11 14	2 12 20.11	18 12 00	65 36				434C13
11821	MAUI,HA	9012	63 11 14	5 56 10.55	7 52 30	86 59				434C13
11817	NAINITAL	9006	63 11 14	13 22 00.53	1 42 00	88 25				434C13
11822	SHIRAZ	9008	63 11 14	15 13 37.09	16 40 00	84 58				434C13
11818	NAINITAL	9006	63 11 14	15 17 55.93	18 15 12	65 15				434C13
11823	SHIRAZ	9008	63 11 14	17 10 16.02	18 17 06	63 14				434C13
11814	WOOMERA	9003	63 11 14	17 51 30.20	1 46 48	-43 09				434C23
11815	WOOMERA	9003	63 11 14	17 54 20.28	15 09 06	-76 15				434C23
11824	ORGNPASS	9001	63 11 15	2 29 04.10	17 57 00	75 31				434C13
11825	ORGNPASS	9001	63 11 15	4 25 57.17	19 15 24	51 53				434C13
11837	MAUI,HA	9012	63 11 15	6 17 32.15	17 36 06	87 31				434C13
11835	SHIRAZ	9008	63 11 15	15 35 17.33	17 37 30	82 05				434C13
11829	WOOMERA	9003	63 11 15	18 11 46.90	1 00 54	-30 07				434C23
11830	WOOMERA	9003	63 11 15	18 14 30.37	23 02 12	-68 03				434C23
11826	ORGNPASS	9001	63 11 16	1 01 32.14	3 29 36	42 28				434C13
11836	SHIRAZ	9008	63 11 16	15 57 23.31	19 10 30	79 27				434C13
11831	WOOMERA	9003	63 11 16	16 39 28.85	8 56 42	-64 14				434C23
11833	SFERNNDO	9004	63 11 16	19 40 36.51	19 23 48	70 16				434C13
11827	ORGNPASS	9001	63 11 17	1 16 06.69	0 58 00	82 08				434C13
11838	MAUI,HA	9012	63 11 17	5 04 27.72	4 24 00	76 53				434C13
11839	MAUI,HA	9012	63 11 17	6 59 52.19	19 08 42	72 02				434C13
11846	TOKYO	9005	63 11 17	8 45 12.40	0 04 00	77 58				434C13
11847	TOKYO	9005	63 11 17	10 40 52.40	19 11 12	59 24				434C13
11834	NAINITAL	9006	63 11 17	14 26 33.99	19 41 00	74 30				434C13
11840	SHIRAZ	9008	63 11 17	16 18 49.11	19 23 12	72 04				434C13
11832	WOOMERA	9003	63 11 17	17 01 47.05	13 44 42	-75 13				434C23
11828	OLFSFTN	9002	63 11 18	0 29 21.74	23 10 18	-64 34				434C23
11842	ORGNPASS	9001	63 11 18	1 37 06.19	21 20 00	82 20				434C13
11843	ORGNPASS	9001	63 11 18	3 32 45.43	18 55 24	53 50				434C13
11841	V.DLORES	9011	63 11 18	6 06 41.59	9 26 48	-79 18				434C23
11848	SHIRAZ	9008	63 11 18	14 44 42.56	2 13 12	75 42				434C13
11844	SFERNNDO	9004	63 11 18	18 27 45.24	23 51 00	73 47				434C13
11845	SFERNNDO	9004	63 11 18	22 20 19.72	20 26 54	25 38				434C13
11866	JUPITER	9010	63 11 19	0 07 17.58	23 56 00	82 45				434C13
11861	MAUI,HA	9012	63 11 19	5 46 56.21	23 42 30	82 50				434C13
11852	NAINITAL	9006	63 11 19	13 13 42.29	1 07 12	76 04				434C13
11856	SHIRAZ	9008	63 11 19	15 05 37.72	23 54 12	78 55				434C13
11853	NAINITAL	9006	63 11 19	15 09 18.24	19 53 48	54 37				434C13
11857	SHIRAZ	9008	63 11 19	17 01 32.80	19 46 48	52 19				434C13
11849	SFERNNDO	9004	63 11 19	18 49 06.00	22 31 48	71 11				434C13
11850	SFERNNDO	9004	63 11 19	20 45 04.09	20 00 06	44 00				434C13
11851	SFERNNDO	9004	63 11 19	22 41 47.84	20 41 12	17 35				434C13
11862	MAUI,HA	9012	63 11 20	6 07 58.32	20 50 00	76 13				434C13

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
11858	V.DLORES	9011	63 11 20	6 48 05.36	23 16 42	-57 06				434023
11860	TOKYO	9005	63 11 20	9 50 20.80	21 52 36	61 36				434013
11863	SHIRAZ	9008	63 11 20	15 26 25.23	20 57 06	74 51				434013
11864	SHIRAZ	9008	63 11 20	17 22 37.02	19 50 00	41 24				434013
11859	SFERNNDO	9004	63 11 20	19 10 42.66	21 48 54	63 58				434013
11865	CURACAO	9009	63 11 21	0 55 05.81	21 39 12	71 04				434013
11867	V.DLORES	9011	63 11 21	5 14 53.46	11 03 30	-67 21				434023
11891	MAUI,HA	9012	63 11 21	6 29 36.81	20 34 48	65 37				434013
11868	WOOMERA	9003	63 11 21	16 28 12.34	23 26 24	-61 08				434023
11869	WOOMERA	9003	63 11 21	16 30 11.82	17 28 18	-78 53				434023
11870	SFERNNDO	9004	63 11 21	19 33 02.82	21 59 42	51 10				434013
11871	SFERNNDO	9004	63 11 21	21 28 29.56	20 31 48	22 09				434013
11874	CURACAO	9009	63 11 21	23 22 30.35	3 04 48	60 39				434013
11875	V.DLORES	9011	63 11 22	5 34 53.08	22 51 12	-80 02				434023
11892	MAUI,HA	9012	63 11 22	6 51 06.98	20 26 36	52 47				434013
11893	TOKYO	9005	63 11 22	10 33 52.80	21 24 12	35 27				434013
11882	NAINITAL	9006	63 11 22	14 17 22.50	20 40 12	54 48				434013
11883	NAINITAL	9006	63 11 22	16 14 32.57	20 39 48	19 12				434013
11880	WOOMERA	9003	63 11 22	16 50 54.40	20 54 12	-69 34				434023
11888	JUPITER	9010	63 11 22	23 37 47.11	0 46 00	65 29				434013
11877	ORGNPASS	9001	63 11 23	1 29 56.28	23 43 42	57 46				434013
11876	ORGNPASS	9001	63 11 23	3 26 12.30	20 56 00	29 13				434013
11894	TOKYO	9005	63 11 23	8 58 55.10	23 29 12	50 20				434013
11895	TOKYO	9005	63 11 23	10 54 55.40	20 57 48	23 54				434013
11884	NAINITAL	9006	63 11 23	12 45 19.29	1 24 30	48 36				434013
11885	NAINITAL	9006	63 11 23	14 40 05.58	21 09 36	37 45				434013
11886	NAINITAL	9006	63 11 23	16 38 29.84	21 21 06	1 42				434013
11881	SFERNNDO	9004	63 11 23	20 16 23.86	21 22 18	23 40				434013
11878	ORGNPASS	9001	63 11 24	1 51 33.71	22 45 00	48 08				434013
11879	ORGNPASS	9001	63 11 24	3 48 11.27	21 00 42	15 08				434013
11890	V.DLORES	9011	63 11 24	4 21 37.81	9 08 24	-70 36				434023
11887	NAINITAL	9006	63 11 24	13 05 33.37	23 49 12	52 17				434013
11896	SHIRAZ	9008	63 11 24	14 58 32.86	23 52 42	47 41				434013
11897	SHIRAZ	9008	63 11 24	16 54 43.15	21 08 00	18 46				434013
11898	NAINITAL	9006	63 11 26	15 48 07.90	21 34 18	-12 17				434013
11900	CURACAO	9009	63 11 26	23 13 54.42	1 00 36	43 58				434013
11907	MAUI,HA	9012	63 11 27	4 47 41.84	23 56 18	44 28				434013
11908	MAUI,HA	9012	63 11 27	6 46 32.00	21 48 36	0 00				434013
11904	NAINITAL	9006	63 11 27	14 10 52.63	21 36 24	9 04				434013
11905	SHIRAZ	9008	63 11 27	16 03 39.04	21 37 24	5 27				434013
11902	ORGNPASS	9001	63 11 28	1 20 05.78	21 53 24	30 05				434013
11903	ORGNPASS	9001	63 11 28	3 18 22.78	21 02 06	- 5 00				434013
11912	TOKYO	9005	63 11 28	8 48 43.50	21 42 06	23 45				434013
11909	SHIRAZ	9008	63 11 28	14 28 56.84	23 31 54	17 59				434013
11910	SHIRAZ	9008	63 11 28	16 24 45.19	21 04 06	- 3 04				434013
11906	CURACAO	9009	63 11 28	23 53 09.90	20 53 48	39 24				434013
11917	MAUI,HA	9012	63 11 29	5 31 10.84	21 56 12	14 09				434013
11915	SHIRAZ	9008	63 11 29	14 49 04.85	22 03 12	14 01				434013
11911	SFERNNDO	9004	63 11 29	18 30 23.46	21 01 06	15 49				434013
11916	CURACAO	9009	63 11 30	0 18 52.97	21 45 12	1 41				434013
11918	MAUI,HA	9012	63 11 30	5 53 09.42	21 22 42	- 2 20				434013
11913	NAINITAL	9006	63 11 30	13 17 13.53	21 06 18	7 58				434013
11919	MAUI,HA	9012	63 12 01	6 14 21.06	20 48 12	-10 16				434013
11914	NAINITAL	9006	63 12 01	13 38 55.96	20 41 12	- 4 09				434013
11920	CURACAO	9009	63 12 01	23 05 15.74	22 50 30	4 18				434013
11921	CURACAO	9009	63 12 02	23 25 18.41	21 16 42	0 02				434013
11922	ORGNPASS	9001	63 12 03	1 10 01.03	20 25 48	- 0 10				434013
11926	MAUI,HA	9012	63 12 03	4 59 18.48	20 48 00	- 2 22				434013
11927	ORGNPASS	9001	63 12 04	1 31 02.50	19 54 36	- 6 51				434013
11923	V.DLORES	9011	63 12 04	1 59 24.98	22 35 24	-39 28				434023
11924	V.DLORES	9011	63 12 04	3 59 53.73	20 19 30	-65 20				434023
11929	MAUI,HA	9012	63 12 04	5 20 40.35	20 14 36	-11 11				434013
11925	V.DLORES	9011	63 12 04	7 58 42.55	12 17 24	-71 47				434023
30105	SUMMYVAL	8578	63 12 04	9 19 16.1	0 44 43	-11 35				845013
11930	NAINITAL	9006	63 12 04	12 46 09.70	20 25 42	- 9 50				434013
11928	WOOMERA	9003	63 12 04	13 11 52.31	21 36 18	-20 19				434013
11931	V.DLORES	9011	63 12 05	0 21 41.30	23 42 42	- 6 27				434013
11932	V.DLORES	9011	63 12 05	2 21 23.46	21 47 06	-48 00				434023
11935	MAUI,HA	9012	63 12 05	5 41 16.54	19 44 12	-13 42				434013
11933	WOOMERA	9003	63 12 05	17 37 18.39	21 47 36	-76 17				434023
11934	WOOMERA	9003	63 12 05	17 39 58.43	13 29 48	-45 18				434023
11944	V.DLORES	9011	63 12 06	0 44 09.54	23 05 42	-28 08				434023
11945	V.DLORES	9011	63 12 06	2 43 36.73	21 06 24	-55 17				434023
11938	WOOMERA	9003	63 12 06	14 02 51.00	17 22 42	-74 03				434023
11946	V.DLORES	9011	63 12 07	1 06 01.98	22 10 00	-40 40				434023
11936	OLFSFTN	9002	63 12 07	1 33 08.75	12 42 24	-11 09				434013

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11947	V.DLORES	9C11	63 12 07	3 C7 19.97	19 13 36	-71 3C				434C23
11948	V.DLORES	9C11	63 12 07	7 05 46.10	10 54 42	-75 01				434C23
11937	WOOMERA	9C03	63 12 07	16 22 58.81	18 19 36	-75 4C				434C23
11949	V.DLORES	9011	63 12 08	1 27 43.61	21 20 48	-46 29				434C23
11939	WOOMERA	9CC3	63 12 08	12 41 47.68	2C 50 42	-35 17				434C23
11940	WOOMERA	9C03	63 12 08	16 43 55.37	22 14 36	-72 53				434C23
11941	WOOMERA	9003	63 12 08	16 47 44.52	12 31 18	-34 24				434C23
11942	WOOMERA	9C03	63 12 08	18 41 47.41	3 52 42	-11 48				434C13
11943	WOOMERA	9C03	63 12 08	18 43 17.51	5 26 CC	1C 39				434C13
11950	WOOMERA	9C03	63 12 09	13 C5 56.32	20 24 42	-52 41				434C23
11951	WOOMERA	9003	63 12 09	13 10 32.52	14 32 18	-75 39				434C23
11952	WOOMERA	9C03	63 12 09	15 C8 3C.15	16 28 36	-74 18				434C23
11953	MAUI,HA	9C12	63 12 C9	15 32 1C.C4	13 5C 12	-24 12				434C23
11954	MAUI,HA	9C12	63 12 1C	15 52 53.84	10 54 36	-16 51				434C13
11957	V.DLORES	9C11	63 12 11	C 34 29.46	20 55 48	-49 42				434C23
11958	V.DLORES	9C11	63 12 11	2 35 29.65	19 CC 42	-7C 17				434C23
11959	V.DLORES	9C11	63 12 11	4 35 46.81	15 40 00	-77 38				434C23
11956	JUPITER	9010	63 12 11	10 37 17.76	12 32 42	-21 28				434C13
11955	WOOMERA	9003	63 12 11	13 52 43.86	17 48 CC	-73 5C				434C23
11960	V.DLORES	9C11	63 12 12	C 56 38.59	20 17 C6	-56 01				434C23
11961	V.DLORES	9C11	63 12 12	2 58 25.82	16 54 3C	-75 57				434C23
11962	V.DLORES	9C11	63 12 12	4 57 03.38	19 33 0C	-83 21				434C23
11966	JUPITER	9C10	63 12 12	1C 58 46.51	10 13 00	18 36				434C13
11963	WOOMERA	9C03	63 12 12	14 17 C8.30	12 28 54	-63 53				434C23
11964	WOOMERA	9C03	63 12 12	16 12 36.86	0 33 24	-66 C9				434C23
11974	TOKYO	9005	63 12 12	2C 22 37.3C	13 15 06	4 15				434C13
11967	V.DLORES	9C11	63 12 13	1 19 15.92	19 38 42	-63 51				434C23
11965	SHIRAZ	9CC8	63 12 13	1 58 11.64	12 27 18	23 C1				434C13
11968	V.DLORES	9C11	63 12 13	3 20 14.86	16 58 CC	-77 13				434C23
11969	WOOMERA	9C03	63 12 13	12 39 43.43	12 33 48	-72 45				434C23
11982	MAUI,HA	9C12	63 12 13	15 C2 1C.48	14 18 18	33 23				434C13
11975	TOKYO	9CC5	63 12 13	2C 42 22.2C	8 56 C6	1 54				434C13
11978	V.DLORES	9C11	63 12 14	1 42 38.73	18 00 0C	-75 07				434C23
11977	SHIRAZ	9008	63 12 14	2 19 C1.53	7 56 42	43 57				434C13
11979	V.DLORES	9C11	63 12 14	3 42 38.80	14 46 CC	-8C C8				434C23
11970	WOOMERA	9CC3	63 12 14	14 59 13.38	12 C2 3C	-85 46				434C23
11983	MAUI,HA	9C12	63 12 14	15 23 53.98	15 0C 24	76 54				434C13
11976	TOKYO	9CC5	63 12 14	19 C8 35.60	13 24 42	-15 08				434C13
11980	V.DLORES	9C11	63 12 15	2 C4 42.33	17 27 48	-76 26				434C23
11981	V.DLORES	9C11	63 12 15	4 C3 14.26	21 19 0C	-77 28				434C23
11971	WOOMERA	9C03	63 12 15	11 25 23.32	10 3C 12	-7C 21				434C23
11973	WOOMERA	9C03	63 12 15	13 19 27.61	19 44 54	-65 41				434C23
11972	WOOMERA	9C03	63 12 15	13 24 56.49	11 01 54	-55 35				434C23
11984	MAUI,HA	9C12	63 12 15	15 44 42.23	4 08 54	71 56				434C13
11987	TOKYO	9C05	63 12 15	19 30 41.30	14 12 36	16 08				434C13
11990	WOOMERA	9C03	63 12 16	11 4C 14.81	19 24 12	-52 49				434C23
11986	ORGNPASS	9C01	63 12 16	12 23 C6.45	16 27 54	65 20				434C13
11991	WOOMERA	9C03	63 12 16	13 46 5C.93	10 34 54	-5C 26				434C23
11988	TOKYO	9005	63 12 16	19 52 18.80	15 01 42	52 04				434C13
11989	OLFSFTN	9CC2	63 12 16	21 14 37.21	14 44 12	-8C 05				434C23
11998	V.DLORES	9C11	63 12 17	C 48 14.64	18 39 CC	-7C 17				434C23
11999	V.DLORES	9C11	63 12 17	2 49 25.12	13 41 3C	-82 28				434C23
11994	WOOMERA	9CC3	63 12 17	12 03 06.84	19 18 3C	-59 42				434C23
11995	WOOMERA	9C03	63 12 17	12 C9 29.44	10 29 0C	-63 1C				434C23
11996	WOOMERA	9C03	63 12 17	14 C7 13.58	9 38 CC	-67 46				434C23
11992	OLFSFTN	9CC2	63 12 17	21 34 54.90	21 15 00	-75 21				434C23
11993	OLFSFTN	9CC2	63 12 17	21 36 50.21	11 28 0C	-84 17				434C23
11997	SHIRAZ	9CC8	63 12 18	1 49 14.C9	1 44 12	79 47				434C13
12CC3	V.DLORES	9C11	63 12 18	3 10 28.81	21 24 3C	-83 35				434C23
11200	WOOMERA	9003	63 12 18	12 25 16.35	19 32 00	-62 08				434C23
11201	WOOMERA	9003	63 12 18	12 31 56.25	10 03 30	-54 55				434C23
11202	WOOMERA	9003	63 12 18	14 27 15.27	1 5C 18	-72 39				434C23
12C08	V.DLORES	9C11	63 12 19	3 31 C8.7C	23 02 12	-66 03				434C23
12C04	WOOMERA	9CC3	63 12 19	1C 53 29.26	9 58 12	-72 20				434C23
12005	WOOMERA	9003	63 12 19	1C 55 09.83	9 16 00	-59 33				434C23
12006	WOOMERA	9CC3	63 12 19	12 54 44.75	9 36 48	-39 C1				434C23
12C07	WOOMERA	9CC3	63 12 19	14 47 48.64	C 48 42	-47 16				434C23
12009	WOOMERA	9C03	63 12 20	11 17 11.23	9 15 06	-55 41				434C23
12012	V.DLORES	9011	63 12 21	2 17 03.57	21 55 48	-82 42				434C23
12010	WOOMERA	9CC3	63 12 21	11 4C C4.87	9 C1 18	-42 44				434C23
12011	WOOMERA	9CC3	63 12 21	13 35 16.68	5 15 24	-65 37				434C23
12C15	V.DLORES	9011	63 12 22	C 4C C5.3C	15 57 48	-83 35				434C23
12016	V.DLORES	9C11	63 12 22	2 37 32.75	22 28 06	-64 57				434C23
12C14	WOOMERA	9CC3	63 12 22	12 C2 0C.47	8 45 42	-35 19				434C23
12C13	OLFSFTN	9CC2	63 12 22	19 32 C6.56	9 14 06	-43 4C				434C23
12020	TOKYO	9005	63 12 22	20 C4 C1.50	22 52 48	72 16				434C13
12017	WOOMERA	9CC3	63 12 23	12 23 27.91	8 15 06	-29 24				434C23

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12018	WOOMERA	9003	63 12 23	14 15 29.86	0 22 24	-29 31				434023
12023	V.DLORES	9011	63 12 24	1 24 31.12	4 12 00	-84 20				434023
12024	V.DLORES	9011	63 12 24	3 20 31.06	23 57 30	-34 39				434023
12022	WOOMERA	9003	63 12 25	11 09 33.46	7 58 48	-28 43				434023
12025	V.DLORES	9011	63 12 27	0 32 56.53	6 23 30	-63 10				434023
12026	V.DLORES	9011	63 12 27	2 27 16.58	23 31 00	-35 52				434023
12027	V.DLORES	9011	63 12 28	0 52 34.24	1 06 18	-71 42				434023
12028	V.DLORES	9011	63 12 28	2 49 24.93	0 08 54	-16 25				434013
12030	WOOMERA	9003	63 12 28	12 13 07.55	5 14 00	- 0 47				434013
12029	OLFSFTN	9002	63 12 28	19 42 24.75	3 50 18	-26 29				434023
12034	V.DLORES	9011	63 12 29	1 14 06.53	0 31 48	-53 26				434023
12035	TOKYO	9005	63 12 29	20 37 44.70	21 42 30	69 13				434013
12031	SFERNNDO	9004	63 12 30	5 59 03.16	20 27 12	62 55				434013
12032	SFERNNDO	9004	63 12 31	6 20 17.18	20 25 00	68 44				434013
12033	OLFSFTN	9002	63 12 31	18 51 20.25	5 03 18	5 27				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
11554	SFERNNDO	9C04	63 C7 01	3 01 34.06	21 24 54	41 10				434C13
11547	CURACAO	9C09	63 C7 01	4 48 39.23	21 58 3C	64 17				434C13
11548	CURACAO	9009	63 C7 01	6 50 C9.88	17 C1 3C	71 57				434C13
11550	JUPITER	9C1C	63 C7 01	6 51 58.54	22 51 3C	54 28				434C13
3C3C2	OHIO RES	8609	63 C7 01	8 41 1C.7	19 C9 39	2 00				845C13
11544	ORGNPASS	9001	63 07 01	8 47 38.80	21 C7 42	44 31				434C13
11551	JUPITER	9C1C	63 C7 01	8 55 38.80	22 12 48	66 1C				434C13
11549	CURACAO	9CC9	63 C7 C1	9 C1 36.81	1 51 54	74 58				434C13
11561	SHIRAZ	9C08	63 C7 01	2C 23 31.48	22 39 54	28 35				434C13
11562	SHIRAZ	9008	63 C7 01	22 25 52.41	22 25 42	55 38				434C13
11560	AREQUIPA	9007	63 C7 01	23 45 33.76	7 41 0C	-8C 51				434C23
11563	SHIRAZ	9C08	63 C7 02	C 28 C2.26	2C 17 3C	58 08				434C13
11555	SFERNNDC	9C04	62 C7 02	2 18 51.18	21 53 54	38 42				434C13
11556	JUPITER	9C10	63 C7 02	6 07 52.93	22 13 36	5C 25				434C13
11557	JUPITER	9C10	63 C7 02	8 1C 58.28	2C 57 54	66 24				434C13
11576	MAUI,HA	9C12	63 C7 02	11 58 59.03	2C 47 12	72 24				434C13
11577	MAUI,HA	9C12	63 C7 02	14 C5 C2.58	22 3C 12	74 48				434C13
11559	OLFSFTN	9C02	63 07 02	17 15 2C.88	1C 52 24	-17 04				434C13
11571	SHIRAZ	9008	63 C7 02	21 42 44.48	22 39 0C	51 15				434C13
11566	V.DLORES	9C11	63 C7 C2	23 C3 38.C7	11 C2 42	8 13				434C13
11578	SFERNNDO	9C04	63 C7 03	1 36 3C.85	22 31 54	34 28				434C13
11579	SFERNNDO	9C04	63 C7 03	3 36 32.37	19 45 48	41 58				434C13
11564	JUPITER	9C1C	63 C7 03	5 22 2C.16	2C 15 54	43 09				434C13
11572	CURACAO	9CC9	63 C7 03	5 24 47.02	19 51 24	79 17				434C13
11567	ORGNPASS	9C01	63 C7 03	7 22 CC.11	21 50 3C	34 12				434C13
11565	JUPITER	9C10	63 C7 03	7 27 15.35	20 52 3C	66 26				434C13
11573	CURACAO	9CC9	63 C7 C3	7 31 35.33	23 28 CC	81 45				434C13
3C294	SUMMYVAL	8578	63 C7 03	8 48 12.C	16 54 42	-59 18				845C23
11568	ORGNPASS	9C01	63 C7 03	9 24 38.12	2C 55 48	55 C7				434C13
11688	MAUI,HA	9C12	63 C7 03	13 21 21.C4	22 5C 48	75 3C				434C13
11570	TOKYO	9C05	63 C7 C3	15 C9 21.9C	21 52 CC	3C CC				434C13
11586	SHIRAZ	9C08	63 C7 03	2C 58 43.46	22 C4 36	47 13				434C13
11580	SFERNNDO	9004	63 C7 04	C 53 16.59	22 25 18	29 39				434C13
11581	SFERNNDO	9C04	63 C7 04	2 54 55.41	21 14 C6	45 4C				434C13
11574	CURACAO	9C09	63 C7 04	4 41 4C.98	21 12 24	77 C4				434C13
3C29C	PITTSBGH	8559	63 C7 04	6 56 55.36	1 54 36	11 58				845C14
3C293	PERIVALE	8637	63 C7 04	8 37 51.8	2C 34 15	4C 04				845C13
11584	JUPITER	9C1C	63 C7 04	8 50 32.4C	23 44 12	61 58				434C13
11575	CURACAO	9CC9	63 C7 C4	8 55 37.C8	1 44 12	7C 14				434C13
11569	WOOMERA	9CC3	63 C7 04	1C C3 19.06	1C 12 0E	21 04				434C13
11589	MAUI,HA	9C12	63 07 04	1C 32 59.86	22 22 18	64 06				434C13
3C292	HAPEVL	8517	63 C7 04	1C 41 34.7			36C CC CC	88 C9 36		6413C4
11590	MAUI,HA	9C12	63 C7 04	12 36 26.C7	2C 57 54	77 38				434C13
11591	MAUI,HA	9C12	63 C7 04	14 45 15.25	1 11 24	61 13				434C13
11587	SHIRAZ	9CC8	63 C7 04	20 15 55.69	22 19 12	4C 21				434C13
11588	SHIRAZ	9C08	63 C7 04	22 18 45.73	21 58 C6	62 C5				434C13
11585	AREQUIPA	9CC7	63 C7 04	23 4C 41.74	11 16 CC	-53 43				434C23
11582	SFERNNDO	9CC4	63 C7 05	2 11 34.C2	21 2C 36	44 42				434C13
11583	JUPITER	9C1C	63 C7 05	6 C1 27.4C	22 35 12	59 45				434C13
3C291	PITTSBGH	8559	63 C7 05	8 C9 23.22	C 24 08	22 54				845C14
11597	MAUI,HA	9C12	63 C7 05	9 49 4C.50	22 19 3C	58 13				434C13
11598	MAUI,HA	9C12	63 07 05	11 52 C7.67	19 53 0C	78 19				434C13
11596	V.DLORES	9011	63 07 05	22 57 35.72	1C 28 36	28 54				434C13
11593	SFERNNDO	9C04	63 C7 06	1 28 3C.63	21 43 3C	41 58				434C13
11594	SFERNNDO	9C04	63 C7 06	3 33 51.96	23 C6 36	39 0C				434C13
11592	ORGNPASS	9C01	63 C7 06	5 13 C8.22	21 36 CC	15 17				434C13
3C3C0	HARRSCN	8572	63 07 06	5 16 1C.2	19 55 34	13 27				845C13
11612	JUPITER	9010	63 C7 06	7 22 C9.05	23 C8 48	65 43				434C13
11595	CURACAO	9CC9	63 07 06	7 26 58.C4	1 41 3C	72 46				434C13
3C314	SUMMYVAL	8578	63 C7 06	8 43 59.2	16 28 39	21 34				845CC1
11613	JUPITER	9010	63 07 06	9 26 43.42	22 47 36	55 12				434C13
11614	MAUI,HA	9C12	63 07 06	11 08 42.98	2C 59 CC	78 17				434C13
11615	MAUI,HA	9C12	63 C7 C6	13 15 33.03	C C9 00	7C 45				434C13
116C0	SFERNNDO	9C04	63 C7 06	22 42 43.18	21 19 18	11 44				434C13
11606	SHIRAZ	9008	63 C7 06	22 57 C2.73	23 34 18	56 39				434C13
116C5	AREQUIPA	9007	63 C7 07	C 18 C4.50	11 C7 24	32 26				434C13
116C1	SFERNNDO	9004	63 C7 07	C 44 25.92	21 C9 12	38 47				434C13
116C2	SFERNNDO	9C04	63 07 07	2 47 35.86	2C 56 18	45 48				434C13
11607	CURACAO	9009	63 07 07	4 32 2C.37	14 11 12	75 14				434C13
11610	JUPITER	9C1C	63 C7 07	6 37 28.35	22 11 12	68 51				434C13
116C9	CURACAO	9C09	63 C7 07	6 41 35.87	1 04 48	78 22				434C13
11673	ORGNPASS	9001	63 C7 07	8 34 33.84	21 30 12	57 54				434C13
11611	JUPITER	901C	63 07 07	8 44 C8.71	C C1 12	53 25				434C13
116C8	CURACAO	9009	63 C7 07	8 50 4C.C1	2 C5 12	55 56				434C13
11626	MAUI,HA	9C12	63 C7 07	1C 24 48.55	2C 51 24	77 4C				434C13
11674	ORGNPASS	9C01	63 C7 07	1C 41 26.07	23 42 0C	38 55				434C13
11627	MAUI,HA	9012	63 C7 07	12 3C 57.67	23 46 3C	74 00				434C13
116C3	TOKYO	9005	63 C7 07	14 19 C5.9C	21 54 24	33 4C				434C13
11628	MAUI,HA	9C12	63 C7 07	14 39 39.64	1 24 24	45 38				434C13
116C4	NAINITAL	9C06	63 C7 07	18 1C 58.85	22 CC 0C	51 0C				434C13
11623	SHIRAZ	9008	63 07 07	2C C8 59.38	22 44 0C	49 0C				434C13
11624	SHIRAZ	9008	63 C7 07	22 12 11.51	22 44 CC	61 29				434C13
11621	AREQUIPA	9C07	63 C7 07	23 34 44.9C	1C 42 24	15 35				434C13
11616	SFERNNDO	9C04	63 C7 08	C C1 1C.82	21 17 CO	33 26				434C13
11625	SHIRAZ	9008	63 07 08	C 19 13.00	0 14 48	36 54				434C13

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11633	SFERNNDO	9C04	63 07 08	2 05 0C.87	21 59 48	44 41				434C13
11617	CURACAO	9C09	63 07 08	3 48 48.22	13 55 24	77 17				434C13
11634	SFERNNDO	9004	63 07 08	4 04 08.35	18 51 36	32 03				434C13
11619	JUPITER	9010	63 07 08	5 52 50.71	2C 56 06	71 10				434C13
11675	ORGNPASS	9C01	63 07 08	7 50 29.39	21 05 30	58 08				434C13
11620	JUPITER	9010	63 07 08	7 59 38.42	23 46 30	57 45				434013
30310	PITTSBGH	8559	63 07 08	8 04 11.49	0 55 32	9 33				845C14
11618	CURACAO	9009	63 07 08	8 06 12.01	2 03 48	58 03				434C13
11629	MAUI,HA	9C12	63 C7 08	9 40 49.96	20 28 06	76 30				434C13
30317	HAPEVL	8517	63 C7 08	9 50 13.4			360 0C 0C	88 C2 24		641304
11622	AREQUIPA	9007	63 07 08	10 19 57.64	3 56 30	39 56				434C13
11630	MAUI,HA	9C12	63 07 08	11 46 58.81	C 01 24	73 59				434013
11641	SHIRAZ	9C08	63 07 08	21 27 37.05	21 57 48	64 42				434C13
11638	SFERNNDO	9004	63 07 08	23 17 14.38	2C 45 42	26 50				434013
11642	SHIRAZ	9008	63 07 08	23 34 15.33	23 47 0C	44 26				434C13
11643	CURACAO	9009	63 07 09	0 58 54.89	13 2C 12	- 3 05				434C13
11639	SFERNNDO	9C04	63 07 09	1 20 27.29	21 09 18	46 27				434C13
11645	JUPITER	9C10	63 07 09	3 06 31.13	21 05 18	35 56				434013
11635	ORGNPASS	9001	63 07 09	5 01 20.33	18 13 00	11 50				434C13
303C4	HANWELL	8634	63 07 09	5 02 42.6	17 29 26	41 09				845C13
3C320	WLTHMSTO	8605	63 07 09	5 03 05.79	17 33 0C	4 35				845C13
30325	WLTHMSTO	8605	63 07 09	5 03 05.79	17 37 47	4 35				845043
30321	WLTHMSTO	8605	63 07 09	5 03 05.87	17 33 07	4 36				845C13
30326	WLTHMSTO	8605	63 07 09	5 03 C5.87	17 37 55	4 36				845C43
3C322	WLTHMSTO	8605	63 07 09	5 C3 05.98	17 33 06	4 35				845C13
3C327	WLTHMSTO	8605	63 07 09	5 03 05.98	17 37 54	4 36				845C43
30323	WLTHMSTO	8605	63 07 09	5 03 06.10	17 33 13	4 36				845C13
3C328	WLTHMSTO	8605	63 07 09	5 03 06.10	17 38 00	4 36				845C43
3C324	WLTHMSTO	8605	63 07 09	5 03 06.13	17 33 11	4 39				845C13
30329	WLTHMSTO	8605	63 07 09	5 C3 06.13	17 37 57	4 39				845C43
11646	JUPITER	9010	63 07 09	5 08 16.09	19 18 12	71 40				434013
303C9	HARRSON	8572	63 07 09	5 10 3C.6	21 18 01	24 34				845C13
11670	MAUI,HA	9C12	63 07 09	6 51 21.36	17 19 42	- 7 44				434C13
11636	ORGNPASS	9001	63 07 09	7 06 03.11	20 03 12	57 51				434C13
11637	ORGNPASS	9001	63 07 09	9 12 04.82	22 44 30	50 12				434C13
11647	JUPITER	9010	63 07 09	9 21 42.74	0 05 00	33 0C				434C13
11644	CURACAO	9C09	63 07 09	9 21 59.71	21 43 42	59 25				434C13
11671	MAUI,HA	9C12	63 07 09	11 C1 43.77	22 28 30	80 52				434C13
11672	MAUI,HA	9C12	63 07 09	13 09 53.26	0 58 00	56 52				434013
11659	SHIRAZ	9008	63 07 09	18 38 58.36	19 40 30	42 03				434C13
11660	SHIRAZ	9C08	63 07 09	22 50 17.29	23 55 06	46 14				434C13
11661	CURACAO	9009	63 07 10	0 17 C1.29	16 39 06	- 0 06				434013
11648	SFERNNDO	9004	63 07 10	0 36 30.46	20 51 54	45 29				434C13
11649	SFERNNDO	9C04	63 07 10	2 41 47.38	22 28 54	35 06				434013
30305	HANWELL	8634	63 07 10	4 18 30.85	16 36 41	21 53				845C13
11651	ORGNPASS	9C01	63 07 10	4 18 36.59	18 57 12	4 48				434C13
11663	MAUI,HA	9C12	63 07 10	6 07 42.00	17 13 36	-27 57				434C23
11652	ORGNPASS	9001	63 07 10	6 22 05.80	19 38 48	55 03				434C13
3C3C7	PITTSBGH	8559	63 C7 10	6 39 C5.85	1 05 13	5 58				845C14
11653	ORGNPASS	9C01	63 07 10	8 27 11.86	21 53 06	56 13				434013
11650	JUPITER	9010	63 07 10	8 36 36.63	23 40 12	42 11				434013
11662	CURACAO	9C09	63 C7 10	8 43 37.11	1 33 36	43 44				434C13
11654	ORGNPASS	9C01	63 07 10	10 33 23.36	23 08 06	27 08				434C13
11665	MAUI,HA	9012	63 C7 10	12 24 10.44	0 17 54	66 37				434013
11666	MAUI,HA	9012	63 07 10	14 31 30.58	0 30 42	34 21				434C13
11677	SHIRAZ	9008	63 07 1C	17 54 00.17	17 38 00	21 34				434C13
11678	SHIRAZ	9C08	63 07 10	20 01 02.70	22 56 54	54 56				434013
11679	SHIRAZ	9C08	63 07 10	22 04 48.04	23 01 12	56 10				434013
11655	SFERNNDO	9C04	63 07 10	23 52 21.55	20 16 36	43 20				434C13
11680	SHIRAZ	9C08	63 07 11	0 11 19.44	23 42 12	22 15				434C13
303C6	URMSTON	8604	63 07 11	1 35 24.1	17 15 55	-23 25				845C23
11681	JUPITER	9C10	63 C7 11	1 36 27.42	17 49 24	- 8 32				434013
11656	SFERNNDC	9004	63 07 11	1 56 13.00	21 01 30	43 29				434013
30303	HANWELL	8634	63 C7 11	3 35 27.85	17 27 45	1C 24				845C13
11667	ORGNPASS	9C01	63 C7 11	3 36 21.87	19 41 30	2 47				434C13
11682	JUPITER	9010	63 C7 11	3 39 35.99	16 32 42	63 53				434C13
11657	SFERNNDC	9004	63 07 11	4 00 58.82	21 49 24	17 06				434C13
11683	MAUI,HA	9C12	63 C7 11	7 27 30.68	15 14 42	55 45				434C13
11684	MAUI,HA	9C12	63 07 11	9 32 22.51	15 40 12	84 30				434C13
11668	ORGNPASS	9C01	63 07 11	9 48 08.78	22 26 42	36 54				434013
11669	AREQUIPA	9007	63 07 11	1C 12 43.54	3 30 24	28 39				434C13
11685	MAUI,HA	9012	63 C7 11	11 39 45.12	0 23 12	68 43				434013
11686	MAUI,HA	9C12	63 07 11	13 46 32.42	0 22 06	42 30				434C13
11700	SHIRAZ	9C08	63 07 11	17 10 47.50	18 08 00	7 52				434013
11701	SHIRAZ	9008	63 07 11	19 14 33.76	19 11 30	66 44				434013
11692	SFERNNDO	9C04	63 07 11	21 04 54.72	18 32 30	- 8 53				434C13
11702	SHIRAZ	9C08	63 C7 11	21 20 38.03	23 02 18	58 02				434C13
11703	SHIRAZ	9C08	63 07 11	23 26 42.66	23 35 18	29 04				434013
11687	CURACAO	9009	63 07 12	0 52 34.67	12 07 36	54 58				434013
11693	SFERNNDO	9C04	63 C7 12	1 13 15.97	21 58 16	41 19				434C13
30332	PUEBLA	C900	63 07 12	2 51 18.5	17 29 06	52 44				845C13
11694	SFERNNDO	9004	63 07 12	3 17 04.37	21 51 06	21 03				434013
11676	OLFSFTN	9002	63 07 12	3 51 18.18	5 28 30	5 27				434013
11689	ORGNPASS	9C01	63 C7 12	4 53 4C.54	17 45 48	38 28				434C13
11713	JUPITER	9C10	63 C7 12	5 01 00.09	21 08 42	76 03				434C13
3C315	HARRSON	8572	63 07 12	5 03 19.9	22 00 27	24 41				845C13
30316	HARRSON	8572	63 07 12	7 03 51.8	20 05 58	26 07				845C13
11714	JUPITER	9010	63 C7 12	7 C7 38.50	23 36 12	52 12				434C13

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11698	AREQUIPA	9007	63 07 12	9 27 23.78	3 09 24	33 46				434013
11716	MAUI,HA	9012	63 07 12	13 03 39.41	1 05 48	37 18				434013
11696	TOKYO	9005	63 07 12	14 45 38.20	20 59 00	49 47				434013
11704	SHIRAZ	9008	63 07 12	16 29 22.27	19 50 00	10 24				434013
11705	SHIRAZ	9008	63 07 12	18 30 23.69	18 14 18	63 01				434013
11706	SHIRAZ	9008	63 07 12	20 35 52.33	22 27 48	63 38				434013
50146	SN DIEGO	2715	63 07 12	22 23 42.6			200 15 36	25 23 24		637102
11723	SFERNNDO	9004	63 07 12	22 24 09.53	18 58 48	30 37				434013
50144	KONKO,J	2727	63 07 12	22 27 09.21			163 03 00	43 04 12		834302
11707	SHIRAZ	9008	63 07 12	22 41 54.16	23 22 36	36 34				434013
11710	CURACAO	9009	63 07 13	0 08 34.50	11 58 48	35 18				434013
11724	SFERNNDO	9004	63 07 13	0 28 48.86	21 27 42	44 22				434013
50148	KONKO,J	2727	63 07 13	0 29 07.94			206 06 36	48 35 24		834302
50149	KONKO,J	2727	63 07 13	0 35 06.73			132 49 48	34 04 48		834302
30313	CHTTNGA	0062	63 07 13	2 12 30.5			152 00 00	47 18 00		845303
11725	SFERNNDO	9004	63 07 13	2 33 09.19	21 56 54	24 42				434013
11691	OLFSFTN	9002	63 07 13	3 04 14.47	4 27 06	15 48				434013
30333	HANWELL	8634	63 07 13	4 11 18.6	16 40 50	57 15				845C13
30319	PITTSBGH	8559	63 07 13	6 28 18.06	0 18 48	3 01				845C14
11711	CURACAO	9009	63 07 13	6 29 20.70	1 30 54	54 28				434C13
11737	MAUI,HA	9012	63 07 13	8 03 48.00	12 44 42	77 43				434013
30339	HAPEVL	8517	63 07 13	8 13 40.7			360 00 00	87 28 48		641304
11712	CURACAO	9009	63 07 13	8 35 19.09	0 43 36	29 24				434C13
11738	MAUI,HA	9012	63 07 13	10 09 54.17	0 07 48	79 40				434013
30369	TROYRPI	0220	63 07 13	11 55 24.7	16 57 00	9 06				845C42
11697	TOKYO	9005	63 07 13	11 57 22.20	18 21 12	19 03				434C13
30370	TROYRPI	0220	63 07 13	13 59 26.8	18 51 00	59 18				845C42
11740	MAUI,HA	9012	63 07 13	14 23 09.66	23 45 36	15 43				434C13
11708	SHIRAZ	9008	63 07 13	19 51 09.37	21 38 30	69 18				434013
11940	SFERNNDO	9004	63 07 13	21 40 01.32	18 10 30	17 42				434013
11709	SHIRAZ	9008	63 07 13	21 57 03.71	23 07 42	44 08				434C13
11941	SFERNNDO	9004	63 07 13	23 43 54.73	20 09 48	48 46				434013
11726	SFERNNDO	9004	63 07 14	1 49 02.37	21 57 06	28 39				434013
30334	HANWELL	8634	63 07 14	3 26 29.2	14 29 40	30 35				845C43
11715	JUPITER	9010	63 07 14	3 32 26.75	19 14 48	79 26				434C13
11727	SFERNNDO	9004	63 07 14	3 53 30.19	22 01 18	- 1 49				434C13
11690	ORGNPASS	9001	63 07 14	5 29 32.24	18 12 00	64 16				434013
11734	MAUI,HA	9012	63 07 14	7 19 39.88	12 19 24	72 56				434C13
11808	CURACAO	9009	63 07 14	7 50 34.57	0 50 06	35 44				434C13
11735	MAUI,HA	9012	63 07 14	9 25 03.36	0 45 00	85 31				434C13
11699	AREQUIPA	9007	63 07 14	10 03 32.09	2 41 12	18 30				434C13
11736	MAUI,HA	9012	63 07 14	11 32 32.55	0 29 12	56 18				434013
11729	SHIRAZ	9008	63 07 14	17 02 11.42	16 37 54	38 35				434C13
11730	SHIRAZ	9008	63 07 14	19 06 44.67	20 55 54	72 31				434C13
11719	SFERNNDO	9004	63 07 14	20 56 14.31	17 52 00	3 50				434013
11731	SHIRAZ	9008	63 07 14	21 12 19.49	22 56 00	50 47				434C13
11720	SFERNNDO	9004	63 07 14	22 59 47.95	19 43 12	47 54				434C13
50151	SN DIEGO	2715	63 07 14	23 03 53.5			137 07 48	35 C4 48		6371C2
11732	SHIRAZ	9008	63 07 14	23 17 35.11	22 43 12	14 24				434C13
30335	EALING	8632	63 07 15	2 47 41.2			351 00 C0	37 27 00		845303
11721	SFERNNDO	9004	63 07 15	3 09 45.40	22 13 42	0 03				434C13
30338	HAPEVL	8517	63 07 15	4 41 23.7			180 00 00	39 11 00		641304
11733	JUPITER	9010	63 07 15	4 53 47.21	23 14 30	66 02				434C13
11718	CURACAO	9009	63 07 15	9 11 00.44	23 37 18	1 47				434C13
11717	AREQUIPA	9007	63 07 15	9 18 44.07	2 35 48	22 55				434C13
11728	NAINITAL	9006	63 07 15	16 25 18.92	19 45 48	74 23				434013
11744	SHIRAZ	9008	63 07 15	20 27 45.19	22 49 48	55 51				434C13
11745	SHIRAZ	9008	63 07 15	22 33 41.49	23 05 12	17 32				434C13
11746	CURACAO	9009	63 07 16	C 00 19.48	9 43 06	50 53				434013
11741	SFERNNDO	9004	63 07 16	0 19 48.52	21 03 48	40 47				434013
50170	KONKO,J	2727	63 07 16	0 20 03.89			209 32 24	41 31 48		834302
50164	VANNUYS	2737	63 07 16	0 24 04.42			131 29 24	35 CC 00		834309
50163	KONKO,J	2727	63 07 16	0 25 00.75			149 03 00	33 C6 00		834302
50165	VANNUYS	2737	63 07 16	0 27 59.55			119 27 36	18 34 48		834309
11749	JUPITER	9010	63 07 16	2 03 48.71	15 15 30	73 40				434C13
11742	SFERNNDO	9004	63 07 16	2 24 17.61	21 31 48	9 03				434C13
50192	BLFST'A	5095	63 07 16	3 58 38.0	15 59 42	15 42				637047
30350	WLTHMSTO	8605	63 07 16	4 03 31.28	17 00 33	32 29				845C13
30353	WLTHMSTO	8605	63 07 16	4 03 31.28	17 04 22	32 23				845C43
30351	WLTHMSTO	8605	63 07 16	4 03 31.45	17 00 38	32 32				845C13
30354	WLTHMSTO	8605	63 07 16	4 03 31.45	17 04 27	32 25				845C43
30355	WLTHMSTO	8605	63 07 16	4 03 32.16	17 05 36	32 29				845C43
11750	JUPITER	9C10	63 07 16	6 14 43.28	23 16 54	45 13				434C13
11747	CURACAO	9C09	63 07 16	6 20 28.93	0 50 12	48 14				434C13
30336	PITTSBGH	8559	63 07 16	6 20 46.96	0 15 54	- 9 25				845C14
11751	MAUI,HA	9012	63 07 16	7 55 33.54	9 39 42	79 47				434C13
11748	CURACAO	9009	63 07 16	8 24 15.98	22 49 48	21 27				434C13
11743	AREQUIPA	9007	63 07 16	8 33 56.53	2 29 00	26 11				434C13
11752	MAUI,HA	9012	63 07 16	10 01 49.34	0 20 18	73 35				434013
11779	SHIRAZ	9008	63 07 16	17 38 11.51	18 59 06	74 02				434C13
11780	SHIRAZ	9008	63 07 16	19 42 51.38	22 25 48	63 58				434C13
11753	SFERNNDO	9004	63 07 16	21 31 03.66	17 26 12	37 10				434C13
50175	SN DIEGO	2715	63 07 16	21 34 59.7			142 00 36	3C C6 36		637102
50172	VANNUYS	2737	63 07 16	21 38 27.95			97 58 48	16 C3 00		834309
50173	VANNUYS	2737	63 07 16	21 39 20.49			95 39 36	12 52 12		834309
11781	SHIRAZ	9008	63 07 16	21 48 31.27	22 48 06	27 49				434C13
11754	SFERNNDO	9004	63 07 16	23 34 53.80	19 55 54	48 39				434C13
11782	SHIRAZ	9008	63 07 16	23 52 27.19	21 50 18	- 7 47				434C13

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11761	JUPITER	9010	63 07 17	1 19 53.65	15 39 24	66 32				434013
11755	SFERNNDO	9004	63 07 17	1 39 21.85	21 02 00	16 56				434013
11756	SFERNNDO	9004	63 07 17	3 42 20.18	20 38 06	- 8 50				434013
11762	JUPITER	9010	63 07 17	5 29 19.50	22 51 42	57 30				434013
11777	MAUI,HA	9012	63 07 17	7 11 35.34	8 53 35	80 21				434013
11760	CURACAO	9009	63 07 17	7 41 57.40	0 09 36	15 28				434013
11757	AREQUIPA	9007	63 07 17	7 48 22.06	2 10 30	31 37				434013
11763	JUPITER	9010	63 07 17	9 35 47.63	20 33 42	- 6 37				434013
11758	V.DLORES	9011	63 07 17	10 00 27.12	3 07 48	5 59				434013
30364	INYOKN'A	0230	63 07 17	13 05 44.7	18 49 12	73 54				845013
30365	TROYRPI	0220	63 07 17	13 06 12.4	17 08 48	65 54				845042
11764	SFERNNDO	9004	63 07 17	20 47 05.19	17 09 00	24 30				434013
11770	SHIRAZ	9008	63 07 17	21 02 52.18	22 08 30	42 57				434013
50178	SN DIEGO	2715	63 07 17	22 50 16.3			210 12 00	33 13 12		637102
11765	SFERNNDO	9004	63 07 17	22 50 47.74	19 55 48	50 08				434013
11771	SHIRAZ	9008	63 07 17	23 08 22.58	22 05 04	- 5 07				434013
50180	SN DIEGO	2715	63 07 18	0 53 08.7			217 24 36	28 12 00		637102
11766	SFERNNDO	9004	63 07 18	0 55 23.64	21 19 42	20 01				434013
50181	SN DIEGO	2715	63 07 18	0 58 14.3			168 26 24	25 16 12		637102
11759	OLFSFTN	9002	63 07 18	1 20 10.56	2 20 36	28 13				434013
30342	HARRSON	8572	63 07 18	2 40 13.8	18 54 46	19 51				845013
11767	SFERNNDO	9004	63 07 18	2 59 34.21	21 16 54	-12 07				434013
50194	BLFST'A	5095	63 07 18	6 37 43.0	19 41 30	67 24				637047
11766	ORGNPASS	9001	63 07 18	6 41 23.39	21 33 24	50 26				434013
11775	JUPITER	9010	63 07 18	6 50 08.15	22 35 00	22 02				434013
11773	CURACAO	9009	63 07 18	6 57 24.66	0 26 42	20 38				434013
11774	CURACAO	9009	63 07 18	9 01 23.26	22 42 06	-17 42				434013
11767	AREQUIPA	9007	63 07 18	9 09 37.54	2 07 48	6 34				434013
11776	V.DLORES	9011	63 07 18	9 15 00.76	2 47 06	11 41				434013
30367	INYOKN'A	0230	63 07 18	12 20 57.4	15 14 12	72 54				845013
30368	TERRHAUT	8627	63 07 18	14 25 11.5	18 58 06	54 54				845013
11805	SHIRAZ	9008	63 07 18	20 18 31.07	22 28 48	46 30				434013
11786	SFERNNDO	9004	63 07 18	22 06 07.41	18 45 12	53 45				434013
11787	SFERNNDO	9004	63 07 19	0 10 32.66	20 57 30	27 56				434013
11806	SHIRAZ	9008	63 07 19	0 26 38.27	21 06 48	-22 26				434013
11788	SFERNNDO	9004	63 07 19	2 14 19.78	20 48 18	- 6 12				434013
11797	CURACAO	9009	63 07 19	6 12 47.35	0 39 12	24 38				434013
11802	MAUI,HA	9012	63 07 19	9 51 35.10	23 23 54	78 47				434013
11778	AREQUIPA	9007	63 07 19	10 20 43.81	22 14 42	12 20				434013
30386	TERRHAUT	8627	63 07 19	11 37 27.9	16 14 18	58 00				845013
11789	SFERNNDO	9004	63 07 19	21 21 21.99	16 53 48	53 09				434013
50184	SN DIEGO	2715	63 07 19	23 23 13.2			229 22 12	23 31 48		637102
11790	SFERNNDO	9004	63 07 19	23 23 35.38	16 41 54	45 30				434013
11798	JUPITER	9010	63 07 20	1 10 19.09	11 01 00	80 31				434013
11791	SFERNNDO	9004	63 07 20	3 35 15.29	21 23 24	-29 40				434023
11784	OLFSFTN	9002	63 07 20	3 59 23.96	1 29 54	-16 02				434013
11799	JUPITER	9010	63 07 20	7 30 21.74	0 01 00	-26 10				434023
11792	AREQUIPA	9007	63 07 20	7 38 20.36	1 42 06	21 10				434013
11803	MAUI,HA	9012	63 07 20	9 07 12.60	0 34 18	76 41				434013
11800	JUPITER	9010	63 07 20	9 29 29.81	21 23 42	-32 27				434023
11793	AREQUIPA	9007	63 07 20	9 42 53.41	0 49 24	-13 05				434013
11804	MAUI,HA	9012	63 07 20	13 22 48.59	23 42 00	-31 08				434023
11795	SHIRAZ	9008	63 07 20	16 44 23.24	20 38 00	81 42				434013
11796	SHIRAZ	9008	63 07 20	18 47 21.39	19 57 00	79 40				434013
30375	SUMMYVAL	8578	63 07 20	19 27 23.1	0 58 09	-19 20				845013
50187	SN DIEGO	2715	63 07 20	22 41 34.3			187 17 24	32 03 36		637102
11785	OLFSFTN	9002	63 07 21	1 02 45.44	23 55 18	44 13				434013
11783	ORGNPASS	9001	63 07 21	4 27 08.87	20 43 12	71 39				434013
11801	JUPITER	9010	63 07 21	4 30 33.87	13 25 06	61 34				434013
11810	ORGNPASS	9001	63 07 21	6 27 00.04	14 14 00	42 15				434013
11794	AREQUIPA	9007	63 07 21	6 54 07.63	1 48 12	20 43				434013
11809	MAUI,HA	9012	63 07 21	14 40 07.18	21 56 30	-42 09				434023
11815	SHIRAZ	9008	63 07 21	18 02 55.92	21 40 48	81 41				434013
11813	SFERNNDO	9004	63 07 21	23 56 33.39	15 57 54	25 21				434013
11811	ORGNPASS	9001	63 07 22	3 41 43.54	13 49 12	80 07				434013
30360	KANCITY	0036	63 07 22	3 43 56.8	15 33 55	37 06				845013
30359	HARRSON	8572	63 07 22	3 47 51.2	18 31 47	16 24				845013
11820	AREQUIPA	9007	63 07 22	8 15 08.93	2 05 18	-10 24				434013
11816	V.DLORES	9011	63 07 22	8 18 20.43	2 01 36	5 51				434013
11821	AREQUIPA	9007	63 07 22	10 14 41.03	22 57 24	-24 41				434023
11817	V.DLORES	9011	63 07 22	10 17 15.97	23 35 24	- 3 00				434013
11814	NAINITAL	9006	63 07 22	17 23 03.87	14 43 36	67 33				434013
11819	SFERNNDO	9004	63 07 22	23 10 54.88	13 58 54	27 10				434013
11812	OLFSFTN	9002	63 07 23	1 35 41.46	22 44 00	33 45				434013
11822	AREQUIPA	9007	63 07 23	7 31 40.45	2 32 36	-10 26				434013
11824	V.DLORES	9011	63 07 23	7 35 16.08	2 33 48	2 29				434013
11823	AREQUIPA	9007	63 07 23	9 32 51.00	0 41 54	-37 42				434023
11825	V.DLORES	9011	63 07 23	9 37 19.12	1 45 36	-18 54				434013
11828	NAINITAL	9006	63 07 23	14 36 20.16	4 54 00	85 48				434013
11829	NAINITAL	9006	63 07 23	16 37 55.17	12 16 36	66 55				434013
11827	WOOMERA	9003	63 07 23	17 08 47.67	0 58 48	26 46				434013
11826	OLFSFTN	9002	63 07 24	0 55 05.08	0 30 48	20 48				434013
30373	HAPEVL	8517	63 07 24	4 12 13.1			0 00 00	85 43 12		641304
11830	ORGNPASS	9001	63 07 24	4 15 26.17	16 58 00	79 50				434013
11834	V.DLORES	9011	63 07 24	6 50 16.44	2 25 30	4 50				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
11831	CURACAO	9009	63 07 24	8 43 52.61	22 46 12	-58 18				434023
11835	V.DLORES	9011	63 07 24	8 53 50.90	2 40 24	-19 29				434013
11846	SHIRAZ	9008	63 07 24	17 51 43.06	21 07 30	79 42				434013
11838	SFERNNDO	9004	63 07 24	21 43 31.33	15 23 42	50 19				434013
11836	OLFSFTN	9002	63 07 25	0 13 14.69	1 34 30	9 57				434013
11842	JUPITER	9010	63 07 25	1 33 33.40	4 29 54	81 01				434013
11837	OLFSFTN	9002	63 07 25	2 11 09.82	22 40 30	5 40				434013
11843	JUPITER	9010	63 07 25	3 34 29.98	12 15 30	58 13				434013
11855	V.DLORES	9011	63 07 25	6 03 13.68	1 47 06	12 45				434013
11856	V.DLORES	9011	63 07 25	8 07 07.60	2 04 42	-10 34				434013
11857	V.DLORES	9011	63 07 25	10 07 54.46	0 06 06	-27 05				434023
11841	WOOMERA	9003	63 07 25	17 41 57.43	0 37 06	13 02				434013
11851	SFERNNDO	9004	63 07 25	22 59 10.93	14 07 54	16 59				434013
11844	OLFSFTN	9002	63 07 26	1 28 00.05	23 46 24	1 08				434013
30371	HAPEVL	8517	63 07 26	4 45 06.4			180 00 00	88 50 00		641303
50198	BLFST*A	5095	63 07 26	4 46 19.0	18 32 30	73 12				637047
11858	V.DLORES	9011	63 07 26	7 23 33.81	2 41 24	-11 16				434013
11845	AREQUIPA	9007	63 07 26	9 22 22.95	1 26 48	-58 11				434023
11859	V.DLORES	9011	63 07 26	9 25 13.73	1 46 36	-34 28				434023
11864	TOKYO	9005	63 07 26	12 33 20.40	14 33 24	30 45				434013
11849	WOOMERA	9003	63 07 26	17 00 13.03	1 47 18	2 42				434013
11854	SHIRAZ	9008	63 07 26	18 22 25.79	12 43 42	52 51				434013
11847	OLFSFTN	9002	63 07 27	0 46 08.91	1 27 24	- 9 19				434013
11848	OLFSFTN	9002	63 07 27	2 43 18.82	21 47 18	-12 16				434013
11868	MAUI,HA	9012	63 07 27	7 58 03.45	7 25 54	86 08				434013
11853	AREQUIPA	9007	63 07 27	8 38 23.44	2 53 36	-54 08				434023
11866	SHIRAZ	9008	63 07 27	17 38 20.03	12 54 06	73 34				434013
11850	WOOMERA	9003	63 07 27	18 14 09.09	23 58 42	- 5 00				434013
11852	SFERNNDO	9004	63 07 27	21 30 48.36	14 43 54	33 48				434013
50197	SN DIEGO	2715	63 07 27	21 32 47.1			194 01 48	16 04 12		637102
11867	V.DLORES	9011	63 07 28	5 54 04.19	2 39 30	- 7 18				434013
11865	AREQUIPA	9007	63 07 28	7 53 15.53	3 11 30	-47 26				434023
11879	TOKYO	9005	63 07 28	13 04 17.50	14 05 24	8 17				434013
11862	WOOMERA	9003	63 07 28	17 31 47.97	1 32 42	-12 30				434013
11863	SFERNNDO	9004	63 07 28	20 46 44.96	17 50 48	40 10				434013
11860	OLFSFTN	9002	63 07 29	1 17 42.23	0 51 54	-30 08				434023
11861	OLFSFTN	9002	63 07 29	3 13 51.43	20 58 24	-19 33				434013
30381	HAPEVL	8517	63 07 29	4 32 17.2			180 00 00	70 00 00		641304
11869	V.DLORES	9011	63 07 29	7 13 22.47	3 56 00	-25 25				434023
11871	AREQUIPA	9007	63 07 29	9 09 55.32	2 23 06	-68 15				434023
11870	V.DLORES	9011	63 07 29	9 12 01.62	2 03 18	-46 06				434023
30391	BRATSLV	8626	63 07 29	12 18 52.0	13 22 18	53 36				845013
11887	TOKYO	9005	63 07 29	12 19 41.00	13 48 42	12 57				434013
11872	WOOMERA	9003	63 07 29	16 49 19.79	2 35 42	-15 38				434013
11873	WOOMERA	9003	63 07 29	18 45 15.21	22 56 24	-21 40				434013
11875	OLFSFTN	9002	63 07 30	0 34 45.75	2 22 24	-29 58				434023
11882	JUPITER	9010	63 07 30	1 54 03.23	21 44 00	70 48				434013
11876	OLFSFTN	9002	63 07 30	2 30 59.61	21 40 54	-31 42				434023
11883	MAUI,HA	9012	63 07 30	7 44 33.77	11 55 42	79 37				434013
11880	AREQUIPA	9007	63 07 30	8 25 05.44	3 32 12	-62 01				434023
11881	AREQUIPA	9007	63 07 30	10 20 17.61	20 59 12	-48 01				434023
11878	WOOMERA	9003	63 07 30	16 02 19.05	0 48 24	-29 00				434023
11886	SFERNNDO	9004	63 07 30	21 16 40.16	13 33 06	13 30				434013
11877	OLFSFTN	9002	63 07 31	1 48 21.75	23 38 30	-46 38				434023
11888	AREQUIPA	9007	63 07 31	9 41 48.78	2 30 48	-75 43				434023
11884	WOOMERA	9003	63 07 31	17 19 23.75	2 27 36	-28 53				434023
11885	WOOMERA	9003	63 07 31	19 16 54.05	22 32 30	-37 23				434023
11890	OLFSFTN	9002	63 08 01	1 04 36.88	1 42 42	-47 10				434023
11891	OLFSFTN	9002	63 08 01	3 01 09.66	20 57 48	-35 34				434023
30383	OHIO RES	8609	63 08 01	4 18 57.7	17 46 58	- 3 23				845013
30384	OHIO RES	8609	63 08 01	4 21 19.7	20 12 54	-15 10				845013
11920	V.DLORES	9011	63 08 01	6 56 52.58	3 31 30	-31 35				434023
11898	AREQUIPA	9007	63 08 01	8 56 54.29	4 25 12	-69 24				434023
11921	V.DLORES	9011	63 08 01	8 59 06.85	3 39 42	-50 33				434023
11896	WOOMERA	9003	63 08 01	18 31 47.80	23 23 54	-41 10				434023
11897	SFERNNDO	9004	63 08 01	21 47 01.05	13 42 00	- 6 22				434013
11894	OLFSFTN	9002	63 08 02	0 21 05.36	3 08 06	-40 12				434023
11895	OLFSFTN	9002	63 08 02	2 17 28.36	21 49 30	-49 20				434023
11922	V.DLORES	9011	63 08 02	10 09 53.70	22 56 06	-45 38				434023
11899	AREQUIPA	9007	63 08 02	10 12 18.70	1 31 12	-78 09				434023
11902	WOOMERA	9003	63 08 02	17 48 01.80	1 32 54	-43 06				434023
11903	WOOMERA	9003	63 08 02	19 44 27.80	21 06 12	-31 43				434023
11900	OLFSFTN	9002	63 08 03	1 33 59.62	0 30 12	-60 18				434023
11909	MAUI,HA	9012	63 08 03	6 44 37.59	13 20 00	84 42				434013
11904	AREQUIPA	9007	63 08 03	9 25 55.49	3 01 24	-77 22				434023
11923	V.DLORES	9011	63 08 03	9 28 56.76	3 20 18	-54 23				434023
11906	SHIRAZ	9008	63 08 03	16 24 56.81	15 21 54	52 03				434013
11908	JUPITER	9010	63 08 04	2 08 38.33	13 37 12	19 40				434013
11905	AREQUIPA	9007	63 08 04	8 40 14.92	4 35 24	-71 06				434023
11916	JUPITER	9010	63 08 05	1 22 36.64	12 54 48	41 55				434013

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11901	OLFSFTN	9002	63 08 05	2 02 18.46	22 24 54	-62 26				434023
11910	AREQUIPA	9007	63 08 05	7 53 38.25	4 40 36	-65 58				434023
11924	V.DLORES	9011	63 08 05	7 57 39.93	4 37 00	-42 06				434023
11911	AREQUIPA	9007	63 08 05	9 56 34.97	3 39 24	-76 07				434023
11925	V.DLORES	9011	63 08 05	9 59 09.30	3 30 36	-49 48				434023
11913	WOOMERA	9003	63 08 05	17 32 32.59	2 42 30	-48 14				434023
11914	WOOMERA	9003	63 08 05	19 29 02.70	21 19 36	-42 55				434023
11915	SFERNNDO	9004	63 08 05	20 47 07.97	15 11 36	-31 58				434023
11917	CURACAO	9009	63 08 06	0 40 23.98	20 07 00	84 53				434013
11912	OLFSFTN	9002	63 08 06	1 17 47.22	1 35 54	-66 00				434023
11926	V.DLORES	9011	63 08 06	7 11 09.66	4 30 48	-37 44				434023
11927	V.DLORES	9011	63 08 06	9 13 19.18	4 25 54	-45 15				434023
11919	WOOMERA	9003	63 08 06	18 44 15.14	22 29 18	-54 23				434023
11918	OLFSFTN	9002	63 08 07	0 33 39.26	3 50 00	-53 15				434023
11930	JUPITER	9010	63 08 07	1 52 17.34	13 47 48	-12 03				434013
11931	V.DLORES	9011	63 08 07	8 26 35.97	4 38 12	-41 57				434023
11929	WOOMERA	9003	63 08 07	18 00 19.44	1 56 06	-57 11				434023
11937	JUPITER	9010	63 08 08	1 06 14.45	14 08 18	- 5 03				434013
11928	OLFSFTN	9002	63 08 08	1 45 29.11	23 39 06	-69 17				434023
11932	AREQUIPA	9007	63 08 08	7 36 32.03	5 10 06	-61 22				434023
11933	V.DLORES	9011	63 08 08	7 39 47.05	4 39 36	-38 18				434023
11934	V.DLORES	9011	63 08 08	9 41 29.35	3 42 24	-40 25				434023
11935	WOOMERA	9003	63 08 08	17 15 33.02	3 33 30	-45 47				434023
11936	WOOMERA	9003	63 08 08	19 11 16.11	21 23 36	-47 32				434023
11942	CURACAO	9009	63 08 09	0 23 04.34	14 50 54	72 05				434013
11938	OLFSFTN	9002	63 08 09	1 00 24.57	2 55 42	-64 36				434023
11953	MAUI,HA	9012	63 08 09	6 10 40.41	12 52 18	21 42				434013
11939	AREQUIPA	9007	63 08 09	8 51 48.91	4 52 00	-68 00				434023
11946	WOOMERA	9003	63 08 09	18 26 50.87	23 44 12	-59 38				434023
11948	WOOMERA	9003	63 08 10	17 42 08.95	2 47 36	-53 26				434023
11949	WOOMERA	9003	63 08 10	19 38 26.90	21 15 48	-40 48				434023
11943	OLFSFTN	9002	63 08 11	1 27 15.81	1 11 48	-69 07				434023
11952	V.DLORES	9011	63 08 11	9 22 31.06	3 35 30	-28 35				434023
11950	WOOMERA	9003	63 08 11	16 57 01.42	3 53 18	-40 20				434023
11951	WOOMERA	9003	63 08 11	18 53 26.96	22 27 42	-52 12				434023
11944	OLFSFTN	9002	63 08 12	0 42 04.80	3 45 18	-57 04				434023
11945	OLFSFTN	9002	63 08 12	2 38 24.68	21 06 06	-50 27				434023
11965	MAUI,HA	9012	63 08 12	5 52 44.66	13 23 12	-23 22				434023
11959	AREQUIPA	9007	63 08 12	8 33 31.11	5 02 24	-57 26				434023
11960	V.DLORES	9011	63 08 12	8 35 10.48	3 56 42	-28 55				434023
11956	WOOMERA	9003	63 08 12	18 08 48.68	1 39 48	-54 27				434023
11954	OLFSFTN	9002	63 08 12	23 57 03.70	4 26 54	-41 51				434023
11955	OLFSFTN	9002	63 08 13	1 53 06.33	22 34 30	-62 58				434023
11961	AREQUIPA	9007	63 08 13	7 46 17.45	5 13 00	-52 12				434023
11962	AREQUIPA	9007	63 08 13	9 50 41.84	4 34 54	-42 40				434023
11964	WOOMERA	9003	63 08 13	19 19 18.68	21 44 12	-40 03				434023
11972	CURACAO	9009	63 08 14	0 33 04.77	13 23 30	-34 50				434023
11963	OLFSFTN	9002	63 08 14	1 08 34.24	2 45 12	-59 35				434023
11966	AREQUIPA	9007	63 08 14	6 57 14.43	4 54 12	-55 00				434023
11967	AREQUIPA	9007	63 08 14	9 02 17.31	4 44 30	-45 19				434023
11974	V.DLORES	9011	63 08 14	9 02 22.22	3 15 12	-15 20				434013
11970	WOOMERA	9003	63 08 14	18 34 29.96	23 49 06	-48 03				434023
11971	WOOMERA	9003	63 08 14	20 37 01.40	23 44 00	-20 04				434013
11981	CURACAO	9009	63 08 14	23 45 40.58	13 18 42	-23 47				434023
11968	OLFSFTN	9002	63 08 15	0 23 03.30	4 05 12	-44 51				434023
11969	OLFSFTN	9002	63 08 15	2 19 21.61	22 02 00	-50 12				434023
11975	AREQUIPA	9007	63 08 15	8 13 34.00	4 45 06	-48 02				434023
11976	V.DLORES	9011	63 08 15	8 15 38.01	3 53 42	-13 14				434013
11979	WOOMERA	9003	63 08 15	17 49 00.78	2 13 36	-43 11				434023
11980	WOOMERA	9003	63 08 15	19 45 16.81	21 42 48	-28 23				434023
11977	OLFSFTN	9002	63 08 16	1 34 03.61	0 33 30	-56 50				434023
11978	OLFSFTN	9002	63 08 16	3 46 40.61	4 04 12	12 49				434013
11995	AREQUIPA	9007	63 08 16	7 26 55.52	5 03 48	-39 33				434023
11996	AREQUIPA	9007	63 08 16	9 29 39.62	3 55 18	-30 45				434023
11982	CURACAO	9009	63 08 16	9 34 27.49	5 17 30	-50 27				434023
11989	WOOMERA	9003	63 08 16	17 03 54.04	3 40 30	-28 16				434023
11990	WOOMERA	9003	63 08 16	19 00 02.61	22 49 18	-33 30				434023
11983	OLFSFTN	9002	63 08 17	0 48 51.23	3 14 06	-44 21				434023
11984	OLFSFTN	9002	63 08 17	2 45 29.45	22 03 42	-35 11				434023
11997	AREQUIPA	9007	63 08 17	6 37 53.71	4 49 00	-42 00				434023
11999	V.DLORES	9011	63 08 17	8 41 41.76	3 01 12	0 34				434013
11998	AREQUIPA	9007	63 08 17	8 42 17.60	4 33 06	-28 18				434023
11992	WOOMERA	9003	63 08 17	20 11 46.11	22 07 36	-16 34				434013
11985	OLFSFTN	9002	63 08 18	0 03 56.85	4 15 00	-26 38				434023
11986	OLFSFTN	9002	63 08 18	1 59 56.74	23 32 54	-40 45				434023
12000	V.DLORES	9011	63 08 18	7 54 33.38	3 35 06	0 52				434013
12001	V.DLORES	9011	63 08 18	9 53 03.04	1 01 12	8 41				434013
11993	WOOMERA	9003	63 08 18	17 29 40.99	3 00 48	-19 42				434013
11994	WOOMERA	9003	63 08 18	19 26 02.08	22 47 00	-16 52				434013

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11987	OLFSFTN	9002	63 08 19	1 15 16.67	2 29 36	-30 15				434023
11988	OLFSFTN	9002	63 08 19	3 11 05.06	22 09 00	-20 17				434013
12004	AREQUIPA	9007	63 08 19	9 09 03.02	3 49 12	- 7 35				434013
12002	CURACAO	9009	63 08 19	9 15 10.18	5 26 18	-32 16				434C23
12008	MAUI,HA	9012	63 08 19	15 06 18.29	5 49 42	-30 50				434023
12003	WOOMERA	9003	63 08 19	18 40 39.50	0 23 42	-12 39				434013
12005	OLFSFTN	9002	63 08 20	0 29 34.08	3 45 18	-17 13				434013
12006	OLFSFTN	9002	63 08 20	2 25 31.39	23 10 42	-20 07				434C13
12007	V.DLORES	9011	63 08 20	8 18 59.26	2 27 42	13 10				434013
30402	SUMMYVAL	8578	63 08 20	17 58 22.4	2 24 45	-18 22				845013
30403	SUMMYVAL	8578	63 08 20	17 58 33.2	2 29 56	-17 16				845013
12010	OLFSFTN	9002	63 08 21	1 39 50.12	1 05 36	-14 07				434C13
12011	OLFSFTN	9002	63 08 21	3 41 56.52	0 06 06	10 36				434C13
12013	V.DLORES	9011	63 08 21	9 32 29.49	1 29 30	27 49				434013
12012	CURACAO	9009	63 08 21	9 33 31.96	2 04 06	-46 33				434C23
12016	WOOMERA	9003	63 08 21	19 05 44.19	23 59 24	6 05				434C13
12017	AREQUIPA	9007	63 08 22	0 19 12.76	12 34 30	-24 20				434023
12014	OLFSFTN	9002	63 08 22	0 54 10.79	2 58 48	- 2 17				434013
12023	SHIRAZ	9008	63 08 22	1 08 27.38	4 32 18	-37 50				434C23
12015	OLFSFTN	9002	63 08 22	2 50 15.26	23 01 18	- 1 51				434013
12018	CURACAO	9009	63 08 22	8 50 21.67	4 40 36	-26 02				434C23
12028	MAUI,HA	9012	63 08 22	14 45 47.89	6 14 18	- 9 06				434013
12019	OLFSFTN	9002	63 08 22	17 45 50.13	14 11 12	- 1 34				434C13
12021	WOOMERA	9003	63 08 22	18 19 04.84	1 14 42	12 31				434C13
12022	WOOMERA	9003	63 08 22	20 16 40.08	23 07 36	12 03				434C13
12024	AREQUIPA	9007	63 08 22	23 31 49.70	14 47 12	-48 02				434023
12020	OLFSFTN	9002	63 08 23	2 04 12.39	0 19 24	7 03				434C13
12027	V.DLORES	9011	63 08 23	7 57 34.15	2 57 30	32 03				434013
12025	AREQUIPA	9007	63 08 23	7 59 10.77	4 27 42	15 16				434013
12026	CURACAO	9009	63 08 23	8 01 18.64	4 53 54	-26 09				434023
12042	MAUI,HA	9012	63 08 23	13 55 33.68	5 53 42	-13 50				434013
12031	OLFSFTN	9002	63 08 24	1 18 18.10	2 09 63	17 30				434C13
12032	OLFSFTN	9002	63 08 24	3 14 18.60	22 58 54	11 50				434013
12038	CURACAO	9009	63 08 24	7 10 21.72	4 37 48	-32 45				434C23
12037	AREQUIPA	9007	63 08 24	9 11 41.43	3 11 12	37 17				434C13
12039	CURACAO	9009	63 08 24	9 14 21.47	3 51 30	- 8 34				434013
12041	JUPITER	9010	63 08 24	9 18 00.66	5 39 18	-15 01				434013
12029	ORGNPASS	9001	63 08 24	11 17 07.60	6 01 54	-12 04				434C13
12043	MAUI,HA	9012	63 08 24	15 08 33.41	5 43 42	2 14				434C13
12040	CURACAO	9009	63 08 25	8 26 14.44	4 44 42	- 5 10				434013
12034	OLFSFTN	9002	63 08 25	17 20 09.57	12 38 48	-18 35				434C13
12036	WOOMERA	9003	63 08 25	17 57 23.95	2 22 00	35 38				434C13
12035	OLFSFTN	9002	63 08 26	1 40 40.67	1 00 24	30 54				434013
12044	AREQUIPA	9007	63 08 26	9 33 39.39	1 50 00	46 50				434013
12045	CURACAO	9009	63 08 27	6 46 02.65	4 47 00	-12 24				434013
12046	CURACAO	9009	63 08 27	8 49 28.61	4 22 18	19 08				434013
12048	MAUI,HA	9012	63 08 27	14 38 39.99	4 37 18	5 58				434C13
12049	MAUI,HA	9012	63 08 27	14 44 11.08	6 33 48	23 00				434013
12047	OLFSFTN	9002	63 08 27	17 43 31.57	11 38 24	-52 27				434023
12052	SFERNNDO	9004	63 08 28	4 11 17.00	4 45 48	-14 01				434013
12050	OLFSFTN	9002	63 08 28	16 52 34.52	11 32 06	-28 33				434023
12051	OLFSFTN	9002	63 08 28	16 56 49.54	0 10 00	-59 02				434023
12054	AREQUIPA	9007	63 08 29	9 03 03.93	0 31 30	48 34				434013
12053	CURACAO	9009	63 08 29	9 10 25.94	3 13 00	38 23				434C13
12055	WOOMERA	9003	63 08 29	10 18 55.81	12 10 00	-26 43				434023
12056	WOOMERA	9003	63 08 29	10 20 28.87	12 34 00	-60 17				434023
12057	MAUI,HA	9012	63 08 29	12 57 07.46	4 39 12	- 5 43				434013
30409	BAHAMAS	0402	63 08 29	18 04 48.3			193 26 00	54 43 00		845303
12074	SFERNNDO	9004	63 08 30	4 32 20.08	4 30 30	- 2 40				434013
12061	CURACAO	9009	63 08 30	6 17 52.01	4 40 12	0 44				434013
12059	AREQUIPA	9007	63 08 30	8 13 46.74	1 31 12	52 51				434013
12079	JUPITER	9010	63 08 30	8 19 02.93	4 28 54	- 4 43				434013
12072	WOOMERA	9003	63 08 30	9 28 50.93	12 02 24	-21 25				434013
12071	MAUI,HA	9012	63 08 30	14 09 20.16	4 26 12	19 54				434013
12067	NAINITAL	9006	63 08 30	21 52 08.82	4 31 36	- 1 08				434C13
12077	SHIRAZ	9008	63 08 30	23 49 07.59	4 40 24	2 27				434C13
12075	SFERNNDO	9004	63 08 31	3 40 39.81	4 17 06	- 8 41				434013
12070	JUPITER	9010	63 08 31	7 27 50.38	4 22 24	- 9 28				434013
30404	EALING	8632	63 08 31	9 29 14.7			140 00 00	73 57 00		845303
30405	EALING	8632	63 08 31	9 29 40.9			127 48 00	73 24 00		845303
30407	PITTSBGH	8559	63 08 31	9 32 51.04	4 35 01	- 1 12				845014
12073	WOOMERA	9003	63 08 31	10 40 27.76	11 50 48	-45 41				434C23
30413	PUEBLA	0900	63 08 31	11 27 19.5	2 26 50	41 55				845C13
12084	MAUI,HA	9012	63 08 31	13 19 09.68	4 53 24	15 25				434C13
12065	TOKYO	9005	63 08 31	17 09 27.10	4 09 30	-13 36				434C13
12066	TOKYO	9005	63 08 31	19 09 17.50	2 42 18	- 2 19				434C13
12078	SHIRAZ	9008	63 09 01	0 59 06.86	3 32 12	20 14				434C13
12076	SFERNNDO	9004	63 09 01	4 49 21.66	2 50 36	- 0 31				434C13
12080	JUPITER	9010	63 09 01	8 39 43.17	4 21 00	12 45				434013

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12062	WOOMERA	9003	63 09 01	9 49 20.52	11 23 42	-35 07				434023
12063	WOOMERA	9003	63 09 01	9 52 11.97	0 53 18	-75 35				434023
12107	ORGNPASS	9001	63 09 01	10 36 30.80	4 11 24	5 37				434013
12085	MAUI,HA	9012	63 09 01	12 27 16.35	4 36 48	6 39				434013
30416	HAPEVL	8517	63 09 01	12 33 50.7			180 00 00	51 42 54		641304
12086	MAUI,HA	9012	63 09 01	14 28 28.19	3 18 06	36 28				434013
12068	SHIRAZ	9008	63 09 01	22 05 52.03	4 14 18	- 9 12				434013
12083	V.DLORES	9011	63 09 01	23 21 59.74	11 28 30	-46 29				434023
12064	SFERNNDO	9004	63 09 02	4 00 21.91	3 58 06	3 04				434013
12081	JUPITER	9010	63 09 02	7 49 15.90	4 41 54	9 20				434013
12096	ORGNPASS	9001	63 09 02	9 44 36.45	4 02 06	- 1 42				434013
12088	MAUI,HA	9012	63 09 02	11 36 10.08	4 30 00	1 58				434013
12090	SHIRAZ	9008	63 09 02	23 17 46.72	4 33 36	12 13				434013
12091	SHIRAZ	9008	63 09 03	1 12 10.54	0 11 42	6 23				434013
12087	SFERNNDO	9004	63 09 03	3 09 30.83	4 13 06	0 19				434013
12089	WOOMERA	9003	63 09 03	10 09 58.30	11 07 30	-53 04				434023
12093	MAUI,HA	9012	63 09 03	12 49 34.66	5 30 30	28 55				434013
30415	HAPEVL	8517	63 09 03	12 55 08.2			180 00 00	71 12 32		641304
12094	MAUI,HA	9012	63 09 03	14 47 39.94	2 16 18	50 55				434013
30422	BAHAMAS	0402	63 09 03	17 54 50.1			179 35 00	36 51 00		845303
30423	BAHAMAS	0402	63 09 03	17 54 50.2			179 35 00	36 54 00		845303
12122	SHIRAZ	9008	63 09 03	22 26 11.79	4 28 18	6 07				434013
12123	SHIRAZ	9008	63 09 04	0 27 55.20	3 52 42	33 56				434013
12092	SFERNNDO	9004	63 09 04	4 20 07.89	3 58 30	18 54				434013
12095	JUPITER	9010	63 09 04	8 07 38.12	4 15 30	23 15				434013
12100	JUPITER	9010	63 09 04	10 04 07.59	0 08 12	23 26				434013
30414	HAPEVL	8517	63 09 04	12 01 22.7			180 00 00	59 31 48		641304
12098	SHIRAZ	9008	63 09 04	21 34 44.71	4 20 12	1 39				434013
12099	SHIRAZ	9008	63 09 04	23 37 46.22	4 56 54	29 59				434013
12101	JUPITER	9010	63 09 05	7 15 49.27	4 15 48	15 21				434013
12097	WOOMERA	9003	63 09 05	10 29 43.20	11 29 54	-62 30				434023
12105	MAUI,HA	9012	63 09 05	13 05 02.10	4 02 36	41 17				434013
12106	MAUI,HA	9012	63 09 05	15 06 10.74	1 11 12	58 06				434013
12124	SHIRAZ	9008	63 09 05	22 46 23.39	5 04 36	23 26				434013
12125	SHIRAZ	9008	63 09 06	0 47 23.83	4 07 12	49 06				434013
12102	SFERNNDO	9004	63 09 06	2 37 36.64	4 29 48	10 25				434013
12103	SFERNNDO	9004	63 09 06	4 39 03.55	3 59 06	32 25				434013
12104	CURACAO	9009	63 09 06	8 25 31.19	0 45 00	66 03				434013
12129	JUPITER	9010	63 09 06	8 27 08.92	4 38 24	41 26				434013
12113	WOOMERA	9003	63 09 06	9 37 53.00	10 36 30	-55 56				434023
12114	WOOMERA	9003	63 09 06	9 40 11.00	0 44 30	-66 46				434023
30417	HAPEVL	8517	63 09 06	12 21 21.3			180 00 00	77 06 15		641304
12126	SHIRAZ	9008	63 09 06	21 54 47.36	4 58 12	17 33				434013
12127	SHIRAZ	9008	63 09 06	23 55 00.64	4 16 30	42 56				434013
12117	SFERNNDO	9004	63 09 07	1 46 28.12	4 34 30	7 19				434013
12118	SFERNNDO	9004	63 09 07	3 48 04.68	4 46 12	28 37				434013
12109	ORGNPASS	9001	63 09 07	9 32 08.57	4 40 30	25 54				434013
12130	JUPITER	9010	63 09 07	9 35 58.54	2 48 54	56 58				434013
30418	HAPEVL	8517	63 09 07	11 27 25.6			180 00 00	66 18 29		641304
12110	ORGNPASS	9001	63 09 07	11 33 29.05	3 36 12	48 18				434013
12128	SHIRAZ	9008	63 09 07	23 04 28.28	5 17 24	36 05				434013
12119	SFERNNDO	9004	63 09 08	0 54 14.43	4 13 30	2 22				434013
12120	SFERNNDO	9004	63 09 08	2 56 30.42	5 00 36	23 16				434013
12121	SFERNNDO	9004	63 09 08	4 56 20.19	3 22 12	40 04				434013
12111	ORGNPASS	9001	63 09 08	8 41 14.21	5 00 30	20 51				434013
12131	JUPITER	9010	63 09 08	8 46 17.74	5 28 30	52 50				434013
12115	WOOMERA	9003	63 09 08	9 55 47.11	11 19 42	-47 22				434023
12116	WOOMERA	9003	63 09 08	9 57 56.41	23 34 42	-82 26				434023
12112	ORGNPASS	9001	63 09 08	10 41 59.19	4 34 12	44 36				434013
30419	HAPEVL	8517	63 09 08	12 40 08.9			180 00 00	87 46 05		641304
12135	MAUI,HA	9012	63 09 08	14 33 36.36	2 33 06	70 06				434013
30518	BRATSLV	8626	63 09 08	18 21 11.8	2 49 18	39 00				845013
12134	SHIRAZ	9008	63 09 09	0 13 25.25	4 42 54	53 43				434013
12132	SFERNNDO	9004	63 09 09	2 03 37.30	4 34 54	16 30				434013
12133	SFERNNDO	9004	63 09 09	4 05 44.78	4 51 48	37 52				434013
12136	ORGNPASS	9001	63 09 09	9 50 22.81	5 09 30	37 55				434013
12143	JUPITER	9010	63 09 09	9 54 12.51	2 59 00	63 52				434013
30420	HAPEVL	8517	63 09 09	11 46 09.8			180 00 00	81 42 32		641304
12137	ORGNPASS	9001	63 09 09	11 47 14.58	0 41 18	41 15				434013
12149	MAUI,HA	9012	63 09 09	13 41 51.70	4 25 30	67 44				434013
12140	SHIRAZ	9008	63 09 09	23 21 27.86	5 18 06	46 45				434013
12139	NAINITAL	9006	63 09 09	23 24 44.19	2 03 12	57 57				434013
12144	SFERNNDO	9004	63 09 10	1 11 01.10	4 15 06	10 20				434013
12141	SHIRAZ	9008	63 09 10	1 17 17.87	23 49 18	41 33				434013
12145	SFERNNDO	9004	63 09 10	3 13 30.99	5 03 30	32 21				434013
12146	ORGNPASS	9001	63 09 10	8 58 54.41	5 27 54	30 48				434013
30421	HAPEVL	8517	63 09 10	10 52 02.8			180 00 00	72 06 00		641304
12150	MAUI,HA	9012	63 09 10	14 53 54.86	6 09 18	71 42				434013
12147	NAINITAL	9006	63 09 10	20 32 55.58	5 21 18	37 47				434013
12151	SHIRAZ	9008	63 09 10	22 28 55.67	5 16 06	39 28				434013
12148	NAINITAL	9006	63 09 10	22 34 51.24	5 21 24	57 52				434013
12152	SHIRAZ	9008	63 09 11	0 30 46.94	4 58 24	58 57				434013

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12157	SFERNNDO	9004	63 09 11	2 21 06.73	5 01 48	26 26				434013
12158	SFERNNDO	9004	63 09 11	4 21 21.24	3 55 00	43 54				434013
12153	CURACAO	9009	63 09 11	8 08 50.64	23 54 48	77 24				434013
12160	JUPITER	9010	63 09 11	8 10 34.96	5 37 48	54 33				434013
12154	ORGNPASS	9001	63 09 11	10 07 38.49	5 34 48	45 07				434013
12161	JUPITER	9010	63 09 11	10 08 58.05	0 47 42	58 33				434013
30427	HAPEVL	8517	63 09 11	12 03 46.9			360 00 00	89 56 45		641304
12163	MAUI,HA	9012	63 09 11	13 59 26.97	5 09 00	72 20				434013
12155	OLFSFTN	9002	63 09 11	17 07 24.36	11 12 18	-70 08				434023
12156	OLFSFTN	9002	63 09 11	17 08 50.35	23 37 54	-74 03				434023
12159	NAINITAL	9006	63 09 11	21 41 41.16	5 22 06	53 33				434013
12162	SHIRAZ	9008	63 09 11	23 38 27.79	5 40 54	52 56				434013
12166	JUPITER	9010	63 09 12	7 14 16.18	3 10 00	53 15				434013
12164	ORGNPASS	9001	63 09 12	9 09 52.33	2 05 42	40 02				434013
12165	WOOMERA	9003	63 09 12	10 31 03.31	14 08 24	-17 40				434013
12167	MAUI,HA	9012	63 09 12	13 01 51.09	23 40 00	67 13				434013
12168	SHIRAZ	9008	63 09 12	22 45 39.20	5 45 06	46 28				434013
12186	JUPITER	9010	63 09 13	6 23 57.54	4 58 36	41 35				434013
12169	CURACAO	9009	63 09 13	6 24 03.85	4 51 00	75 15				434013
12170	CURACAO	9009	63 09 13	6 26 18.15	6 21 30	67 20				434013
12172	ORGNPASS	9001	63 09 13	8 19 27.66	4 09 48	34 20				434013
12187	JUPITER	9010	63 09 13	8 19 34.53	22 35 18	48 11				434013
12171	CURACAO	9009	63 09 13	8 23 00.11	21 55 18	67 48				434013
12177	WOOMERA	9003	63 09 13	9 41 29.40	21 22 24	- 3 59				434013
12173	ORGNPASS	9001	63 09 13	10 15 15.39	22 43 54	33 22				434013
12190	MAUI,HA	9012	63 09 13	12 11 28.06	4 16 36	67 08				434013
30428	HAPEVL	8517	63 09 13	12 20 30.3			360 00 00	88 16 12		641304
12176	OLFSFTN	9002	63 09 13	17 24 27.55	14 39 48	-51 01				434023
12189	V.DLORES	9011	63 09 13	23 12 27.61	20 53 18	13 08				434013
12184	SHIRAZ	9008	63 09 13	23 46 15.94	22 25 30	40 47				434013
12180	SFERNNDO	9004	63 09 14	3 37 52.36	23 07 24	27 41				434013
30424	URNSTON	8604	63 09 14	7 31 39.1	4 57 00	55 43				845013
12174	ORGNPASS	9001	63 09 14	9 25 28.05	1 25 12	50 43				434013
30426	PITTSBGH	8559	63 09 14	9 44 40.81	8 03 32	8 50				845014
30429	HAPEVL	8517	63 09 14	11 25 56.0			360 00 00	88 31 48		641304
12191	MAUI,HA	9012	63 09 14	13 19 37.53	1 34 54	77 02				434013
12192	MAUI,HA	9012	63 09 14	15 25 07.06	4 02 00	71 33				434013
12185	SHIRAZ	9008	63 09 14	22 55 57.77	0 46 42	59 30				434013
12181	SFERNNDO	9004	63 09 15	2 47 08.37	0 55 42	39 06				434013
50203	KONKO,J	2727	63 09 15	2 57 17.78			121 04 12	42 01 12		834302
12188	JUPITER	9010	63 09 15	6 38 59.04	5 09 30	51 18				434013
12178	WOOMERA	9003	63 09 15	9 54 38.90	14 25 36	- 2 25				434013
12179	WOOMERA	9003	63 09 15	9 56 51.88	18 49 18	29 43				434013
12175	ORGNPASS	9001	63 09 15	10 30 15.53	22 22 06	35 37				434013
12193	MAUI,HA	9012	63 09 15	12 26 44.61	4 18 12	74 34				434013
12194	OLFSFTN	9002	63 09 15	17 39 33.13	14 32 18	- 5 05				434013
12197	SHIRAZ	9008	63 09 15	22 05 22.56	4 42 06	52 51				434013
12198	SHIRAZ	9008	63 09 16	0 00 42.47	22 03 30	40 08				434013
12195	ORGNPASS	9001	63 09 16	9 39 32.01	0 16 18	54 05				434013
30432	WINDSOR	8640	63 09 16	9 48 53.15			146 00	79 36		845304
12199	MAUI,HA	9012	63 09 16	11 35 51.78	6 16 36	55 40				434013
12211	SHIRAZ	9008	63 09 16	23 11 39.79	2 14 00	65 17				434013
12196	SFERNNDO	9004	63 09 17	3 08 20.37	6 05 18	31 49				434013
50204	SN DIEGO	2715	63 09 17	3 08 27.0			144 30 00	46 19 12		637102
50205	SN DIEGO	2715	63 09 17	3 11 31.3			126 28 12	34 19 48		637102
12201	ORGNPASS	9001	63 09 17	8 49 47.41	5 07 48	46 41				434013
12202	ORGNPASS	9001	63 09 17	8 53 04.92	6 24 36	34 44				434013
12200	CURACAO	9009	63 09 17	8 54 46.89	23 20 36	73 29				434013
30433	WINDSOR	8640	63 09 17	8 56 03.8			102 39	59 55		845304
12203	ORGNPASS	9001	63 09 17	10 44 01.38	22 15 06	35 38				434013
12204	ORGNPASS	9001	63 09 17	10 52 45.65	5 13 36	46 43				434013
12205	TOKYO	9005	63 09 17	16 31 17.60	3 32 12	45 47				434013
12206	TOKYO	9005	63 09 17	16 33 21.10	5 00 42	39 12				434013
12207	TOKYO	9005	63 09 17	18 26 56.10	22 30 48	28 59				434013
12208	TOKYO	9005	63 09 17	18 33 25.10	2 58 18	43 47				434013
12209	TOKYO	9005	63 09 17	18 41 51.80	7 20 48	15 02				434013
12210	NAINITAL	9006	63 09 17	20 24 36.10	5 49 42	49 15				434013
12219	SHIRAZ	9008	63 09 17	22 22 24.95	6 25 48	42 12				434013
12212	AREQUIPA	9007	63 09 17	23 39 03.45	13 14 00	-50 34				434023
12213	CURACAO	9009	63 09 18	8 06 12.32	7 37 06	66 10				434013
30436	WINDSOR	8640	63 09 18	10 02 45.42			169 07	71 03		845304
12217	OLFSFTN	9002	63 09 18	16 59 04.00	13 36 06	- 1 39				434013
12218	OLFSFTN	9002	63 09 18	17 01 58.33	17 29 24	40 56				434013
12224	TOKYO	9005	63 09 18	17 41 58.50	5 33 48	34 37				434013
12228	SHIRAZ	9008	63 09 18	21 26 34.54	5 47 48	42 48				434013
12229	SHIRAZ	9008	63 09 18	23 22 11.50	22 54 54	56 37				434013
12215	NAINITAL	9006	63 09 18	23 27 41.61	23 49 30	40 45				434013
12230	SHIRAZ	9008	63 09 18	23 28 22.43	5 46 24	50 15				434013
50208	KAGOSHIM	2726	63 09 19	3 19 08.16			198 37 48	48 05 24		834309
50206	KONKO,J	2727	63 09 19	3 19 13.52			191 34 48	52 32 24		834302
50209	KAGOSHIM	2726	63 09 19	3 22 25.41			163 28 12	43 30 00		834309
30437	WINDSOR	8640	63 09 19	9 05 33.90			203 58	79 39		845304
12220	ORGNPASS	9001	63 09 19	9 05 49.83	6 28 12	32 50				434013
12231	JUPITER	9010	63 09 19	9 11 31.44	6 32 00	41 30				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
12221	ORGNPASS	9001	63 09 19	11 06 41.96	5 36 36	32 58				434013
12232	MAUI,HA	9012	63 09 19	12 58 54.57	7 21 12	50 14				434013
12233	MAUI,HA	9012	63 09 19	13 01 06.87	7 43 36	40 29				434013
12234	MAUI,HA	9012	63 09 19	13 01 20.62	7 45 36	39 33				434013
12235	MAUI,HA	9012	63 09 19	15 03 08.25	7 12 54	38 09				434013
12236	MAUI,HA	9012	63 09 19	15 04 20.46	7 36 18	31 57				434013
12225	TOKYO	9005	63 09 19	16 43 15.50	2 55 12	49 02				434013
12246	SHIRAZ	9008	63 09 19	22 38 26.41	7 13 00	26 16				434013
12237	AREQUIPA	9007	63 09 19	23 53 17.18	15 20 00	12 16				434013
12247	SHIRAZ	9008	63 09 20	0 36 29.53	5 32 12	37 07				434013
12222	SFERNNDO	9004	63 09 20	2 25 15.15	5 50 54	27 31				434013
12223	SFERNNDO	9004	63 09 20	4 28 53.93	5 51 12	14 09				434013
12238	ORGNPASS	9001	63 09 20	10 11 16.82	5 47 54	35 19				434013
12253	MAUI,HA	9012	63 09 20	12 02 20.35	6 56 48	53 23				434013
12254	MAUI,HA	9012	63 09 20	14 05 05.65	6 34 36	52 50				434013
12248	SHIRAZ	9008	63 09 20	23 42 11.25	6 22 48	32 46				434013
12241	SFERNNDO	9004	63 09 21	3 31 39.22	5 15 54	23 52				434013
12249	CURACAO	9009	63 09 21	7 22 14.54	7 16 54	64 11				434013
12239	ORGNPASS	9001	63 09 21	9 17 10.94	6 22 00	28 22				434013
12250	CURACAO	9009	63 09 21	9 27 17.65	6 34 24	47 28				434013
12255	MAUI,HA	9012	63 09 21	13 11 42.72	7 24 30	39 12				434013
30483	HAPEVL	8517	63 09 21	13 17 42.9			180 00 00	44 20 24		641304
12256	MAUI,HA	9012	63 09 21	15 17 52.81	7 41 00	8 49				434013
12244	NAINITAL	9006	63 09 21	20 50 20.10	6 29 18	33 59				434013
12251	SHIRAZ	9008	63 09 21	22 46 17.10	6 25 42	33 21				434013
12245	NAINITAL	9006	63 09 21	22 52 05.81	5 30 12	22 59				434013
12252	SHIRAZ	9008	63 09 22	0 47 41.64	5 10 00	22 11				434013
12242	SFERNNDO	9004	63 09 22	2 33 56.95	4 24 42	34 05				434013
12240	ORGNPASS	9001	63 09 22	10 22 52.77	5 51 48	20 26				434013
30493	HAPEVL	8517	63 09 22	12 19 12.2			180 00 00	56 23 06		641304
12257	MAUI,HA	9012	63 09 22	14 19 38.44	7 20 36	21 53				434013
12264	NAINITAL	9006	63 09 22	21 58 11.73	6 40 06	15 22				434013
12258	ORGNPASS	9001	63 09 23	9 29 27.21	6 46 18	10 40				434013
12266	MAUI,HA	9012	63 09 23	15 24 11.76	6 05 06	6 05				434013
12267	TOKYO	9005	63 09 23	17 16 32.40	7 21 30	- 6 54				434013
30492	BRATSLV	8626	63 09 23	19 06 45.5	4 26 42	16 48				845013
12262	NAINITAL	9006	63 09 23	20 59 52.31	6 24 06	23 28				434013
12268	SHIRAZ	9008	63 09 23	22 57 11.34	6 40 12	15 47				434013
12263	NAINITAL	9006	63 09 23	23 00 19.50	4 42 48	9 31				434013
12269	SHIRAZ	9008	63 09 24	0 59 56.05	6 06 42	- 8 23				434013
12260	SFERNNDO	9004	63 09 24	2 47 18.27	6 05 18	5 34				434013
12261	SFERNNDO	9004	63 09 24	4 45 44.75	4 04 00	- 4 00				434013
30495	SACMENTO	8517	63 09 24	12 28 32.6			180 00 00	39 52 42		641304
30496	HAPEVL	8517	63 09 25	11 28 24.6			180 00 00	51 39 50		641304
12270	MAUI,HA	9012	63 09 25	11 31 06.00	7 19 24	7 26				434013
12271	ORGNPASS	9001	63 09 26	10 37 37.95	5 11 30	- 9 06				434013
30497	SACMENTO	8517	63 09 26	12 36 11.4			4 45 19	-26 21 28		641303
12272	SFERNNDO	9004	63 09 27	3 55 00.89	4 31 48	-16 21				434013
12273	CURACAO	9009	63 09 27	7 48 03.23	6 39 00	23 42				434013
12274	ORGNPASS	9001	63 09 27	9 39 46.70	5 40 30	- 5 18				434013
12291	MAUI,HA	9012	63 09 27	13 36 38.26	7 01 42	- 6 49				434013
12282	NAINITAL	9006	63 09 27	21 12 09.32	5 52 36	- 3 11				434013
12287	SHIRAZ	9008	63 09 28	1 04 42.07	2 34 00	-12 15				434013
12285	AREQUIPA	9007	63 09 28	8 47 31.01	4 06 00	61 15				434013
12288	CURACAO	9009	63 09 28	8 51 00.61	5 20 42	0 22				434013
12286	AREQUIPA	9007	63 09 28	8 54 56.66	7 00 00	36 05				434013
30440	HAPEVL	8517	63 09 28	10 37 21.60	4 37 24	-15 06				845004
12292	MAUI,HA	9012	63 09 28	12 32 49.93	6 04 12	20 31				434013
12293	MAUI,HA	9012	63 09 28	14 28 07.15	0 54 48	20 05				434013
12294	MAUI,HA	9012	63 09 28	14 34 10.09	4 07 12	- 8 30				434013
12304	TOKYO	9005	63 09 28	18 22 45.20	4 11 18	-25 42				434023
12289	CURACAO	9009	63 09 28	23 31 35.39	14 34 00	43 32				434013
12290	CURACAO	9009	63 09 28	23 33 31.36	20 39 00	84 18				434013
12279	OLFSFTN	9002	63 09 29	2 13 43.50	6 52 54	38 24				434013
30442	HAPEVL	8517	63 09 29	3 25 21.20	19 35 42	-41 48				845004
12276	ORGNPASS	9001	63 09 29	9 42 12.05	4 48 18	-14 39				434013
30445	WLTHMSTO	8605	63 09 29	9 44 40.04	4 29 42	-28 24				845022
30482	HAPEVL	8517	63 09 29	11 39 40.80	3 58 00	-28 56				641002
12278	ORGNPASS	9001	63 09 29	11 41 03.75	2 41 00	-24 46				434023
12295	NAINITAL	9006	63 09 29	23 16 41.36	4 00 18	-36 12				434023
12280	SFERNNDO	9004	63 09 30	4 55 18.48	1 34 48	-20 53				434013
12281	SFERNNDO	9004	63 09 30	5 00 03.13	3 12 30	-34 38				434023
12296	CURACAO	9009	63 09 30	6 51 57.68	6 24 24	16 23				434013
12297	CURACAO	9009	63 09 30	8 55 00.78	5 07 42	-23 30				434023
12298	ORGNPASS	9001	63 09 30	10 43 40.82	3 44 12	-29 47				434023
12300	MAUI,HA	9012	63 09 30	12 38 17.28	6 16 18	- 5 58				434013
12299	WOOMERA	9003	63 09 30	18 36 44.87	7 22 42	27 55				434013
12305	NAINITAL	9006	63 09 30	22 16 24.52	4 10 48	-32 16				434023
12301	OLFSFTN	9002	63 10 01	2 16 28.28	6 36 06	29 24				434013
30455	HAPEVL	8517	63 10 01	3 28 38.10	20 03 06	-29 03				641002

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12303	SFERNNDO	9004	63 10 01	3 59 30.24	3 02 06	-31 51				434C23
12376	MAUI,HA	9012	63 10 01	5 19 47.79	14 22 48	16 08				434013
12377	MAUI,HA	9012	63 10 01	5 22 27.07	20 35 00	84 15				434013
12302	WOOMERA	9003	63 10 01	19 38 21.79	6 59 54	16 59				434C13
12373	OLFSFTN	9002	63 10 02	1 18 06.56	7 14 18	24 58				434013
12374	OLFSFTN	9002	63 10 02	1 19 44.27	7 37 12	19 04				434013
12375	OLFSFTN	9002	63 10 02	1 20 56.53	7 53 36	14 59				434013
12313	SHIRAZ	9008	63 10 02	15 57 41.94	15 38 48	32 17				434C13
12306	WOOMERA	9003	63 10 02	18 33 04.85	5 40 30	37 35				434013
30452	SUMMYVAL	8578	63 10 02	18 36 50.70	6 00 30	9 37				845012
12307	WOOMERA	9003	63 10 02	18 37 50.40	7 05 24	21 08				434C13
12308	WOOMERA	9003	63 10 02	18 47 58.21	9 42 54	- 7 12				434013
12309	NAINITAL	9006	63 10 02	22 16 21.79	3 07 12	-37 56				434023
12310	OLFSFTN	9002	63 10 03	2 19 18.70	6 47 48	12 21				434013
12311	OLFSFTN	9002	63 10 03	2 21 30.34	7 33 00	3 26				434013
12314	V.DLORES	9011	63 10 03	8 06 03.88	7 29 18	13 55				434C13
12336	SHIRAZ	9008	63 10 03	15 00 15.28	0 13 12	35 51				434013
12312	WOOMERA	9003	63 10 03	19 39 08.54	6 42 36	5 46				434013
30450	SYRACSE	0129	63 10 04	0 34 01.81	20 12 36	-13 11				845012
30484	WELLS	8606	63 10 04	0 36 25.0			229 36 00	20 48 CC		845302
30487	KANCITY	0036	63 10 04	0 36 49.6	23 09 10	- 9 56				845013
30449	COLUMBUS	0051	63 10 04	0 37 22.70	20 58 18	-16 00				845012
30458	HAPEVL	8517	63 10 04	2 30 06.40	19 58 24	-28 38				641002
30500	ST.PAUL	8535	63 10 04	2 31 10.60	21 59 39	-15 07				845013
12315	ORGNPASS	9001	63 10 04	2 31 32.89	15 31 42	22 08				434013
12333	AREQUIPA	9007	63 10 04	6 58 40.64	6 45 24	21 32				434013
12339	V.DLORES	9011	63 10 04	7 09 11.06	8 14 36	5 51				434013
12340	V.DLORES	9011	63 10 04	9 00 50.65	4 52 24	21 23				434C13
12334	AREQUIPA	9007	63 10 04	9 01 31.31	6 09 30	-11 56				434013
12329	SFERNNDO	9004	63 10 04	19 48 38.60	16 34 48	5 58				434013
30478	BRYAN	8565	63 10 04	23 37 34.70	20 55 30	-26 50				845C42
30489	GILES ME	8624	63 10 04	23 38 21.23	20 51 00	-27 58				845C42
30460	SALSBURY	5050	63 10 04	23 38 29.30	21 05 00	-26 42				845042
30459	GILES ME	8624	63 10 04	23 38 40.50	21 21 00	-25 36				845042
12317	OLFSFTN	9002	63 10 05	0 15 18.52	6 21 00	30 19				434013
12318	OLFSFTN	9002	63 10 05	0 18 17.65	7 03 18	18 37				434C13
30462	MCDONALD	0139	63 10 05	1 34 29.05	18 56 20	65 00				845C13
12319	OLFSFTN	9002	63 10 05	2 17 18.72	5 35 42	9 10				434013
12320	OLFSFTN	9002	63 10 05	2 21 19.61	7 15 18	- 8 26				434013
12321	OLFSFTN	9002	63 10 05	2 24 03.78	8 19 24	-17 14				434C13
30517	HAPEVL	8517	63 10 05	3 30 17.1	18 46 19	4 09				845004
30464	HAPEVL	8517	63 10 05	3 30 40.50	19 54 30	9 33				641003
12337	CURACAO	9009	63 10 05	7 54 15.27	3 31 30	-38 15				434023
12338	CURACAO	9009	63 10 05	7 56 24.04	4 35 36	-45 25				434023
12335	AREQUIPA	9007	63 10 05	8 02 14.72	7 14 48	- 9 17				434013
12341	V.DLORES	9011	63 10 05	8 04 40.89	6 53 18	9 28				434013
12344	MAUI,HA	9012	63 10 05	13 40 39.16	4 04 48	-50 27				434023
30481	SUMMYVAL	8578	63 10 05	17 35 10.00	5 41 18	7 58				845C12
30505	SUMMYVAL	8578	63 10 05	17 35 50.5	5 58 13	4 17				845013
12325	WOOMERA	9003	63 10 05	17 36 13.23	6 39 54	19 35				434013
12326	WOOMERA	9003	63 10 05	19 30 23.29	3 14 12	24 15				434C13
12327	WOOMERA	9003	63 10 05	19 35 04.49	4 51 18	8 37				434C13
30470	KANCITY	0036	63 10 06	0 35 16.70	21 19 36	-12 10				845012
30466	L.MCCORM	0140	63 10 06	0 35 33.80	20 16 48	- 8 25				845012
12322	OLFSFTN	9002	63 10 06	1 11 37.36	4 14 06	36 15				434013
12323	OLFSFTN	9002	63 10 06	1 18 36.60	6 51 54	5 22				434C13
12324	OLFSFTN	9002	63 10 06	1 27 22.50	9 25 42	-17 57				434013
30498	PERIVALE	8637	63 10 06	2 30 56.5	21 26 46	45 36				845014
12316	ORGNPASS	9001	63 10 06	2 31 19.30	14 41 54	34 09				434013
30467	BAHAMAS	0402	63 10 06	3 19 29.70			35 04	53 57		845302
12342	V.DLORES	9011	63 10 06	7 02 25.46	6 37 00	17 59				434013
12343	V.DLORES	9011	63 10 06	9 05 39.05	6 42 42	-11 25				434C13
12332	NAINITAL	9006	63 10 06	14 02 36.56	13 31 12	57 55				434013
12355	SHIRAZ	9008	63 10 06	15 57 39.81	13 47 36	48 12				434C13
12328	WOOMERA	9003	63 10 06	18 36 13.84	6 14 36	5 38				434013
30473	BRISTOL	8597	63 10 06	18 38 16.00			40 41	42 22		845302
12330	SFERNNDO	9004	63 10 06	19 48 16.96	16 06 48	26 28				434C13
30507	WELLS	8606	63 10 06	23 37 16.5			161 48 CC	46 54 CC		845302
30468	PITTSBGH	8559	63 10 06	23 38 19.68	23 09 36	- 5 09				845012
12345	OLFSFTN	9002	63 10 07	0 15 53.86	6 31 24	16 27				434013
12346	OLFSFTN	9002	63 10 07	0 18 32.81	7 13 48	6 00				434C13
12347	OLFSFTN	9002	63 10 07	0 24 52.08	8 42 24	-10 32				434C13
12348	OLFSFTN	9002	63 10 07	2 19 03.15	6 29 18	-17 57				434C13
30503	ST.PAUL	8535	63 10 07	3 28 44.9	16 30 45	16 01				845013
30530	HAPEVL	8517	63 10 07	3 28 57.7	17 01 24	14 07				641003
30465	HAPEVL	8517	63 10 07	3 29 52.90	19 38 24	30 44				641003
12354	AREQUIPA	9007	63 10 07	8 00 24.19	6 46 42	-21 50				434013
12356	V.DLORES	9011	63 10 07	8 02 47.52	6 25 48	1 27				434C13
12353	TOKYO	9005	63 10 07	9 12 41.00	18 26 24	36 06				434C13
12352	WOOMERA	9003	63 10 07	17 29 50.06	4 42 36	32 00				434C13
30537	SUMMYVAL	8578	63 10 07	17 33 19.6	4 58 50	- 5 27				845013
12357	WOOMERA	9003	63 10 07	17 36 03.54	6 53 18	6 15				434013
30474	BRISTOL	8597	63 10 07	17 37 20.90			56 25	28 36		845302
30512	PITTSBGH	8559	63 10 08	0 36 13.50	21 01 20	6 23				845C14
30511	BRYAN	8565	63 10 08	0 36 14.4	21 08 37	4 46				845C13

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12349	OLFSFTN	9002	63 10 08	1 14 11.84	5 29 54	6 11				434013
12350	OLFSFTN	9002	63 10 08	1 16 47.56	6 36 24	- 6 05				434013
30531	HAPEVL	8517	63 10 08	2 28 40.8	19 30 21	6 48				641003
30532	HAPEVL	8517	63 10 08	2 28 49.0	19 59 23	8 29				641003
30515	VANGUYS	8652	63 10 08	2 29 36.8	22 25 59	69 26				845013
30501	CHAMBRS	8556	63 10 08	2 30 00.77	23 29 15	17 42				845013
30502	CHAMBRS	8556	63 10 08	2 30 01.8	23 30 30	17 33				845013
30514	PERIVALE	8637	63 10 08	2 30 09.98	0 32 36	55 40				845014
30513	PORTLAND	8576	63 10 08	2 30 14.	15 17	72 00				845003
12369	V.DLORES	9011	63 10 08	6 55 48.66	4 40 48	29 53				434013
12366	AREQUIPA	9007	63 10 08	6 56 36.53	6 16 18	- 1 56				434013
12367	AREQUIPA	9007	63 10 08	6 59 07.79	7 07 18	-12 29				434013
12370	V.DLORES	9011	63 10 08	7 01 14.71	6 38 48	7 06				434013
12368	AREQUIPA	9007	63 10 08	8 51 11.14	1 34 42	- 0 24				434013
12371	V.DLORES	9011	63 10 08	8 55 24.80	2 57 18	10 04				434013
12372	V.DLORES	9011	63 10 08	9 00 57.60	5 06 00	-12 37				434013
12384	TOKYO	9005	63 10 08	10 11 09.70	15 18 42	38 50				434013
30538	SUNNYVAL	8578	63 10 08	16 31 50.9	5 45 24	3 00				845013
12361	WOOMERA	9003	63 10 08	16 31 56.85	6 10 48	19 47				434013
30519	BRISTOL	8597	63 10 08	16 34 19.0			56 14 00	16 57 00		845303
12362	WOOMERA	9003	63 10 08	16 35 39.80	7 09 18	6 09				434013
12363	WOOMERA	9003	63 10 08	18 26 49.30	2 52 36	24 11				434013
30521	CMA N'P	0600	63 10 08	18 34 56.3			30 38 00	53 05 00		845303
12364	WOOMERA	9003	63 10 08	18 35 14.04	6 32 06	-11 00				434013
30520	BRISTOL	8597	63 10 08	18 35 16.4			34 39 00	53 14 00		845303
12383	SFERNNDO	9004	63 10 08	19 46 35.88	15 47 18	40 51				434013
30516	ALDMSTON	8618	63 10 09	1 31 23.2	15 40 27	14 34				845013
30523	SYRACSE	0129	63 10 09	1 31 55.51	12 49 35	84 16				845013
12388	V.DLORES	9011	63 10 09	5 57 02.91	5 58 48	20 31				434013
12389	V.DLORES	9011	63 10 09	6 01 17.73	7 08 30	4 50				434013
12379	WOOMERA	9003	63 10 09	17 28 41.57	4 59 18	16 07				434013
30569	SUNNYVAL	8578	63 10 09	17 30 20.9	4 21 37	-21 53				845013
12380	WOOMERA	9003	63 10 09	17 34 34.29	7 18 42	- 8 13				434013
12381	WOOMERA	9003	63 10 09	19 26 56.52	2 39 00	0 30				434013
12382	WOOMERA	9003	63 10 09	19 32 45.74	5 05 54	-25 51				434023
30552	LAWRENCE	8655	63 10 10	0 30 20.6	19 17 54	17 08				845014
12378	OLFSFTN	9002	63 10 10	1 11 07.73	5 09 12	- 8 07				434013
30533	HAPEVL	8517	63 10 10	2 25 51.5			180 00 00	80 42 54		641303
30534	HAPEVL	8517	63 10 10	2 26 13.9	21 12 41	30 48				641003
12390	ORGNPASS	9001	63 10 10	2 27 40.09	13 44 48	56 05				434013
12393	AREQUIPA	9007	63 10 10	6 58 58.88	8 08 24	-30 30				434023
12395	V.DLORES	9011	63 10 10	6 59 52.95	7 18 00	- 9 17				434013
12396	V.DLORES	9011	63 10 10	8 55 45.17	3 55 18	-16 13				434013
12394	AREQUIPA	9007	63 10 10	8 58 32.40	7 02 06	-61 20				434023
30557	INYOKN'A	0230	63 10 10	10 07 50.4	6 14	82 12				845013
30583	TROYRPI	0220	63 10 10	10 08 06.4	14 30 00	75 48				845042
12391	WOOMERA	9003	63 10 10	16 29 14.48	6 19 18	8 23				434013
30546	CMA N'P	0600	63 10 10	18 31 01.4			31 04 00	64 40 00		845303
30561	GILES ME	8624	63 10 10	23 31 27.52	19 27 06	-10 50				845013
12401	WOOMERA	9003	63 10 11	17 23 50.36	4 27 48	7 20				434013
12402	WOOMERA	9003	63 10 11	19 25 17.43	3 20 54	-22 52				434013
12397	OLFSFTN	9002	63 10 11	23 08 35.04	6 47 30	- 3 15				434013
12398	OLFSFTN	9002	63 10 12	1 03 28.71	3 06 48	- 6 10				434013
30535	HAPEVL	8517	63 10 12	2 21 28.0	20 31 36	43 09				641003
30536	HAPEVL	8517	63 10 12	2 22 01.2	22 51 09	35 18				641003
30584	TROYRPI	0220	63 10 12	10 03 12.4	14 29 00	76 00				845042
12404	WOOMERA	9003	63 10 12	18 19 27.39	2 38 24	- 5 00				434013
30572	BRYAN	8565	63 10 12	23 25 33.0	20 31 56	9 38				845012
30528	GILES ME	8624	63 10 12	23 25 56.4	19 29 18	- 7 01				845012
30622	CEDAVURT	8656	63 10 12	23 26 31.8	19 13 57	21 17				845042
30529	GILES ME	8624	63 10 12	23 26 47.6	21 40 17	- 6 28				845013
30574	PITTSBGH	8559	63 10 12	23 27 44.2	0 12 43	3 55				845014
30527	L.MCCORM	0140	63 10 13	1 22 27.3	15 56 27	20 51				845013
30550	KANCITY	0036	63 10 13	1 22 29.6	17 16 00	28 55				845012
30575	WLTHMSTO	8605	63 10 13	1 23 14.6	23 03 40	44 13				845013
12400	OLFSFTN	9002	63 10 13	1 58 00.52	1 12 18	-10 56				434013
12405	OLFSFTN	9002	63 10 13	23 01 45.50	6 52 42	-12 19				434013
30562	GILES ME	8624	63 10 14	0 21 21.8	17 47 13	- 7 42				845012
30563	GILES ME	8624	63 10 14	0 21 27.6	17 58 18	- 8 14				845012
12406	OLFSFTN	9002	63 10 14	0 56 34.85	2 41 18	-21 20				434013
12407	OLFSFTN	9002	63 10 14	1 04 57.51	8 24 00	-43 25				434023
30581	PORTLAND	8576	63 10 14	2 16 20.12			1 06	33 24		845303
30558	TALARA	8648	63 10 14	2 16 20.5	0 35 00	88 25				845013
12408	OLFSFTN	9002	63 10 14	23 54 43.14	5 33 48	-25 52				434023
12409	OLFSFTN	9002	63 10 15	1 49 30.18	0 44 36	-18 36				434013
12411	V.DLORES	9011	63 10 15	5 44 31.96	8 01 24	-19 49				434013
12410	AREQUIPA	9007	63 10 15	7 39 01.05	6 57 54	-67 09				434023
12412	V.DLORES	9011	63 10 15	7 42 56.16	7 38 36	-42 41				434023
30600	BRYAN	8565	63 10 16	0 13 00.4	21 34 45	- 9 06				845013
12414	OLFSFTN	9002	63 10 16	0 50 40.24	5 22 42	-51 43				434023
12415	AREQUIPA	9007	63 10 16	8 33 03.25	3 47 00	-75 30				434023
12416	OLFSFTN	9002	63 10 17	1 39 44.43	0 40 00	-31 27				434023
30617	HAPEVL	8517	63 10 17	2 59 43.2			180 00 00	54 24 47		641303

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30618	HAPEVL	8517	63 10 17	2 59 47.7	20 46 45	1 55				641C03
12420	WOOMERA	9003	63 10 17	17 02 35.54	8 04 48	-37 07				434C23
12421	OLFSFTN	9002	63 10 18	0 35 29.03	2 02 00	-47 08				434C23
30615	HAPEVL	8517	63 10 18	1 53 13.2			180 CC 00	84 26 15		641304
12424	ORGNPASS	9001	63 10 18	1 54 58.49	14 44 06	45 31				434C13
12422	OLFSFTN	9002	63 10 18	2 37 20.24	1 55 42	-53 50				434C23
12438	AREQUIPA	9007	63 10 18	6 24 22.88	9 05 18	-51 25				434C23
12439	AREQUIPA	9007	63 10 18	8 21 41.35	6 04 00	-80 19				434C23
12423	V.DLORES	9011	63 10 18	8 24 57.00	7 15 18	-56 03				434C23
12437	NAINITAL	9006	63 10 18	13 24 25.60	23 58 30	84 22				434C13
12432	WOOMERA	9003	63 10 18	15 52 35.89	6 21 06	-25 37				434C23
12433	WOOMERA	9003	63 10 18	15 56 15.52	7 54 42	-27 23				434C23
12425	OLFSFTN	9002	63 10 18	23 31 22.69	6 03 00	-47 52				434C23
12426	OLFSFTN	9002	63 10 19	1 26 04.38	0 03 54	-33 15				434C23
12427	OLFSFTN	9002	63 10 19	1 34 14.91	7 15 06	-67 34				434C23
30612	ST.PAUL	8535	63 10 19	2 45 58.5	17 36 32	4 24				845C12
30605	HAPEVL	8517	63 10 19	2 47 02.2			180 CC CC	38 48 00		641304
30611	ST.PAUL	8535	63 10 19	2 47 21.0	21 19 14	-12 29				845C13
12442	V.DLORES	9011	63 10 19	5 15 10.32	6 23 36	-25 22				434C23
12443	V.DLORES	9011	63 10 19	7 09 44.39	0 55 24	-26 31				434C23
12444	V.DLORES	9011	63 10 19	7 16 14.73	6 37 36	-52 48				434C23
12440	AREQUIPA	9007	63 10 19	9 09 34.98	0 17 00	-54 28				434C23
12441	AREQUIPA	9007	63 10 19	9 15 54.64	5 36 54	-81 02				434C23
12434	WOOMERA	9003	63 10 19	16 43 14.62	4 02 24	-42 48				434C23
12435	WOOMERA	9003	63 10 19	16 45 31.07	6 18 18	-45 23				434C23
12436	WOOMERA	9003	63 10 19	18 46 57.96	6 00 24	-60 37				434C23
12428	OLFSFTN	9002	63 10 20	0 22 34.68	2 52 18	-62 23				434C23
12429	OLFSFTN	9002	63 10 20	0 27 57.11	8 42 42	-53 50				434C23
12430	OLFSFTN	9002	63 10 20	2 26 55.68	5 50 12	-70 31				434C23
12431	OLFSFTN	9002	63 10 20	2 32 48.14	10 32 36	-47 52				434C23
12457	V.DLORES	9011	63 10 20	6 05 18.79	3 59 18	-41 57				434C23
12458	V.DLORES	9011	63 10 20	6 09 07.26	7 22 42	-41 49				434C23
12453	AREQUIPA	9007	63 10 20	8 00 22.94	23 17 12	-51 25				434C23
12454	AREQUIPA	9007	63 10 20	8 05 18.02	1 57 00	-79 27				434C23
12455	AREQUIPA	9007	63 10 20	8 08 08.37	8 43 30	-78 17				434C23
12459	V.DLORES	9011	63 10 20	8 09 12.69	6 19 30	-58 40				434C23
12460	V.DLORES	9011	63 10 20	8 11 27.29	8 23 30	-51 54				434C23
12456	AREQUIPA	9007	63 10 20	8 12 53.17	10 51 30	-57 05				434C23
12451	NAINITAL	9006	63 10 20	13 07 45.55	13 49 48	42 31				434C13
12452	NAINITAL	9006	63 10 20	13 10 58.80	0 04 42	44 10				434C13
12472	SHIRAZ	9008	63 10 20	15 03 01.92	14 16 42	41 59				434C13
12473	SHIRAZ	9008	63 10 20	15 05 24.22	21 56 12	56 41				434C13
12445	OLFSFTN	9002	63 10 20	23 16 38.78	6 40 12	-53 30				434C23
12446	OLFSFTN	9002	63 10 20	23 20 50.53	8 41 12	-41 29				434C23
12448	OLFSFTN	9002	63 10 21	1 11 01.31	23 41 30	-38 27				434C23
12449	OLFSFTN	9002	63 10 21	1 15 18.79	2 07 36	-66 21				434C23
12450	OLFSFTN	9002	63 10 21	1 19 56.98	8 38 30	-63 20				434C23
12467	V.DLORES	9011	63 10 21	5 00 29.84	6 56 18	-30 53				434C23
12468	V.DLORES	9011	63 10 21	6 54 50.91	0 49 06	-36 36				434C23
12462	AREQUIPA	9007	63 10 21	6 56 52.64	4 58 00	-82 37				434C23
12469	V.DLORES	9011	63 10 21	7 00 40.07	6 56 36	-54 51				434C23
12463	AREQUIPA	9007	63 10 21	7 01 12.72	9 44 54	-63 40				434C23
12464	AREQUIPA	9007	63 10 21	8 54 33.99	0 07 18	-59 42				434C23
12465	AREQUIPA	9007	63 10 21	9 01 46.29	9 11 00	-76 14				434C23
12466	AREQUIPA	9007	63 10 21	9 06 33.81	11 13 24	-53 49				434C23
12470	WOOMERA	9003	63 10 21	16 30 52.63	7 33 42	-45 40				434C23
12471	WOOMERA	9003	63 10 21	18 31 12.95	6 50 18	-60 03				434C23
12482	MAUI,HA	9012	63 10 22	5 17 52.32	19 07 48	82 14				434C13
12478	AREQUIPA	9007	63 10 22	7 45 31.05	23 15 18	-64 52				434C23
12479	AREQUIPA	9007	63 10 22	7 49 23.35	4 45 00	-84 37				434C23
12480	AREQUIPA	9007	63 10 22	7 50 54.90	8 52 00	-79 25				434C23
12481	AREQUIPA	9007	63 10 22	7 55 07.13	10 37 06	-58 35				434C23
12496	SHIRAZ	9008	63 10 22	14 50 08.96	23 38 42	- 5 22				434C13
12474	WOOMERA	9003	63 10 22	17 15 53.22	0 23 48	-42 08				434C23
12475	WOOMERA	9003	63 10 22	17 22 27.85	7 53 24	-53 34				434C23
12477	SFERNNDO	9004	63 10 22	18 38 11.86	21 35 48	-30 06				434C23
12476	WOOMERA	9003	63 10 22	19 16 10.40	1 10 36	-38 44				434C23
12484	OLFSFTN	9002	63 10 23	0 54 04.11	23 25 30	-45 10				434C23
30607	HAPEVL	8517	63 10 23	2 13 44.9	17 35 28	-15 52				641CC2
12483	ORGNPASS	9001	63 10 23	2 16 28.79	16 55 12	-11 46				434C13
12491	AREQUIPA	9007	63 10 23	6 37 54.93	0 23 00	-83 09				434C23
12492	AREQUIPA	9007	63 10 23	6 40 00.86	8 27 54	-80 13				434C23
12493	AREQUIPA	9007	63 10 23	6 43 18.77	9 51 00	-62 36				434C23
12494	AREQUIPA	9007	63 10 23	8 39 08.27	0 57 48	-74 03				434C23
12495	AREQUIPA	9007	63 10 23	8 43 43.71	9 16 54	-74 20				434C23
12490	WOOMERA	9003	63 10 23	16 15 53.02	8 54 36	-34 44				434C23
12487	OLFSFTN	9002	63 10 23	23 56 27.65	9 47 00	-37 53				434C23
12497	AREQUIPA	9007	63 10 24	5 30 45.02	8 40 00	-68 26				434C23
12498	AREQUIPA	9007	63 10 24	7 30 52.01	7 30 00	-84 30				434C23
12499	AREQUIPA	9007	63 10 24	7 35 56.46	10 27 24	-57 16				434C23
12500	AREQUIPA	9007	63 10 24	9 30 07.11	2 02 18	-67 41				434C23
12501	OLFSFTN	9002	63 10 24	22 40 51.57	7 58 24	-52 47				434C23
12516	JUPITER	9010	63 10 25	0 02 31.29	16 03 36	6 32				434C13
12517	JUPITER	9010	63 10 25	0 04 59.43	20 02 54	-34 45				434C23

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12502	OLFSFTN	9002	63 10 25	0 34 45.92	23 04 54	-49 58				434023
12519	MAUI,HA	9012	63 10 25	5 48 20.46	16 29 42	3 02				434013
12513	NAINITAL	9006	63 10 25	13 23 24.22	16 41 36	-12 27				434013
12514	NAINITAL	9006	63 10 25	13 25 06.40	18 57 30	-37 42				434023
12504	OLFSFTN	9002	63 10 25	23 28 18.44	7 05 12	-72 49				434023
12505	OLFSFTN	9002	63 10 25	23 30 56.56	8 48 24	-54 54				434023
12506	OLFSFTN	9002	63 10 26	1 31 09.77	7 49 00	-62 54				434023
12518	V.DLORES	9011	63 10 26	7 11 21.83	6 34 36	-56 25				434023
12515	AREQUIPA	9007	63 10 26	9 14 49.43	9 18 42	-57 34				434023
12510	WOOMERA	9003	63 10 26	16 36 02.97	1 00 42	-62 16				434023
12511	WOOMERA	9003	63 10 26	16 40 10.28	7 41 06	-54 24				434023
12512	WOOMERA	9003	63 10 26	18 41 49.63	7 19 48	-43 22				434023
12530	JUPITER	9010	63 10 26	23 41 07.15	16 41 30	-12 05				434013
12507	OLFSFTN	9002	63 10 27	0 13 06.95	22 57 30	-58 38				434023
12508	OLFSFTN	9002	63 10 27	0 17 31.46	7 06 00	-73 05				434023
12509	OLFSFTN	9002	63 10 27	2 20 22.11	7 05 48	-51 53				434023
12541	MAUI,HA	9012	63 10 27	5 26 56.71	17 03 06	-20 15				434013
12528	AREQUIPA	9007	63 10 27	5 56 23.88	10 04 00	-83 20				434023
12529	AREQUIPA	9007	63 10 27	7 54 20.66	23 22 30	-68 11				434023
12527	NAINITAL	9006	63 10 27	13 01 21.19	17 07 42	-26 27				434023
12523	WOOMERA	9003	63 10 27	15 27 33.13	7 19 48	-52 13				434023
12524	WOOMERA	9003	63 10 27	15 28 48.54	7 56 12	-44 23				434023
12525	WOOMERA	9003	63 10 27	17 21 44.29	23 20 18	-40 20				434023
12526	WOOMERA	9003	63 10 27	17 28 47.79	7 25 12	-51 50				434023
12520	OLFSFTN	9002	63 10 27	23 06 37.45	8 34 42	-58 22				434023
12521	OLFSFTN	9002	63 10 27	23 09 09.74	9 07 18	-43 10				434023
12522	OLFSFTN	9002	63 10 28	1 07 35.28	7 52 24	-59 02				434023
12536	V.DLORES	9011	63 10 28	4 47 56.66	7 39 12	-44 32				434023
12532	AREQUIPA	9007	63 10 28	6 43 29.22	22 04 00	-84 09				434023
12533	AREQUIPA	9007	63 10 28	6 45 47.88	9 30 30	-79 20				434023
12537	V.DLORES	9011	63 10 28	6 48 48.32	7 42 00	-45 05				434023
12534	AREQUIPA	9007	63 10 28	6 49 53.35	10 02 06	-53 52				434023
12535	AREQUIPA	9007	63 10 28	8 51 42.19	9 26 30	-47 40				434023
12538	WOOMERA	9003	63 10 28	16 13 31.96	4 21 06	-70 02				434023
12539	WOOMERA	9003	63 10 28	16 16 43.18	8 04 36	-47 07				434023
12540	WOOMERA	9003	63 10 28	18 17 03.69	6 50 48	-40 42				434023
30626	SUNNYVAL	8578	63 10 28	18 21 57.5	8 29 26	-48 14				845023
12544	V.DLORES	9011	63 10 29	5 32 31.80	3 35 36	-68 46				434023
12545	V.DLORES	9011	63 10 29	5 35 45.09	7 49 48	-46 18				434023
12542	AREQUIPA	9007	63 10 29	7 31 54.57	1 24 12	-81 21				434023
12546	V.DLORES	9011	63 10 29	7 36 13.33	6 43 24	-37 08				434023
12543	AREQUIPA	9007	63 10 29	7 36 14.80	9 19 00	-63 01				434023
12549	WOOMERA	9003	63 10 29	16 57 52.52	23 28 54	-47 45				434023
12550	WOOMERA	9003	63 10 29	17 03 34.86	7 14 36	-49 25				434023
12551	WOOMERA	9003	63 10 29	19 00 10.37	2 46 06	-33 07				434023
12552	WOOMERA	9003	63 10 29	19 05 11.72	6 28 54	-19 22				434013
12547	OLFSFTN	9002	63 10 29	22 40 34.67	8 21 30	-63 23				434023
12548	OLFSFTN	9002	63 10 30	0 42 38.73	8 04 12	-52 00				434023
12557	WOOMERA	9003	63 10 30	15 48 30.04	6 44 36	-61 29				434023
12558	WOOMERA	9003	63 10 30	15 50 20.82	7 57 18	-45 00				434023
12553	OLFSFTN	9002	63 10 30	23 24 57.15	4 22 00	-81 34				434023
12554	OLFSFTN	9002	63 10 30	23 27 29.86	8 20 12	-59 22				434023
12555	OLFSFTN	9002	63 10 31	1 28 00.70	6 12 18	-46 00				434023
12556	OLFSFTN	9002	63 10 31	1 30 38.57	8 02 12	-27 48				434023
12559	V.DLORES	9011	63 10 31	5 08 45.47	7 51 42	-41 08				434023
12567	AREQUIPA	9007	63 10 31	9 11 32.79	7 50 42	-29 53				434023
12565	WOOMERA	9003	63 10 31	16 35 07.57	6 57 48	-48 04				434023
12566	WOOMERA	9003	63 10 31	18 36 03.09	5 47 06	-16 05				434013
30628	SUNNYVAL	8578	63 10 31	18 41 26.5	7 10 31	-21 44				845013
12560	OLFSFTN	9002	63 10 31	22 14 25.15	8 39 48	-43 20				434023
12561	OLFSFTN	9002	63 10 31	22 16 18.19	8 50 36	-33 18				434023
12579	AREQUIPA	9007	63 10 31	23 44 34.19	21 31 30	50 28				434013
12580	AREQUIPA	9007	63 10 31	23 46 17.62	1 02 18	15 10				434013
12562	OLFSFTN	9002	63 11 01	0 09 42.87	1 27 00	-69 52				434023
12563	OLFSFTN	9002	63 11 01	0 13 43.63	7 52 00	-49 11				434023
12564	OLFSFTN	9002	63 11 01	2 17 03.01	7 28 54	- 2 53				434013
12581	AREQUIPA	9007	63 11 01	5 51 00.48	9 46 00	-76 48				434023
12582	AREQUIPA	9007	63 11 01	5 54 19.98	9 32 00	-52 57				434023
12574	WOOMERA	9003	63 11 01	15 24 00.39	8 30 12	-22 32				434013
30629	SUNNYVAL	8578	63 11 01	17 24 37.5	7 26 52	-45 28				845023
12584	AREQUIPA	9007	63 11 02	0 28 18.17	17 35 42	7 44				434013
12585	AREQUIPA	9007	63 11 02	6 33 51.97	23 27 30	-81 40				434023
12586	AREQUIPA	9007	63 11 02	6 43 46.70	9 45 36	-23 50				434023
12575	WOOMERA	9003	63 11 02	16 03 48.41	6 12 42	-51 57				434023
12576	WOOMERA	9003	63 11 02	16 06 20.86	7 48 36	-28 22				434023
12568	OLFSFTN	9002	63 11 02	17 35 36.01	20 10 30	38 10				434013
12569	OLFSFTN	9002	63 11 02	17 37 29.17	0 05 00	13 35				434013
12577	WOOMERA	9003	63 11 02	18 05 37.24	5 47 48	- 7 22				434013
12570	OLFSFTN	9002	63 11 02	23 40 02.47	4 26 12	-70 55				434023
12571	OLFSFTN	9002	63 11 02	23 43 46.35	8 08 36	-36 00				434023
12572	OLFSFTN	9002	63 11 03	1 43 03.47	5 34 36	-12 16				434013
12573	OLFSFTN	9002	63 11 03	1 47 40.36	8 00 24	12 11				434013
12588	AREQUIPA	9007	63 11 03	7 23 27.97	8 02 30	-45 38				434023

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12589	AREQUIPA	9007	63 11 03	9 23 14.67	5 16 30	-10 57				434013
12596	MAUI,HA	9012	63 11 03	15 19 45.01	10 49 12	-14 41				434013
12595	WOOMERA	9003	63 11 03	16 49 08.84	6 25 12	-23 19				434023
12594	WOOMERA	9003	63 11 03	18 51 25.69	6 07 54	19 06				434013
12590	OLFSFTN	9002	63 11 03	22 29 32.78	8 40 18	-24 48				434023
12606	V.DLORES	9011	63 11 04	0 00 33.01	20 43 18	33 32				434013
12591	OLFSFTN	9002	63 11 04	0 22 35.18	1 45 54	-51 02				434023
12592	OLFSFTN	9002	63 11 04	0 28 18.36	7 33 24	-15 39				434013
12593	OLFSFTN	9002	63 11 04	2 21 52.60	2 30 24	-12 10				434013
12607	V.DLORES	9011	63 11 04	6 07 14.89	6 58 24	-11 05				434013
12608	V.DLORES	9011	63 11 04	8 05 26.32	4 32 12	9 21				434013
12604	MAUI,HA	9012	63 11 04	14 01 04.80	10 26 30	-26 01				434023
12603	WOOMERA	9003	63 11 04	17 33 42.69	6 16 48	5 19				434013
12600	OLFSFTN	9002	63 11 04	23 10 51.77	8 02 48	-28 40				434023
12601	OLFSFTN	9002	63 11 04	23 12 47.19	8 27 30	-15 32				434013
12605	NAINITAL	9006	63 11 04	23 38 18.75	10 52 06	-13 04				434013
12598	OLFSFTN	9002	63 11 05	1 04 56.07	1 38 00	-27 31				434023
12599	OLFSFTN	9002	63 11 05	1 11 14.76	6 22 48	4 34				434013
12609	OLFSFTN	9002	63 11 05	17 46 18.95	18 01 54	-21 21				434013
12610	OLFSFTN	9002	63 11 05	17 49 45.34	4 48 30	-53 01				434023
30636	SUMMYVAL	8578	63 11 05	18 19 24.35	5 11 10	10 20				845013
12611	OLFSFTN	9002	63 11 05	23 53 33.01	7 13 42	-12 00				434013
12612	OLFSFTN	9002	63 11 05	23 56 26.45	8 13 36	4 17				434013
12615	V.DLORES	9011	63 11 06	1 25 50.59	18 30 48	-25 31				434023
12613	OLFSFTN	9002	63 11 06	1 51 33.56	4 17 12	11 14				434013
12614	OLFSFTN	9002	63 11 06	1 55 07.77	6 07 12	28 00				434013
12618	AREQUIPA	9007	63 11 06	5 36 32.52	9 07 48	-16 35				434013
12616	V.DLORES	9011	63 11 06	7 29 03.96	3 16 54	7 23				434013
12623	ORGNPASS	9001	63 11 06	11 32 47.02	8 17 06	-39 51				434023
12622	ORGNPASS	9001	63 11 06	11 39 14.90	10 14 30	-17 37				434013
12626	WOOMERA	9003	63 11 06	16 58 40.16	6 10 24	12 14				434013
12627	WOOMERA	9003	63 11 06	16 59 45.06	6 43 30	16 28				434013
12624	OLFSFTN	9002	63 11 06	18 29 00.32	16 53 18	-54 25				434023
12625	OLFSFTN	9002	63 11 06	18 31 13.52	7 43 12	-74 59				434023
12628	WOOMERA	9003	63 11 06	18 54 46.14	3 21 42	16 30				434013
12629	WOOMERA	9003	63 11 06	18 58 15.78	4 49 12	30 34				434013
12619	OLFSFTN	9002	63 11 07	0 34 30.94	5 28 30	4 25				434013
12620	OLFSFTN	9002	63 11 07	0 36 23.06	6 36 36	14 52				434013
12621	OLFSFTN	9002	63 11 07	0 38 07.02	7 23 42	21 30				434013
12638	AREQUIPA	9007	63 11 07	8 10 40.97	3 01 54	-15 13				434013
12634	WOOMERA	9003	63 11 07	11 33 24.08	17 50 42	-27 39				434023
12633	WOOMERA	9003	63 11 07	11 35 10.22	18 06 00	-67 58				434023
12630	ORGNPASS	9001	63 11 07	12 20 30.93	9 49 18	- 7 55				434013
12635	WOOMERA	9003	63 11 07	17 39 57.04	5 14 06	27 08				434013
30637	SUMMYVAL	8578	63 11 07	17 42 03.6	4 27 26	11 47				845013
30638	SUMMYVAL	8578	63 11 07	17 42 08.0	4 30 04	12 14				845013
12631	OLFSFTN	9002	63 11 08	1 15 57.89	4 43 18	24 00				434013
12632	OLFSFTN	9002	63 11 08	1 19 34.32	6 34 00	37 32				434013
12636	SFERNNDO	9004	63 11 08	5 24 35.54	10 05 00	- 8 37				434013
12644	AREQUIPA	9007	63 11 08	6 57 04.86	7 29 18	1 53				434013
12645	AREQUIPA	9007	63 11 08	6 58 55.22	8 11 12	12 08				434013
12646	AREQUIPA	9007	63 11 08	8 51 23.99	2 54 36	4 00				434013
12647	AREQUIPA	9007	63 11 08	8 56 37.65	5 05 06	31 51				434013
12655	JUPITER	9010	63 11 08	9 03 54.35	9 17 06	-22 58				434013
12640	WOOMERA	9003	63 11 08	10 15 30.02	18 13 00	-19 42				434013
12641	WOOMERA	9003	63 11 08	10 17 05.04	23 53 00	-68 04				434023
12642	WOOMERA	9003	63 11 08	10 18 34.92	4 21 06	-44 40				434023
12643	WOOMERA	9003	63 11 08	18 20 41.15	4 42 24	36 45				434013
12650	SHIRAZ	9008	63 11 09	0 09 02.64	7 33 48	-40 53				434023
12651	SHIRAZ	9008	63 11 09	0 15 41.56	9 46 54	-14 12				434013
12656	V.DLORES	9011	63 11 09	1 30 25.94	17 50 36	-51 03				434023
12648	AREQUIPA	9007	63 11 09	7 36 56.64	6 07 30	24 35				434013
12649	AREQUIPA	9007	63 11 09	7 39 24.87	7 24 12	34 30				434013
12652	CURACAO	9009	63 11 09	7 43 55.01	8 57 42	-10 42				434013
12653	CURACAO	9009	63 11 09	9 38 36.06	4 49 30	- 4 34				434013
12654	CURACAO	9009	63 11 09	9 43 39.73	6 45 30	24 43				434013
12665	JUPITER	9010	63 11 09	9 44 52.09	9 10 30	- 5 49				434013
12660	WOOMERA	9003	63 11 09	10 57 12.96	7 07 30	-83 38				434023
12661	WOOMERA	9003	63 11 09	10 58 19.21	5 58 48	-58 14				434023
12669	TOKYO	9005	63 11 09	19 16 08.70	9 49 54	- 5 48				434013
12677	V.DLORES	9011	63 11 10	0 09 45.49	17 16 30	-28 21				434023
12676	V.DLORES	9011	63 11 10	0 13 27.67	5 35 18	-50 59				434023
12662	SHIRAZ	9008	63 11 10	0 53 53.26	8 59 54	- 6 53				434013
12664	CURACAO	9009	63 11 10	6 26 20.67	9 52 42	- 5 44				434013
12657	ORGNPASS	9001	63 11 10	10 14 12.05	7 58 30	-36 25				434023
12658	ORGNPASS	9001	63 11 10	10 18 46.24	9 24 48	-18 11				434013
30635	HAPEVL	8517	63 11 10	12 16 00.7	9 20 54	-15 08				641003
12659	ORGNPASS	9001	63 11 10	12 19 29.99	9 08 42	8 13				434013
12670	NAINITAL	9006	63 11 10	21 34 32.18	7 59 12	-35 37				434023
12671	NAINITAL	9006	63 11 10	21 40 19.32	9 48 06	-10 33				434013
12673	SHIRAZ	9008	63 11 10	23 26 43.42	7 16 12	-41 41				434023
12674	SHIRAZ	9008	63 11 10	23 33 01.70	9 25 48	-14 28				434013
12672	NAINITAL	9006	63 11 10	23 39 09.02	8 49 06	11 03				434013
12681	AREQUIPA	9007	63 11 11	8 55 06.07	4 31 30	47 40				434013

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12678	WOOMERA	9003	63 11 11	10 14 24.72	16 01 42	-75 30				434023
12668	ORGNPASS	9001	63 11 11	10 58 40.96	9 51 06	- 0 17				434013
30634	PITTSBGH	8559	63 11 11	11 05 25.75	9 43 32	8 03				845013
12683	MAUI,HA	9012	63 11 11	12 43 41.41	9 16 06	-13 30				434013
12684	MAUI,HA	9012	63 11 11	12 48 13.92	10 26 24	4 48				434013
12685	MAUI,HA	9012	63 11 11	14 44 50.93	8 58 54	25 49				434013
12708	TOKYO	9005	63 11 11	18 32 19.30	9 33 12	- 5 36				434013
12679	NAINITAL	9006	63 11 11	22 09 18.14	6 02 12	-37 33				434023
12680	NAINITAL	9006	63 11 11	22 16 41.42	9 08 06	- 4 38				434013
12686	ORGNPASS	9001	63 11 12	9 32 23.60	8 35 36	-25 41				434023
12687	ORGNPASS	9001	63 11 12	9 35 17.67	9 26 48	-13 33				434013
12688	ORGNPASS	9001	63 11 12	9 41 12.45	10 59 30	4 49				434013
12690	WOOMERA	9003	63 11 12	10 50 43.22	16 22 18	-50 33				434023
12691	WOOMERA	9003	63 11 12	10 52 55.50	7 27 42	-71 10				434023
12694	MAUI,HA	9012	63 11 12	15 24 57.02	10 10 54	52 02				434013
12692	NAINITAL	9006	63 11 12	20 52 42.78	8 49 48	-20 41				434013
12693	NAINITAL	9006	63 11 12	20 56 35.83	9 54 42	- 4 36				434013
12698	V.DLORES	9011	63 11 13	0 04 44.71	16 14 54	-57 12				434023
12699	V.DLORES	9011	63 11 13	0 07 05.05	6 11 18	-58 17				434023
12695	ORGNPASS	9001	63 11 13	10 06 38.20	7 14 36	-27 29				434023
12696	ORGNPASS	9001	63 11 13	10 14 05.80	10 08 48	4 56				434013
30646	DUFANPRT	8656	63 11 13	10 27 45.8	12 32 15	22 53				845042
12700	WOOMERA	9003	63 11 13	11 27 35.57	16 40 18	-56 46				434023
12697	ORGNPASS	9001	63 11 13	12 11 43.70	8 46 06	26 13				434013
12703	MAUI,HA	9012	63 11 13	13 54 07.09	6 23 12	- 0 41				434013
12701	NAINITAL	9006	63 11 13	23 30 33.95	8 27 00	31 12				434013
12704	SHIRAZ	9008	63 11 14	1 16 58.04	4 59 12	- 4 17				434013
12705	SHIRAZ	9008	63 11 14	1 24 49.12	8 43 36	34 34				434013
12706	ORGNPASS	9001	63 11 14	10 42 17.00	6 24 42	-16 05				434013
12707	ORGNPASS	9001	63 11 14	10 50 15.53	10 18 12	18 33				434013
12712	MAUI,HA	9012	63 11 14	12 37 10.71	10 02 30	14 55				434013
12714	MAUI,HA	9012	63 11 14	14 32 20.27	6 40 30	34 39				434013
12715	MAUI,HA	9012	63 11 14	14 35 07.09	8 40 30	47 28				434013
30644	BAHAMAS	0402	63 11 14	17 38 00.7			198 35 00	35 39 00		845303
12709	NAINITAL	9006	63 11 14	20 09 02.51	9 38 12	- 4 13				434013
12710	NAINITAL	9006	63 11 15	0 00 02.31	4 59 36	11 50				434013
12716	SHIRAZ	9008	63 11 15	0 03 40.21	10 41 36	25 39				434013
12711	NAINITAL	9006	63 11 15	0 05 37.66	7 24 12	41 07				434013
12717	ORGNPASS	9001	63 11 15	9 22 55.04	8 56 12	- 6 20				434013
12718	ORGNPASS	9001	63 11 15	9 25 42.54	9 54 42	4 27				434013
12744	JUPITER	9010	63 11 15	9 32 29.39	11 04 36	42 21				434013
12725	WOOMERA	9003	63 11 15	10 40 27.06	15 21 18	-66 27				434023
12726	WOOMERA	9003	63 11 15	10 42 40.19	6 17 42	-54 06				434023
12719	ORGNPASS	9001	63 11 15	11 16 42.82	5 23 42	- 5 06				434013
12720	ORGNPASS	9001	63 11 15	11 24 29.72	9 40 24	30 28				434013
12750	MAUI,HA	9012	63 11 15	13 12 18.96	10 05 18	31 02				434013
12737	SHIRAZ	9008	63 11 16	0 30 03.21	5 29 30	5 27				434013
12738	SHIRAZ	9008	63 11 16	0 38 09.26	10 33 36	39 04				434013
12745	JUPITER	9010	63 11 16	8 06 27.19	10 16 48	24 37				434013
12727	WOOMERA	9003	63 11 16	11 14 50.54	16 50 24	-58 13				434023
12728	WOOMERA	9003	63 11 16	11 16 34.98	6 19 00	-73 02				434023
30653	HAPEVL	8517	63 11 16	11 51 53.0			180 00 00	50 00 00		641304
30654	HAPEVL	8517	63 11 16	13 55 50.0			180 00 00	86 43 12		641304
12767	TOKYO	9005	63 11 16	17 30 14.60	8 26 30	- 0 23				434013
12768	TOKYO	9005	63 11 16	17 33 13.30	9 48 12	10 50				434013
30660	BRATSLV	8626	63 11 16	19 27 06.3	7 34 00	29 18				845013
12769	TOKYO	9005	63 11 16	19 32 32.00	9 40 06	36 19				434013
12739	SHIRAZ	9008	63 11 16	23 10 01.41	9 00 24	14 50				434013
12740	SHIRAZ	9008	63 11 16	23 12 54.88	10 20 36	22 52				434013
12748	V.DLORES	9011	63 11 17	0 26 48.90	16 52 00	-51 53				434023
12749	V.DLORES	9011	63 11 17	0 28 59.70	5 36 00	-64 52				434023
12741	SHIRAZ	9008	63 11 17	1 03 20.07	4 34 06	13 02				434013
12729	SFERNNDO	9004	63 11 17	2 57 03.73	9 03 18	2 21				434013
12742	CURACAO	9009	63 11 17	8 36 26.08	4 28 54	58 56				434013
12721	ORGNPASS	9001	63 11 17	8 36 30.23	10 04 18	7 33				434013
12722	ORGNPASS	9001	63 11 17	10 29 32.41	7 07 30	12 50				434013
12723	ORGNPASS	9001	63 11 17	10 34 24.63	10 10 42	29 53				434013
12747	JUPITER	9010	63 11 17	10 39 43.46	9 26 00	63 35				434013
12770	TOKYO	9005	63 11 17	18 09 18.00	10 59 24	25 36				434013
12771	TOKYO	9005	63 11 17	19 59 12.50	5 14 54	16 39				434013
12734	NAINITAL	9006	63 11 17	21 49 15.69	8 09 48	27 15				434013
12735	NAINITAL	9006	63 11 17	21 53 18.00	10 39 12	34 56				434013
12755	SHIRAZ	9008	63 11 17	23 42 42.73	8 03 06	28 36				434013
12756	SHIRAZ	9008	63 11 17	23 46 34.60	10 33 00	36 04				434013
12736	NAINITAL	9006	63 11 17	23 50 30.86	8 15 18	57 16				434013
12730	SFERNNDO	9004	63 11 18	3 28 47.05	7 57 30	7 50				434013
12731	SFERNNDO	9004	63 11 18	3 32 51.43	10 10 42	20 32				434013
12732	SFERNNDO	9004	63 11 18	5 22 41.10	4 43 06	7 51				434013
12733	SFERNNDO	9004	63 11 18	5 30 24.02	8 48 30	40 01				434013
12743	CURACAO	9009	63 11 18	9 13 02.06	5 41 00	75 44				434013
12761	WOOMERA	9003	63 11 18	10 23 31.30	15 54 18	-59 38				434023
12762	WOOMERA	9003	63 11 18	10 25 35.91	5 50 12	-61 20				434023
12759	ORGNPASS	9001	63 11 18	11 01 39.47	5 44 48	20 56				434013
12760	ORGNPASS	9001	63 11 18	11 07 17.04	9 56 06	42 10				434013
30652	HAPEVL	8517	63 11 18	13 02 12.5			180 00 00	84 10 23		641304

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12785	MAUI,HA	9012	63 11 18	14 49 13.75	4 27 48	51 41				434C13
12786	MAUI,HA	9012	63 11 18	14 54 05.93	9 20 48	71 45				434C13
12772	TOKYO	9005	63 11 18	18 43 37.00	11 53 12	32 40				434C13
12773	SHIRAZ	9008	63 11 18	22 20 58.54	10 25 30	21 23				434C13
12763	SFERNNDO	9004	63 11 19	2 07 33.74	10 09 30	10 42				434C13
12764	SFERNNDO	9004	63 11 19	4 05 56.22	10 34 54	31 00				434C13
12765	SFERNNDO	9004	63 11 19	5 56 19.81	4 57 24	18 42				434C13
12766	SFERNNDO	9004	63 11 19	6 00 20.37	6 39 00	35 38				434C13
12774	CURACAO	9009	63 11 19	7 47 09.96	9 40 48	72 50				434C13
12810	JUPITER	9010	63 11 19	7 47 32.47	10 33 36	35 25				434C13
12811	JUPITER	9010	63 11 19	9 40 15.57	4 41 24	40 35				434C13
12775	ORGNPASS	9001	63 11 19	9 42 34.89	10 51 24	27 43				434C13
12776	ORGNPASS	9001	63 11 19	9 44 24.78	11 30 36	27 36				434C13
12812	JUPITER	9010	63 11 19	9 46 53.17	10 53 36	60 52				434C13
30655	OCEANPRT	8656	63 11 19	9 53 17.2	12 41 00	25 50				845C42
12777	WOOMERA	9003	63 11 19	10 56 24.62	17 42 36	-58 49				434C23
12778	WOOMERA	9003	63 11 19	10 57 53.39	3 42 18	-65 25				434C23
12802	MAUI,HA	9012	63 11 19	13 25 56.00	9 14 12	60 25				434C13
12803	MAUI,HA	9012	63 11 19	13 27 54.67	10 49 54	57 07				434C13
12804	MAUI,HA	9012	63 11 19	15 19 07.97	3 23 42	39 13				434C13
12805	MAUI,HA	9012	63 11 19	15 25 57.92	7 27 18	75 07				434C13
12783	NAINITAL	9006	63 11 19	22 51 37.85	4 53 18	37 38				434C13
12787	SHIRAZ	9008	63 11 19	22 52 16.09	10 27 24	32 04				434C13
12790	V.DLORES	9011	63 11 20	0 09 31.23	4 10 00	-38 50				434C23
12788	SHIRAZ	9008	63 11 20	0 45 08.67	4 55 54	38 34				434C13
12789	SHIRAZ	9008	63 11 20	0 51 36.54	10 53 24	56 08				434C13
12779	SFERNNDO	9004	63 11 20	2 38 35.29	10 07 42	18 03				434C13
12780	SFERNNDO	9004	63 11 20	4 31 17.50	5 45 00	22 40				434C13
12781	SFERNNDO	9004	63 11 20	4 37 24.23	10 24 12	39 20				434C13
12799	JUPITER	9010	63 11 20	8 17 10.29	9 19 30	49 50				434C13
12800	JUPITER	9010	63 11 20	8 18 56.68	10 36 36	47 53				434C13
12821	JUPITER	9010	63 11 20	10 10 19.90	3 47 48	34 10				434C13
12801	JUPITER	9010	63 11 20	10 18 26.31	10 23 12	67 00				434C13
12794	WOOMERA	9003	63 11 20	11 28 26.19	19 57 06	-33 16				434C23
12792	ORGNPASS	9001	63 11 20	12 03 38.44	4 10 42	24 27				434C13
12806	MAUI,HA	9012	63 11 20	13 58 09.87	9 23 06	70 49				434C13
12807	MAUI,HA	9012	63 11 20	14 00 46.20	11 52 06	63 01				434C13
12808	SHIRAZ	9008	63 11 20	23 22 40.07	10 08 24	44 32				434C13
12813	V.DLORES	9011	63 11 21	0 39 45.18	21 45 00	-30 23				434C23
12795	SFERNNDO	9004	63 11 21	3 07 54.86	9 18 12	25 51				434C13
12796	SFERNNDO	9004	63 11 21	3 10 36.22	10 44 42	27 11				434C13
12797	SFERNNDO	9004	63 11 21	5 00 55.59	4 42 18	21 35				434C13
12798	SFERNNDO	9004	63 11 21	5 08 43.71	10 26 18	44 19				434C13
12818	JUPITER	9010	63 11 21	8 47 03.72	7 24 12	60 41				434C13
12819	JUPITER	9010	63 11 21	8 50 36.75	11 09 30	56 15				434C13
12820	JUPITER	9010	63 11 21	10 45 03.83	5 07 06	54 45				434C13
30665	HAPEVL	8517	63 11 21	12 37 52.6			180 CC CC	89 26 24		641304
12843	MAUI,HA	9012	63 11 21	14 30 41.88	11 03 48	73 47				434C13
30662	BRATSLV	8626	63 11 21	20 07 05.5	4 49 24	41 42				845C13
12816	SFERNNDO	9004	63 11 22	5 30 20.37	4 17 12	20 59				434C13
50214	SN DIEGO	2715	63 11 22	5 37 00.6			224 33 36	45 18 CC		637102
12817	SFERNNDO	9004	63 11 22	5 38 08.69	9 14 54	47 10				434C13
50215	SN DIEGO	2715	63 11 22	5 45 05.0			138 27 36	41 08 24		637102
12861	JUPITER	9010	63 11 22	9 17 08.02	5 58 00	64 05				434C13
12830	WOOMERA	9003	63 11 22	10 31 37.52	18 46 00	-45 30				434C23
12831	WOOMERA	9003	63 11 22	10 33 55.37	3 10 42	-10 49				434C13
12844	MAUI,HA	9012	63 11 22	13 05 20.35	12 30 12	49 53				434C13
50220	BLFST'A	5095	63 11 22	13 10 39.0	9 30 30	56 12				637047
12845	MAUI,HA	9012	63 11 22	14 59 39.38	7 23 42	78 47				434C13
12846	MAUI,HA	9012	63 11 22	15 04 40.51	13 30 00	61 19				434C13
12854	TOKYO	9005	63 11 22	16 49 03.10	10 52 30	26 14				434C13
12828	OLFSFTN	9002	63 11 22	18 05 10.94	19 04 00	-68 42				434C23
12829	OLFSFTN	9002	63 11 22	18 06 16.95	2 56 00	-59 30				434C23
12855	TOKYO	9005	63 11 22	18 41 24.30	5 55 06	38 59				434C13
12856	TOKYO	9005	63 11 22	18 46 40.40	10 47 06	43 45				434C13
12832	NAINITAL	9006	63 11 22	22 27 13.14	6 09 30	60 00				434C13
12833	NAINITAL	9006	63 11 22	22 31 22.51	11 11 06	57 19				434C13
12840	JUPITER	9010	63 11 23	7 51 55.51	11 08 00	50 37				434C13
12824	ORGNPASS	9001	63 11 23	9 44 49.06	10 22 36	43 08				434C13
30666	URMSTON	8604	63 11 23	9 50 41.55	11 26 30	62 30				845C33
12822	ORGNPASS	9001	63 11 23	11 44 18.45	10 32 30	55 37				434C13
30687	BRATSLV	8626	63 11 23	19 09 28.2	5 50 00	55 18				845C13
30688	TERRHAUT	8627	63 11 23	19 12 01.8	8 05 30	52 48				845C13
12834	NAINITAL	9006	63 11 23	22 55 21.37	4 32 30	53 39				434C13
12836	SHIRAZ	9008	63 11 23	22 55 34.93	11 15 30	44 13				434C13
12835	NAINITAL	9006	63 11 23	23 01 14.95	11 28 12	58 35				434C13
12841	V.DLORES	9011	63 11 24	0 09 59.26	18 34 12	-14 06				434C13
12842	V.DLORES	9011	63 11 24	0 12 52.59	0 12 54	22 41				434C13
12837	SHIRAZ	9008	63 11 24	0 48 59.25	4 54 48	55 46				434C13
12838	SHIRAZ	9008	63 11 24	0 54 47.23	11 40 48	56 38				434C13
50218	SN DIEGO	2715	63 11 24	4 40 59.9			160 01 48	51 10 12		637102
12839	CURACAO	9009	63 11 24	8 21 00.10	8 54 00	86 54				434C13
12825	ORGNPASS	9001	63 11 24	10 16 23.82	11 53 06	40 38				434C13
12826	ORGNPASS	9001	63 11 24	12 05 33.94	3 58 42	34 05				434C13
12827	ORGNPASS	9001	63 11 24	12 14 00.87	10 51 54	51 54				434C13
12847	MAUI,HA	9012	63 11 24	13 58 20.47	6 52 00	80 46				434C13

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12848	MAUI,HA	9012	63 11 24	14 01 24.96	12 17 12	69 33				434013
12858	SHIRAZ	9008	63 11 24	23 22 56.00	10 50 42	55 06				434013
12859	SHIRAZ	9008	63 11 24	23 25 02.31	11 54 42	45 56				434013
12860	SHIRAZ	9008	63 11 25	1 23 04.33	11 08 36	57 50				434013
30681	HAPEVL	8517	63 11 25	12 36 22.9			0 00 00	88 37 12		641304
12849	ORGNPASS	9001	63 11 25	12 40 12.31	8 36 36	51 18				434013
12857	TOKYO	9005	63 11 25	20 11 34.20	9 13 12	41 04				434013
12850	SFERNNDO	9004	63 11 26	3 34 46.70	9 24 18	45 02				434013
12851	SFERNNDO	9004	63 11 26	3 36 53.90	10 56 42	37 38				434013
12852	SFERNNDO	9004	63 11 26	5 27 48.78	4 33 18	29 32				434013
12853	SFERNNDO	9004	63 11 26	5 33 01.03	8 11 36	41 49				434013
12875	JUPITER	9010	63 11 26	9 13 02.22	5 36 30	70 25				434013
12876	JUPITER	9010	63 11 26	9 17 10.83	11 46 30	60 23				434013
12862	ORGNPASS	9001	63 11 26	11 06 10.59	6 18 06	58 17				434013
12863	ORGNPASS	9001	63 11 26	11 11 17.44	11 43 12	44 33				434013
12864	OLFSFTN	9002	63 11 26	17 59 15.59	18 47 06	-10 29				434013
30668	BAHAMAS	0402	63 11 26	17 59 36.6			356 16 00	19 16 00		845303
12865	OLFSFTN	9002	63 11 26	18 01 18.12	21 23 06	19 18				434013
12869	TOKYO	9005	63 11 26	18 37 02.20	6 52 24	49 46				434013
12871	NAINITAL	9006	63 11 26	22 22 02.98	7 09 36	68 52				434013
12872	NAINITAL	9006	63 11 26	22 26 58.17	12 14 54	46 54				434013
12877	SHIRAZ	9008	63 11 27	0 15 21.93	7 44 12	68 04				434013
12873	NAINITAL	9006	63 11 27	0 17 33.25	4 41 54	41 29				434013
12878	SHIRAZ	9008	63 11 27	0 19 42.08	12 07 00	47 42				434013
12874	NAINITAL	9006	63 11 27	0 22 08.54	7 54 00	52 37				434013
12866	SFERNNDO	9004	63 11 27	4 01 06.16	8 53 06	47 11				434013
12867	SFERNNDO	9004	63 11 27	4 04 01.30	11 09 48	35 30				434013
12868	SFERNNDO	9004	63 11 27	6 02 14.33	10 03 54	27 35				434013
12896	JUPITER	9010	63 11 27	9 38 54.16	4 43 54	63 22				434013
12880	ORGNPASS	9001	63 11 27	9 39 18.41	11 42 48	38 35				434013
12879	CURACAO	9009	63 11 27	9 50 08.34	13 43 48	58 48				434013
12881	ORGNPASS	9001	63 11 27	11 31 04.66	4 47 06	47 50				434013
12898	MAUI,HA	9012	63 11 27	13 24 50.36	12 38 24	63 11				434013
30682	HAPEVL	8517	63 11 27	13 31 43.7			180 00 00	75 00 36		641304
12899	MAUI,HA	9012	63 11 27	15 24 59.51	12 16 00	61 40				434013
12886	TOKYO	9005	63 11 27	17 10 12.00	11 31 30	30 35				434013
12887	TOKYO	9005	63 11 27	19 01 56.10	5 30 24	42 14				434013
12888	TOKYO	9005	63 11 27	19 07 35.00	10 49 24	35 21				434013
12889	NAINITAL	9006	63 11 27	22 47 18.41	5 28 48	62 45				434013
12890	NAINITAL	9006	63 11 27	22 52 44.04	11 51 18	47 43				434013
12894	AREQUIPA	9007	63 11 28	0 02 38.31	18 28 48	-65 13				434023
12895	AREQUIPA	9007	63 11 28	0 05 01.46	3 34 36	-25 47				434023
12897	JUPITER	9010	63 11 28	8 11 45.77	12 12 42	49 35				434013
12882	ORGNPASS	9001	63 11 28	10 03 25.09	11 02 00	48 00				434013
12883	ORGNPASS	9001	63 11 28	10 06 54.41	12 18 06	30 53				434013
12884	ORGNPASS	9001	63 11 28	11 56 37.35	4 55 30	42 07				434013
12885	ORGNPASS	9001	63 11 28	12 02 57.05	10 36 06	38 30				434013
12913	TOKYO	9005	63 11 28	19 27 16.00	5 33 36	36 18				434013
12914	TOKYO	9005	63 11 28	19 37 54.80	12 30 54	8 08				434013
12891	NAINITAL	9006	63 11 28	21 19 17.84	11 54 18	45 14				434013
12892	NAINITAL	9006	63 11 28	23 11 48.87	4 44 42	52 46				434013
12900	SHIRAZ	9008	63 11 28	23 13 28.34	12 14 18	38 18				434013
12893	NAINITAL	9006	63 11 28	23 18 21.38	11 29 18	42 29				434013
12925	AREQUIPA	9007	63 11 29	0 28 24.63	19 31 12	-19 51				434013
12901	ORGNPASS	9001	63 11 29	10 27 18.78	9 48 06	54 46				434013
12903	ORGNPASS	9001	63 11 29	10 30 38.41	11 49 48	34 48				434013
12902	ORGNPASS	9001	63 11 29	12 29 22.85	10 54 36	21 38				434013
12935	MAUI,HA	9012	63 11 29	14 18 56.42	13 08 00	45 18				434013
12917	NAINITAL	9006	63 11 29	21 43 17.98	11 30 54	50 05				434013
12918	NAINITAL	9006	63 11 29	21 45 05.60	12 08 30	39 14				434013
12919	NAINITAL	9006	63 11 29	23 35 28.00	4 25 12	42 09				434013
12926	SHIRAZ	9008	63 11 29	23 36 15.54	11 31 06	48 35				434013
12927	SHIRAZ	9008	63 11 29	23 38 31.24	12 16 12	35 17				434013
12920	NAINITAL	9006	63 11 29	23 43 31.55	11 07 06	32 17				434013
12909	SFERNNDO	9004	63 11 30	3 20 42.16	10 42 54	32 50				434013
12910	SFERNNDO	9004	63 11 30	3 22 52.01	11 35 18	23 06				434013
12911	SFERNNDO	9004	63 11 30	5 13 00.75	5 12 54	28 29				434013
12912	SFERNNDO	9004	63 11 30	5 20 07.82	10 24 36	15 24				434013
12930	CURACAO	9009	63 11 30	8 58 39.99	3 30 12	74 32				434013
12931	CURACAO	9009	63 11 30	9 04 25.09	12 31 30	67 08				434013
12932	CURACAO	9009	63 11 30	9 12 17.04	14 11 48	26 49				434013
12904	ORGNPASS	9001	63 11 30	10 51 15.16	8 44 12	52 48				434013
30677	KANCITY	0036	63 11 30	10 54 15.50	8 44 12	19 57				845013
12905	ORGNPASS	9001	63 11 30	10 55 22.57	11 41 30	28 45				434013
12906	ORGNPASS	9001	63 11 30	12 46 22.76	5 49 12	27 51				434013
12907	ORGNPASS	9001	63 11 30	12 50 04.71	8 05 48	23 48				434013
12936	MAUI,HA	9012	63 11 30	14 36 08.65	5 02 36	72 30				434013
12937	MAUI,HA	9012	63 11 30	14 42 39.43	12 36 36	46 32				434013
12915	TOKYO	9005	63 11 30	18 21 02.20	8 41 06	41 13				434013
12916	TOKYO	9005	63 11 30	18 26 38.50	11 54 00	14 09				434013
12945	TOKYO	9005	63 11 30	20 23 10.40	10 11 06	2 17				434013
12921	NAINITAL	9006	63 11 30	22 07 30.43	11 14 18	47 18				434013
12922	NAINITAL	9006	63 11 30	22 13 37.07	12 55 42	15 54				434013
12933	JUPITER	9010	63 12 01	9 21 26.45	7 18 48	63 27				434013
12934	JUPITER	9010	63 12 01	9 26 36.45	11 55 24	33 56				434013

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30669	PITTSBGH	8559	63 12 01	9 31 21.07	12 23 12	- 9 00				845013
30689	PERIVALE	8637	63 12 01	11 16 37.24	11 33 16	22 11				845013
12908	ORGNPASS	9001	63 12 01	11 19 19.17	11 24 54	19 49				434013
12938	MAUI,HA	9012	63 12 01	13 05 55.72	12 33 54	54 26				434013
12939	MAUI,HA	9012	63 12 01	13 08 54.03	12 56 18	38 17				434013
12940	MAUI,HA	9012	63 12 01	14 59 02.97	4 43 00	61 53				434013
12941	MAUI,HA	9012	63 12 01	15 06 24.48	12 04 12	40 14				434013
12924	NAINITAL	9006	63 12 01	22 32 46.56	11 39 48	28 59				434013
12942	CURACAO	9009	63 12 02	9 48 38.11	7 38 48	65 20				434013
12948	JUPITER	9010	63 12 02	9 49 39.97	11 23 12	25 09				434013
12943	ORGNPASS	9001	63 12 02	11 35 56.77	6 14 00	34 48				434013
12944	ORGNPASS	9001	63 12 02	11 41 50.36	10 43 30	11 35				434013
12946	NAINITAL	9006	63 12 02	22 50 21.80	7 01 18	47 09				434013
12947	NAINITAL	9006	63 12 02	22 55 51.48	11 20 54	17 25				434013
12950	JUPITER	9010	63 12 03	10 12 13.94	10 52 30	11 20				434013
30691	KANCITY	0036	63 12 03	10 12 27.19	11 53 08	-11 26				845012
12949	ORGNPASS	9001	63 12 03	12 04 03.27	10 11 30	- 0 37				434013
12954	MAUI,HA	9012	63 12 03	15 48 11.45	8 23 48	34 03				434013
12952	NAINITAL	9006	63 12 03	23 17 45.99	10 49 48	5 02				434013
12957	JUPITER	9010	63 12 04	8 36 19.97	12 02 00	17 40				434013
12955	ORGNPASS	9001	63 12 04	10 27 55.05	11 18 42	9 13				434013
12956	ORGNPASS	9001	63 12 04	12 25 03.70	9 34 06	-11 00				434013
12958	MAUI,HA	9012	63 12 04	14 14 52.75	12 04 36	26 30				434013
12959	NAINITAL	9006	63 12 04	21 40 47.78	11 41 18	15 24				434013
12960	NAINITAL	9006	63 12 04	23 38 20.08	10 06 30	- 6 32				434013
12961	SHIRAZ	9008	63 12 05	1 30 33.18	9 52 54	- 7 38				434013
12962	CURACAO	9009	63 12 05	9 00 34.28	12 09 54	28 18				434013
12968	JUPITER	9010	63 12 05	10 53 42.60	9 30 12	-13 28				434013
12975	TOKYO	9005	63 12 05	18 17 34.40	10 57 18	-10 09				434013
12963	TOKYO	9005	63 12 05	20 11 56.20	8 23 24	-18 10				434013
12964	NAINITAL	9006	63 12 05	22 02 02.73	11 40 18	0 45				434013
12966	CURACAO	9009	63 12 05	23 15 40.11	0 16 42	-61 29				434023
12981	SHIRAZ	9008	63 12 05	23 53 20.28	11 16 18	3 27				434013
12965	NAINITAL	9006	63 12 05	23 57 27.79	9 10 36	-14 35				434013
12982	SHIRAZ	9008	63 12 06	1 44 48.64	6 32 00	5 07				434013
12983	SHIRAZ	9008	63 12 06	1 49 42.02	9 01 24	-15 35				434013
12989	JUPITER	9010	63 12 06	9 17 11.73	11 26 00	- 6 17				434013
12969	ORGNPASS	9001	63 12 06	11 04 12.08	8 23 36	3 41				434013
12970	ORGNPASS	9001	63 12 06	11 07 18.84	10 10 54	-10 23				434013
12976	TOKYO	9005	63 12 06	18 35 52.10	10 12 00	-17 19				434013
30693	INYOKN'A	0230	63 12 06	20 28 42.	7 46 48	-13 24				845013
12990	NAINITAL	9006	63 12 06	22 20 33.60	11 04 48	- 7 48				434013
12991	NAINITAL	9006	63 12 07	0 09 00.64	5 33 18	5 02				434013
12986	SHIRAZ	9008	63 12 07	0 13 15.85	11 06 54	-11 07				434013
12992	NAINITAL	9006	63 12 07	0 14 53.95	8 03 36	-16 59				434013
12987	SHIRAZ	9008	63 12 07	2 02 51.37	6 12 18	- 1 11				434013
12988	SHIRAZ	9008	63 12 07	2 07 33.25	8 10 12	-19 35				434013
12971	ORGNPASS	9001	63 12 07	11 21 43.19	7 17 24	- 3 25				434013
12972	ORGNPASS	9001	63 12 07	11 25 12.60	9 18 48	-18 24				434013
12977	NAINITAL	9006	63 12 07	22 34 43.06	8 25 24	- 1 33				434013
12978	NAINITAL	9006	63 12 07	22 40 20.93	11 08 48	-23 25				434023
12973	ORGNPASS	9001	63 12 08	11 40 33.78	7 38 06	-17 44				434013
12974	ORGNPASS	9001	63 12 08	11 42 21.03	8 32 54	-24 46				434023
12993	MAUI,HA	9012	63 12 08	15 31 05.07	9 33 48	-26 00				434023
12980	NAINITAL	9006	63 12 08	22 57 04.69	10 24 00	-31 28				434023
12997	JUPITER	9010	63 12 09	10 04 51.81	6 58 48	-13 39				434013
12998	JUPITER	9010	63 12 09	10 09 24.91	9 11 12	-33 08				434023
12995	ORGNPASS	9001	63 12 09	12 02 15.09	9 23 24	-39 45				434023
12999	MAUI,HA	9012	63 12 09	13 51 28.13	11 26 12	-13 21				434013
13000	MAUI,HA	9012	63 12 09	15 42 02.55	6 28 00	- 6 33				434013
12996	NAINITAL	9006	63 12 09	23 07 44.93	7 04 18	-18 35				434013
13002	CURACAO	9009	63 12 12	7 05 20.64	11 36 12	- 0 38				434013
13003	JUPITER	9010	63 12 12	8 56 54.40	8 31 00	-35 16				434023
13004	ORGNPASS	9001	63 12 13	1 08 39.78	1 08 30	-37 00				434023
13007	OLFSFTN	9002	63 12 13	1 50 40.05	11 27 24	34 39				434013
13008	OLFSFTN	9002	63 12 13	1 54 34.36	12 40 42	16 49				434013
13009	OLFSFTN	9002	63 12 13	1 59 01.52	13 51 30	0 13				434013
13005	AREQUIPA	9007	63 12 13	9 16 15.54	8 53 30	30 36				434013
13020	WOOMERA	9003	63 12 13	18 36 06.85	10 56 18	38 30				434013
13021	WOOMERA	9003	63 12 13	18 38 31.77	11 45 18	28 38				434013
13022	WOOMERA	9003	63 12 13	18 42 32.46	12 58 12	12 23				434013
13010	OLFSFTN	9002	63 12 14	2 05 40.47	11 39 48	21 24				434013
13019	MAUI,HA	9012	63 12 14	5 05 26.59	18 17 18	52 32				434013
13033	JUPITER	9010	63 12 14	23 41 36.24	19 46 12	13 27				434013
13012	OLFSFTN	9002	63 12 15	2 14 52.34	9 41 42	31 05				434013
13017	CURACAO	9009	63 12 15	7 44 41.99	9 35 36	-39 03				434023
13013	NAINITAL	9006	63 12 15	12 42 10.23	20 22 30	-11 52				434013
13014	NAINITAL	9006	63 12 15	12 44 11.02	1 53 18	29 54				434013
13015	SHIRAZ	9008	63 12 15	14 34 26.92	20 47 06	- 3 58				434013
13016	SHIRAZ	9008	63 12 15	14 36 14.75	2 41 24	35 42				434013

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13032	OLFSFTN	9002	63 12 16	0 32 11.35	11 37 06	27 38				434013
13025	ORGNPASS	9001	63 12 16	1 45 58.57	20 17 30	8 43				434013
13028	AREQUIPA	9007	63 12 16	7 56 41.85	9 33 48	29 22				434013
13029	AREQUIPA	9007	63 12 16	8 04 48.75	13 07 24	-17 08				434013
13026	NAINITAL	9006	63 12 16	12 53 35.95	19 23 06	9 06				434013
13027	NAINITAL	9006	63 12 16	12 55 26.98	23 28 00	66 48				434013
13030	SHIRAZ	9008	63 12 16	14 45 26.80	19 21 48	11 41				434013
13031	SHIRAZ	9008	63 12 16	14 47 03.17	21 56 24	63 08				434013
13037	WOOMERA	9003	63 12 17	17 25 13.42	10 27 30	34 52				434013
13038	WOOMERA	9003	63 12 17	17 27 31.34	11 18 12	23 43				434013
13039	WOOMERA	9003	63 12 17	17 32 38.98	12 53 00	2 20				434013
13035	OLFSFTN	9002	63 12 18	0 50 05.49	9 38 42	35 59				434013
13036	OLFSFTN	9002	63 12 18	0 54 07.13	11 28 06	12 29				434013
13044	AREQUIPA	9007	63 12 18	6 24 23.97	11 43 42	11 02				434013
13045	AREQUIPA	9007	63 12 18	8 16 04.91	7 10 12	14 23				434013
13046	AREQUIPA	9007	63 12 18	8 23 33.60	12 02 54	-34 12				434023
13049	NAINITAL	9006	63 12 18	13 14 46.74	18 13 48	39 05				434013
13042	WOOMERA	9003	63 12 18	17 33 37.18	9 27 24	37 15				434013
13043	WOOMERA	9003	63 12 18	17 38 25.98	11 33 06	12 40				434013
13040	OLFSFTN	9002	63 12 19	0 59 33.56	9 00 48	30 10				434013
13041	OLFSFTN	9002	63 12 19	1 05 28.86	12 02 42	- 5 12				434013
13051	AREQUIPA	9007	63 12 19	6 34 04.89	11 40 18	1 57				434013
13054	V.DLORES	9011	63 12 19	6 34 26.37	10 26 42	30 03				434013
13055	V.DLORES	9011	63 12 19	6 37 03.52	11 26 18	16 49				434013
13056	V.DLORES	9011	63 12 19	6 40 47.21	12 37 54	1 24				434013
13052	AREQUIPA	9007	63 12 19	8 25 12.84	6 24 42	3 17				434013
13053	AREQUIPA	9007	63 12 19	8 32 56.45	11 45 54	-46 15				434023
13050	NAINITAL	9006	63 12 19	13 24 45.73	17 37 30	53 46				434013
13047	WOOMERA	9003	63 12 19	17 41 52.33	8 30 00	35 55				434013
13058	OLFSFTN	9002	63 12 20	1 08 41.75	8 30 18	20 30				434013
13059	OLFSFTN	9002	63 12 20	1 12 52.78	11 05 12	- 7 20				434013
13067	AREQUIPA	9007	63 12 20	6 42 15.66	11 15 42	- 4 11				434013
13068	AREQUIPA	9007	63 12 20	6 44 18.83	12 04 06	-14 20				434013
13060	V.DLORES	9011	63 12 20	6 44 24.21	10 41 00	19 00				434013
13061	V.DLORES	9011	63 12 20	6 46 58.46	11 45 24	5 43				434013
13069	AREQUIPA	9007	63 12 20	8 33 17.09	5 39 24	- 2 49				434013
13070	AREQUIPA	9007	63 12 20	8 39 41.65	9 28 24	-50 30				434023
13062	WOOMERA	9003	63 12 20	17 51 17.58	8 28 54	24 55				434013
13063	WOOMERA	9003	63 12 20	17 56 57.60	11 42 12	- 6 53				434013
13066	SFERNNDO	9004	63 12 20	19 06 56.69	19 26 18	21 46				434013
13071	AREQUIPA	9007	63 12 21	6 50 53.98	11 20 00	-19 33				434013
13073	V.DLORES	9011	63 12 21	6 50 56.61	9 36 54	21 28				434013
13074	V.DLORES	9011	63 12 21	6 56 11.49	12 12 54	- 6 09				434013
13072	AREQUIPA	9007	63 12 21	8 46 32.39	7 44 00	-50 50				434023
13064	WOOMERA	9003	63 12 21	17 57 15.85	7 03 42	24 31				434013
13065	WOOMERA	9003	63 12 21	18 04 20.60	11 27 42	-14 58				434013
13075	OLFSFTN	9002	63 12 21	23 32 22.34	11 31 54	3 22				434013
13076	OLFSFTN	9002	63 12 22	1 29 20.40	11 09 36	-34 38				434023
30701	HAPEVL	8517	63 12 22	2 40 31.0	22 30 45	39 32				845003
13080	AREQUIPA	9007	63 12 22	8 54 24.58	7 35 06	-60 17				434023
13077	WOOMERA	9003	63 12 22	18 03 37.81	6 23 36	18 05				434013
13079	WOOMERA	9003	63 12 22	18 16 02.74	14 03 54	-30 04				434023
13089	V.DLORES	9011	63 12 23	7 02 13.59	7 18 30	19 01				434013
13085	AREQUIPA	9007	63 12 23	7 03 01.40	9 31 30	-41 21				434023
13086	AREQUIPA	9007	63 12 23	7 05 30.01	11 42 30	-46 46				434023
13090	V.DLORES	9011	63 12 23	7 06 57.52	10 34 48	-10 37				434013
13087	AREQUIPA	9007	63 12 23	8 55 27.88	4 59 24	-26 49				434023
13084	WOOMERA	9003	63 12 23	16 18 56.33	10 50 06	8 06				434013
13091	WOOMERA	9003	63 12 23	16 20 43.29	11 36 36	- 1 06				434013
13093	WOOMERA	9003	63 12 23	18 09 50.69	6 06 24	8 52				434013
13092	WOOMERA	9003	63 12 23	18 16 04.98	10 22 00	-30 33				434023
13094	WOOMERA	9003	63 12 23	18 21 40.81	14 07 30	-34 31				434023
13081	OLFSFTN	9002	63 12 23	23 43 44.49	10 56 48	- 7 40				434013
13082	OLFSFTN	9002	63 12 23	23 44 57.70	11 35 06	-13 36				434013
13083	OLFSFTN	9002	63 12 24	1 40 36.19	9 29 30	-50 47				434023
13104	V.DLORES	9011	63 12 24	5 16 28.41	11 03 00	8 58				434013
13105	V.DLORES	9011	63 12 24	7 07 41.14	6 46 30	10 56				434013
13098	AREQUIPA	9007	63 12 24	7 10 17.35	10 52 42	-57 15				434023
13099	AREQUIPA	9007	63 12 24	7 12 09.10	12 30 36	-55 09				434023
13106	V.DLORES	9011	63 12 24	7 13 22.33	11 06 00	-24 23				434023
13100	AREQUIPA	9007	63 12 24	9 06 22.08	6 28 30	-65 50				434023
13101	AREQUIPA	9007	63 12 24	9 08 11.57	8 20 00	-76 15				434023
50225	VANNUYS	2737	63 12 24	17 37 36.59			225 34 48	22 13 12		834309
50226	VANNUYS	2737	63 12 24	17 38 04.48			217 19 12	25 44 24		834309
13102	AREQUIPA	9007	63 12 25	7 15 58.79	11 40 12	-65 06				434023
13103	AREQUIPA	9007	63 12 25	9 14 02.95	9 55 48	-81 30				434023
13095	WOOMERA	9003	63 12 25	16 27 46.43	9 57 48	- 0 51				434013
13096	WOOMERA	9003	63 12 25	18 20 01.97	5 36 36	- 7 41				434013
13097	WOOMERA	9003	63 12 25	18 26 49.82	11 04 36	-49 41				434023
13108	OLFSFTN	9002	63 12 25	23 51 54.36	9 33 30	-23 26				434023
13107	ORGNPASS	9001	63 12 26	1 08 55.72	17 16 30	75 24				434013
13109	WOOMERA	9003	63 12 26	16 31 19.40	9 22 12	- 7 35				434013

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13110	WOOMERA	9003	63 12 26	16 37 59.89	13 20 18	-25 09				434C23
13111	WOOMERA	9003	63 12 26	18 23 21.08	5 07 48	- 9 45				434C13
13112	WOOMERA	9003	63 12 26	18 36 04.25	14 56 12	-39 33				434C23
30700	WELLS	8606	63 12 26	23 19 56.9			275 29 00	19 06 00		845302
13115	ORGNPASS	9001	63 12 27	1 12 27.69	17 58 30	65 11				434C13
30699	WLTHMSTO	8605	63 12 27	1 13 28.87	20 10 00	20 58				845C13
13116	TOKYO	9005	63 12 27	8 36 38.00	22 14 06	69 04				434C13
13117	AREQUIPA	9007	63 12 27	9 20 05.45	6 00 48	-75 06				434C23
13127	OLFSFTN	9002	63 12 27	23 58 01.68	7 28 42	-42 30				434C23
13128	OLFSFTN	9002	63 12 28	0 01 41.27	12 08 24	-49 05				434C23
13124	ORGNPASS	9001	63 12 28	1 14 11.76	18 04 06	39 52				434C13
13123	ORGNPASS	9001	63 12 28	1 15 25.93	18 22 48	57 02				434C13
13129	OLFSFTN	9002	63 12 28	1 57 37.39	9 12 54	-72 55				434C23
30707	ST.PAUL	8535	63 12 28	3 08 30.5	21 05 04	8 57				845C12
13118	V.DLORES	9011	63 12 28	5 30 44.72	9 56 48	-11 23				434C13
13119	V.DLORES	9011	63 12 28	5 32 27.77	11 15 18	-19 03				434C13
13120	V.DLORES	9011	63 12 28	5 33 27.18	11 50 12	-21 19				434C13
13121	V.DLORES	9011	63 12 28	7 28 12.94	9 49 12	-53 53				434C23
13122	V.DLORES	9011	63 12 28	7 29 12.43	11 13 42	-54 08				434C23
13147	TOKYO	9005	63 12 28	8 40 17.00	2 13 12	56 13				434C13
13130	OLFSFTN	9002	63 12 28	23 59 57.03	6 00 18	-45 06				434C23
13131	OLFSFTN	9002	63 12 29	0 03 03.34	11 04 18	-59 30				434C23
13125	ORGNPASS	9001	63 12 29	1 16 52.01	18 20 06	38 50				434C13
13126	ORGNPASS	9001	63 12 29	1 20 07.63	4 48 24	54 06				434C13
13132	OLFSFTN	9002	63 12 29	1 59 56.35	8 40 54	-74 22				434C23
13149	V.DLORES	9011	63 12 29	5 37 29.11	12 48 48	-27 07				434C23
13133	ORGNPASS	9001	63 12 30	1 19 46.23	19 16 36	45 34				434C13
13139	V.DLORES	9011	63 12 30	5 34 11.15	9 04 24	-29 32				434C23
13140	V.DLORES	9011	63 12 30	5 37 25.99	12 11 42	-32 47				434C23
13141	V.DLORES	9011	63 12 30	7 32 05.25	9 41 24	-62 12				434C23
13142	V.DLORES	9011	63 12 30	7 40 11.34	15 21 30	-28 35				434C23
13151	TOKYO	9005	63 12 30	8 44 43.00	2 23 30	17 52				434C13
13136	WOOMERA	9003	63 12 30	16 42 18.37	10 52 12	-51 56				434C23
13137	WOOMERA	9003	63 12 30	16 44 09.56	12 41 06	-44 59				434C23
13143	ORGNPASS	9001	63 12 31	1 21 16.11	20 25 18	41 55				434C13
13144	WOOMERA	9003	63 12 31	16 40 23.05	6 30 24	-51 17				434C23
13145	WOOMERA	9003	63 12 31	16 42 48.31	11 08 30	-57 03				434C23
13146	WOOMERA	9003	63 12 31	18 39 41.78	10 17 30	-66 42				434C23

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10512	SFERNNDO	9004	63 07 01	0 04 01.51	22 19 00	35 11				434013
10513	SFERNNDO	9004	63 07 01	1 46 54.61	13 53 42	30 41				434013
10508	ORGNPASS	9001	63 07 01	6 58 18.04	23 54 42	79 21				434013
10514	SFERNNDO	9004	63 07 02	0 17 25.62	19 54 42	57 24				434013
10520	SFERNNDO	9004	63 07 03	0 31 01.88	15 35 18	51 49				434013
10516	ORGNPASS	9001	63 07 03	5 40 25.64	0 38 18	57 12				434013
30126	DENVER	8582	63 07 03	5 40 30.0			49 00	33 06		845304
10517	ORGNPASS	9001	63 07 03	5 42 24.70	23 18 42	-37 27				434023
10518	TOKYO	9005	63 07 03	14 21 10.40	16 41 42	73 08				434013
10521	SFERNNDO	9004	63 07 03	23 00 16.11	22 41 12	38 19				434013
10522	SFERNNDO	9004	63 07 04	0 44 08.98	13 36 30	39 09				434013
30125	BRYAN	8565	63 07 04	4 10 35.7	21 40 42	52 14				845013
30127	DENVER	8582	63 07 04	5 55 07.0			54 03	51 17		845304
10519	NAINITAL	9006	63 07 04	18 02 59.59	21 37 30	87 23				434013
10524	SFERNNDO	9004	63 07 05	23 27 54.37	18 00 00	65 54				434013
10523	ORGNPASS	9001	63 07 06	6 23 04.06	12 52 48	71 21				434013
30140	DAYTON,O	8582	63 07 06	6 24 04.4	242 30	60 54				845004
30137	DENVER	8651	63 07 08	4 56 43.2	21 01 12	51 36				845004
10533	ORGNPASS	9001	63 07 08	6 51 07.44	12 48 36	34 28				434013
10527	SHIRAZ	9008	63 07 08	18 58 33.54	19 47 48	74 13				434013
10526	SFERNNDO	9004	63 07 08	22 24 51.58	20 46 48	57 13				434013
30130	TATSFLD	8603	63 07 09	3 37 38.5			168 30	60 50		845303
10525	ORGNPASS	9001	63 07 09	5 21 07.42	20 01 00	67 27				434013
10531	SHIRAZ	9008	63 07 09	19 12 17.19	13 40 36	64 24				434013
10528	SFERNNDO	9004	63 07 09	22 36 57.40	10 45 00	72 08				434013
10529	SFERNNDO	9004	63 07 09	22 40 15.92	18 18 00	28 24				434013
30129		8651	63 07 10	5 34 59.9	15 31 06	19 48				845004
10530	ORGNPASS	9001	63 07 10	5 35 30.01	15 40 24	55 58				434013
10532	ORGNPASS	9001	63 07 11	4 06 21.67	21 23 54	12 53				434013
30128	CHIN.LAK	0098	63 07 11	5 49 00.8			59 18 00	80 00 00		641303
10536	SFERNNDO	9004	63 07 11	21 24 02.94	20 39 42	10 58				434013
10537	SFERNNDO	9004	63 07 11	23 05 20.80	11 55 30	36 48				434013
10538	SFERNNDO	9004	63 07 11	23 07 29.06	13 43 48	19 13				434013
30138	GILES ME	8624	63 07 12	2 32 28.48	17 27 15	48 29				845013
30139	DENVER	8651	63 07 12	4 17 02.9	19 10	49 48				845004
10534	ORGNPASS	9001	63 07 12	4 19 03.31	20 54 00	35 40				434013
30150	VANNUYS	8652	63 07 12	6 03 10.5			280 00 00	66 12 00		845303
30159	BRATSLV	8626	63 07 12	12 59 23.4	18 57 24	31 12				845013
10540	SHIRAZ	9008	63 07 12	18 10 12.45	18 40 48	60 20				434013
10543	SFERNNDO	9004	63 07 12	21 38 27.53	19 38 00	3 29				434013
10545	SFERNNDO	9004	63 07 12	23 20 39.19	12 46 54	17 58				434013
10544	SFERNNDO	9004	63 07 12	23 22 28.22	13 50 24	1 22				434013
30134	SALSBURY	5050	63 07 13	2 46 55.9	15 20 57	28 39				845013
10551	MAUI,HA	9012	63 07 13	8 00 29.23	21 09 48	80 52				434013
10539	TOKYO	9005	63 07 13	13 13 18.24	14 13 18	2 02				434013
30160	BRATSLV	8626	63 07 13	13 13 19.2	15 56 12	27 00				845013
10541	SHIRAZ	9008	63 07 13	18 24 36.12	15 10 12	43 12				434013
10546	SFERNNDO	9004	63 07 13	21 51 49.16	17 39 00	10 59				434013
10535	ORGNPASS	9001	63 07 14	4 47 14.79	15 49 12	35 12				434013
30135	PERIVALE	8637	63 07 14	4 48 16.8	19 50 37	0 04				845013
30136	VANNUYS	8637	63 07 14	6 32 48.0	13 36 59	4 17				845013
10550	MAUI,HA	9012	63 07 14	8 15 49.40	13 53 48	70 58				434013
30161	BRATSLV	8626	63 07 14	13 26 57.0	13 45 42	19 24				845013
10542	SFERNNDO	9004	63 07 14	22 06 23.91	15 54 42	- 5 40				434013
10549	JUPITER	9010	63 07 15	3 18 13.10	13 47 24	33 15				434013
30141	CHIN.LAK	0098	63 07 15	4 59 57.2			63 00 00	87 14 24		641303
30142	PERIVALE	8637	63 07 15	5 00 19.0	17 39 56	35 21				845013
30162	BRATSLV	8626	63 07 15	11 55 18.2	20 09 48	46 06				845013
10547	NAINITAL	9006	63 07 15	15 25 20.56	19 55 30	13 10				434013
10548	NAINITAL	9006	63 07 15	17 07 51.10	12 22 12	22 18				434013
10553	SHIRAZ	9008	63 07 15	17 08 43.39	20 01 00	18 59				434013
10552	SFERNNDO	9004	63 07 15	22 16 16.01	11 22 48	34 13				434013
30148	WLTHMSTO	8605	63 07 16	3 30 26.93	16 40 44	7 59				845013
30149	WLTHMSTO	8605	63 07 16	3 30 26.93	16 45 13	7 53				845043
30143	PERIVALE	8637	63 07 16	5 15 02.82	15 33 30	11 25				845043
10554	MAUI,HA	9012	63 07 16	6 57 27.02	22 43 42	72 25				434013
10555	MAUI,HA	9012	63 07 16	6 59 37.19	21 01 48	48 33				434013
30157	BRATSLV	8626	63 07 16	12 10 20.7	17 53 48	28 48				845013
10559	SHIRAZ	9008	63 07 16	17 23 23.31	18 23 36	5 01				434013
10556	SFERNNDO	9004	63 07 16	22 35 18.69	14 07 54	-18 00				434013
10557	JUPITER	9010	63 07 17	2 02 23.06	19 04 36	21 49				434013
30152	EDINBURG	0066	63 07 17	3 45 39.			326 30 00	43 36 00		845303
30153	EDINBURG	0066	63 07 17	3 47 39.5			241 57 00	76 48 00		845302
30154	EDINBURG	0066	63 07 17	3 47 45.			244 25 00	78 48 00		845303
30155	EDINBURG	0066	63 07 17	3 47 45.			244 12 00	78 48 00		845302
30147	CHIN.LAK	0098	63 07 17	5 28 40.0			248 20 24	31 38 24		641303
10558	MAUI,HA	9012	63 07 17	7 14 03.67	19 06 54	55 09				434013

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30158	BRATSLV	8626	63 07 17	12 23 59.8	14 41 48	28 06				845C13
30146	DAYTON,O	8582	63 07 18	3 56 47.4			245 00	46 00		845304
30145	DENVER	8651	63 07 18	3 56 50.0	13 53 36	13 35				845C14
30151	URNSTON	8604	63 07 19	2 30 04.9	14 39 29	11 29				845C13
30144	DENVER	8582	63 07 19	4 11 03.2			248 48	27 42		845304
10562	MAUI,HA	9012	63 07 19	7 42 59.58	13 38 06	19 14				434013
10560	CURACAO	9009	63 07 20	1 02 09.43	18 45 06	50 38				434C13
10561	JUPITER	9010	63 07 20	2 45 54.16	13 45 30	-17 04				434C13
10563	MAUI,HA	9012	63 07 20	7 55 14.00	11 51 48	26 39				434C13
10564	MAUI,HA	9012	63 07 20	7 57 26.61	12 54 54	3 29				434C13
10565	MAUI,HA	9012	63 07 21	6 28 10.31	18 38 36	-11 30				434C13
10566	ORGNPASS	9001	63 07 22	3 09 15.70	14 02 30	23 13				434C13
10568	MAUI,HA	9012	63 07 22	6 42 29.95	16 38 42	-25 24				434C23
10567	NAINITAL	9006	63 07 22	15 21 18.57	14 42 42	-37 39				434023
30156	ALBQRQUE	8650	63 07 23	3 23 05.0	12 46 26	3 27				845C13
10571	MAUI,HA	9012	63 07 23	6 57 11.11	14 44 48	-35 37				434C23
10569	NAINITAL	9006	63 07 23	15 30 44.34	11 40 30	9 24				434013
10570	NAINITAL	9006	63 07 23	15 33 19.95	12 49 30	-16 27				434013
10572	CURACAO	9009	63 07 24	0 16 34.55	18 37 30	-19 17				434C13
10573	MAUI,HA	9012	63 07 24	7 06 46.11	11 31 36	18 50				434013
10574	MAUI,HA	9012	63 07 24	7 11 21.64	13 23 30	-33 06				434023
10575	CURACAO	9009	63 07 25	0 31 38.12	16 54 24	-43 50				434C23
10576	V.DLORES	9011	63 C7 25	9 52 27.71	7 12 24	-23 41				434C23
10577	AREQUIPA	9007	63 07 27	23 33 14.48	19 34 42	7 38				434013
10579	AREQUIPA	9007	63 07 28	23 48 31.03	19 20 00	-13 44				434013
10578	V.DLORES	9011	63 C7 29	8 59 52.71	8 13 54	-59 17				434C23
10580	OLFSFTN	9002	63 07 29	17 07 38.50	18 35 24	11 26				434C13
10584	AREQUIPA	9007	63 07 30	0 03 50.31	18 53 30	-47 21				434C23
10582	WOOMERA	9003	63 07 30	10 27 05.52	16 13 42	17 48				434C13
10581	OLFSFTN	9002	63 C7 30	17 23 08.29	18 07 24	-19 24				434C13
10583	WOOMERA	9C03	63 07 30	19 35 49.17	10 48 00	-74 14				434023
10586	CURACAO	9009	63 07 31	0 06 30.32	10 58 42	8 11				434C13
10585	WOOMERA	9003	63 07 31	10 42 50.25	14 51 18	-19 57				434C13
10587	OLFSFTN	9002	63 07 31	17 38 37.50	16 59 12	-61 32				434C23
10591	AREQUIPA	9007	63 08 01	0 33 29.73	11 53 24	-73 00				434023
10589	WOOMERA	9003	63 08 01	9 13 58.07	20 14 30	-22 26				434013
10590	WOOMERA	9003	63 08 01	10 57 39.55	12 55 36	-34 58				434C23
10588	OLFSFTN	9002	63 08 01	17 53 43.88	12 33 24	-75 04				434C23
10598	V.DLORES	9011	63 08 01	23 05 36.65	20 21 48	-38 30				434C23
10592	WOOMERA	9003	63 08 02	11 09 27.07	12 10 24	- 2 20				434013
10593	WOOMERA	9C03	63 08 02	11 13 18.85	11 17 24	-50 28				434C23
10599	V.DLORES	9C11	63 08 03	10 10 31.94	20 41 30	-35 55				434C23
10600	V.DLORES	9011	63 08 03	10 14 02.08	22 59 24	- 4 08				434C13
10601	V.DLORES	9011	63 08 05	8 55 45.05	0 25 12	-42 58				434C23
10594	WOOMERA	9003	63 08 05	19 19 12.96	1 12 18	-38 45				434023
10595	OLFSFTN	9002	63 08 06	17 19 46.74	9 11 42	-67 15				434023
10597	WOOMERA	9003	63 08 06	19 35 03.76	0 14 42	5 20				434C13
10596	OLFSFTN	9002	63 08 07	2 30 39.11	1 27 48	-16 29				434013
10604	MAUI,HA	9012	63 08 07	14 48 14.53	5 17 06	-27 20				434023
10605	MAUI,HA	9012	63 08 07	14 51 06.48	6 11 18	1 50				434013
10603	WOOMERA	9003	63 08 07	19 50 27.59	23 32 00	23 41				434C13
10606	AREQUIPA	9007	63 08 08	7 58 01.35	5 10 30	-11 13				434C13
30163	ADELAIDE	8597	63 08 08	9 07 42.7			195 17 00	56 11 00		845303
10607	AREQUIPA	9007	63 08 08	9 41 53.24	22 25 36	-17 53				434013
10608	MAUI,HA	9012	63 08 08	15 01 02.86	3 44 42	-43 13				434023
10609	WOOMERA	9003	63 08 10	9 37 00.00	8 16 36	-65 12				434023
10611	JUPITER	9010	63 08 12	9 02 20.47	3 46 24	-34 37				434023
10610	ORGNPASS	9001	63 08 12	10 52 11.27	6 01 12	12 33				434013
10613	CURACAO	9009	63 08 13	9 13 46.41	22 12 00	-19 14				434C13
10612	ORGNPASS	9001	63 08 13	11 07 31.31	6 36 12	33 58				434013
30164	WPALMBCH	8632	63 08 14	9 33 47.8			116 06 00	79 49 00		845303
10614	MAUI,HA	9012	63 08 14	14 40 40.32	23 11 12	-29 02				434023
10615	CURACAO	9009	63 08 15	8 00 42.29	3 39 42	37 53				434C13
10616	MAUI,HA	9012	63 08 15	13 12 28.12	4 39 30	- 0 55				434013
10617	MAUI,HA	9012	63 08 15	13 14 25.54	5 27 42	19 11				434013
10618	MAUI,HA	9012	63 08 15	14 55 40.26	22 04 00	- 9 10				434013
10619	MAUI,HA	9012	63 08 15	15 01 27.97	20 57 12	76 04				434013

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10620	SHIRAZ	9008	63 08 15	23 35 41.02	3 14 06	-26 25				434023
10627	JUPITER	9010	63 08 16	8 19 14.12	5 57 12	28 48				434013
10621	ORGNPASS	9001	63 08 16	9 59 08.20	3 25 12	-25 59				434023
10622	ORGNPASS	9001	63 08 16	10 04 15.53	6 02 42	23 40				434013
10629	MAUI,HA	9012	63 08 16	13 26 34.81	3 49 00	6 02				434013
10630	MAUI,HA	9012	63 08 16	15 15 20.04	20 15 36	59 18				434013
10625	SHIRAZ	9008	63 08 16	23 50 10.59	2 00 36	-21 47				434013
10623	SFERNNDO	9004	63 08 17	3 18 10.60	2 57 00	-28 18				434023
10628	JUPITER	9010	63 08 17	8 30 05.94	3 01 06	0 24				434013
10631	MAUI,HA	9012	63 08 17	13 41 35.61	2 42 12	37 45				434013
10624	SFERNNDO	9004	63 08 18	3 32 42.57	2 00 36	-24 42				434023
10632	MAUI,HA	9012	63 08 18	13 56 16.93	23 39 24	58 37				434013
10626	SHIRAZ	9008	63 08 19	0 19 47.70	22 33 48	14 23				434013
10633	SFERNNDO	9004	63 08 19	3 46 57.42	0 31 36	-20 00				434013
30165	EALING	8632	63 08 19	8 59 12.5			298 30 00	52 52 00		845303
10634	MAUI,HA	9012	63 08 19	14 10 21.93	21 07 24	48 31				434013
10635	MAUI,HA	9012	63 08 19	14 12 44.56	19 27 30	76 41				434013
30167	BRATSLV	8626	63 08 19	17 38 56.2	4 30 00	13 42				845013
10637	TOKYO	9005	63 08 19	17 39 06.50	2 35 24	3 48				434013
30168	BRATSLV	8626	63 08 19	19 23 24.7	21 34 18	24 24				845013
10638	SHIRAZ	9008	63 08 19	22 50 51.59	4 56 24	24 58				434013
10639	SHIRAZ	9008	63 08 20	0 34 55.18	21 11 48	30 40				434013
10636	SFERNNDO	9004	63 08 20	4 02 11.21	23 13 24	1 28				434013
10640	MAUI,HA	9012	63 08 20	14 26 14.85	19 34 00	57 40				434013
10641	SFERNNDO	9004	63 08 21	2 34 43.60	5 33 12	26 54				434013
10642	SFERNNDO	9004	63 08 21	4 16 33.61	21 53 36	10 11				434013
30166	DENVER	8582	63 08 21	11 15 46.0			311 00	35 10		845304
10645	SHIRAZ	9008	63 08 21	23 19 07.39	2 18 54	65 04				434013
10643	SFERNNDO	9004	63 08 22	2 46 42.66	3 20 12	17 53				434013
10644	SFERNNDO	9004	63 08 22	4 30 53.20	21 04 18	14 29				434013
10649	SHIRAZ	9008	63 08 22	23 33 40.25	21 21 00	71 46				434013
10646	SFERNNDO	9004	63 08 23	3 00 54.67	1 41 42	35 16				434013
10647	SFERNNDO	9004	63 08 23	4 46 08.08	20 23 12	25 31				434013
10648	SFERNNDO	9004	63 08 23	4 48 53.26	18 58 54	52 38				434013
10737	TOKYO	9005	63 08 23	16 52 10.50	4 02 24	40 34				434013
10651	SFERNNDO	9004	63 08 24	3 15 33.09	23 00 30	55 58				434013
10650	ORGNPASS	9001	63 08 24	10 10 40.77	20 23 06	55 21				434013
10652	SFERNNDO	9004	63 08 25	1 46 18.77	5 27 00	32 50				434013
10653	SFERNNDO	9004	63 08 26	2 00 26.70	5 39 30	46 37				434013
10654	SFERNNDO	9004	63 08 27	2 14 09.67	5 17 36	65 26				434013
10655	SFERNNDO	9004	63 08 30	2 57 23.61	16 28 12	65 21				434013
10656	WOOMERA	9003	63 09 08	11 25 15.85	13 17 54	-78 23				434023
10657	WOOMERA	9003	63 09 09	9 54 08.19	1 44 54	-60 33				434023
10658	WOOMERA	9003	63 09 09	9 56 18.12	0 19 12	-41 42				434023
10660	WOOMERA	9003	63 09 11	10 22 11.14	6 42 00	-84 32				434023
10662	WOOMERA	9003	63 09 11	10 25 28.26	22 21 12	-43 11				434023
10661	WOOMERA	9003	63 09 11	12 08 40.12	14 39 42	-27 06				434023
10659	OLFSFTN	9002	63 09 11	17 21 10.84	23 37 06	-45 40				434023
10665	WOOMERA	9003	63 09 12	10 37 39.95	15 53 42	-73 43				434023
10666	WOOMERA	9003	63 09 12	10 40 17.62	19 59 06	-30 08				434023
10663	OLFSFTN	9002	63 09 12	17 34 27.42	22 06 00	-70 31				434023
10664	OLFSFTN	9002	63 09 12	17 36 31.19	22 02 06	-33 46				434023
10669	WOOMERA	9003	63 09 13	10 52 33.08	15 33 48	-45 53				434023
30169	ADELAIDE	8597	63 09 13	10 53 13.1			282 50 00	46 24 00		845303
10670	WOOMERA	9003	63 09 13	10 55 22.78	18 18 12	- 0 12				434013
30170	BAHAMAS	0402	63 09 13	17 47 28.5			121 25 00	55 33 00		845303
30171	BAHAMAS	0402	63 09 13	17 47 28.5			121 31 00	55 39 00		845303
10667	OLFSFTN	9002	63 09 13	17 48 35.76	16 56 24	-67 46				434023
10668	OLFSFTN	9002	63 09 13	17 51 48.32	20 09 24	- 6 09				434013
10675	V.DLORES	9011	63 09 14	0 47 18.90	17 15 36	18 09				434013
10676	V.DLORES	9011	63 09 15	0 57 46.66	14 46 48	-14 23				434013
10671	WOOMERA	9003	63 09 15	9 34 40.71	21 18 18	-76 00				434023
10672	WOOMERA	9003	63 09 15	9 37 29.98	21 18 48	-22 40				434013
30174	SUMMYVAL	8578	63 09 15	9 41 04.5	20 17 24	-21 53				845023
10673	WOOMERA	9003	63 09 15	11 20 45.03	14 38 36	-17 10				434013
10710	WOOMERA	9003	63 09 15	11 22 44.89	15 37 06	0 47				434013
10674	WOOMERA	9003	63 09 15	11 24 54.40	16 33 30	21 45				434013
10678	AREQUIPA	9007	63 09 16	1 17 40.71	16 01 24	5 05				434013
10677	OLFSFTN	9002	63 09 16	16 48 54.20	21 14 12	-18 14				434013
30172	SUMMYVAL	8578	63 09 17	10 09 55.1	16 18 00	8 30				845013

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30173	TOWNSVIL	8578	63 09 17	10 10 43.4	16 21 33	8 31				845C13
10679	AREQUIPA	9007	63 09 19	0 13 40.00	15 52 06	-12 40				434013
10680	SFERNNDO	9004	63 09 19	19 30 43.83	23 09 24	- 2 10				434C13
10681	ORGNPASS	9001	63 09 20	2 24 49.27	22 21 54	- 4 55				434C13
30175	SYRACSE	0129	63 09 20	2 26 22.55	21 11 25	22 36				845C13
10690	MAUI,HA	9012	63 09 20	5 49 26.67	20 45 06	- 5 04				434C13
10686	NAINITAL	9006	63 09 20	14 32 03.69	20 23 48	19 40				434C13
10688	SHIRAZ	9008	63 09 20	16 15 45.83	20 32 48	14 34				434C13
10683	SFERNNDO	9004	63 09 20	19 44 32.64	22 20 00	- 0 39				434C13
10684	SFERNNDO	9004	63 09 20	21 31 17.48	16 10 00	40 18				434C13
10682	ORGNPASS	9001	63 09 21	2 39 06.19	21 10 42	4 53				434C13
10691	MAUI,HA	9012	63 09 21	6 03 35.93	18 12 30	5 57				434C13
10687	NAINITAL	9C06	63 09 21	14 46 19.60	17 43 42	31 20				434C13
10689	SHIRAZ	9008	63 09 21	16 30 05.94	17 59 48	29 12				434C13
10685	SFERNNDO	9004	63 09 21	19 58 48.63	21 10 30	10 24				434C13
10692	MAUI,HA	9012	63 09 22	6 18 05.97	16 15 54	19 00				434C13
10696	NAINITAL	9006	63 09 22	15 00 43.05	15 56 18	33 39				434C13
10697	SHIRAZ	9008	63 09 22	16 44 19.44	16 06 48	29 56				434C13
10693	CURACAO	9009	63 09 22	23 33 14.73	17 59 00	6 33				434013
10694	ORGNPASS	9001	63 09 23	3 07 43.82	16 48 12	28 21				434C13
10695	NAINITAL	9006	63 09 23	13 30 33.88	23 02 36	34 38				434C13
10727	TOKYO	9005	63 09 23	19 10 35.70	8 31 36	51 40				434013
10699	CURACAO	9009	63 09 23	23 47 40.36	15 52 12	18 42				434C13
30176	SYRACSE	0129	63 09 24	1 37 17.75	20 12 34	26 34				845C13
30177	GILES ME	8624	63 09 24	1 43 15.5	15 05 56	76 04				845C13
10703	SHIRAZ	9008	63 09 24	15 26 22.87	19 17 36	11 11				434C13
30180	TATSFLD	8603	63 09 25	0 09 06.1			116 12	52 48		8453C3
30188	GILES ME	8624	63 09 25	0 09 44.05	21 39 58	16 14				845C13
30189	GILES ME	8624	63 09 25	0 09 45.35	21 40 10	16 31				845C13
30178	CHICAGO	8585	63 09 25	1 56 46.0	14 48 00	54 19				845C13
30190	GILES ME	8624	63 09 25	1 57 48.55	13 27 24	65 39				845C13
10698	SFERNNDO	9004	63 09 25	4 03 22.99	9 00 48	32 11				434C13
10702	NAINITAL	9006	63 09 25	13 57 07.82	16 41 12	30 00				434C13
10704	MAUI,HA	9012	63 09 25	14 30 12.89	9 34 36	36 49				434C13
10705	SHIRAZ	9008	63 09 25	15 40 37.11	16 52 00	21 38				434C13
10700	SFERNNDO	9004	63 09 25	20 56 44.70	14 36 00	38 55				434C13
30179	CHICAGO	8585	63 09 26	0 23 01.7	19 21 28	13 42				845C13
30181	ST.COLL	8603	63 09 26	0 25 29.4			32 2C	44 3C		8453C3
10706	SHIRAZ	9008	63 09 26	0 51 25.62	7 44 36	49 53				434C13
10701	SFERNNDO	9004	63 09 26	4 16 44.84	8 14 48	52 01				434C13
10709	MAUI,HA	9012	63 09 26	5 29 06.21	15 24 24	21 32				434C13
10707	CURACAO	9009	63 09 26	9 36 26.79	7 20 00	31 47				434C13
10711	SFERNNDO	9004	63 09 26	19 24 20.81	18 16 00	36 44				434C13
10708	NAINITAL	9C06	63 09 26	23 23 09.49	5 18 48	16 21				434C13
30182	HARRSON	8572	63 09 27	0 36 52.	17 57 14	30 21				845C13
30197	COLUMBUS	0051	63 09 27	0 37 08.4	18 47 12	43 29				845C13
30187	DODSON	8584	63 09 27	0 37 31.9	18 29 08	47 2C				845C13
10713	SHIRAZ	9008	63 09 27	1 06 29.99	5 15 30	26 28				434C13
30183	DAYTON,O	8582	63 09 27	2 21 23.9			304 9C	6C 2C		8453C4
10712	SFERNNDO	9004	63 09 27	4 31 39.14	5 51 30	39 02				434C13
10715	MAUI,HA	9012	63 09 27	14 59 17.27	6 30 00	32 54				434C13
10719	SFERNNDO	9004	63 09 27	19 38 07.95	15 56 36	29 32				434C13
10717	NAINITAL	9006	63 09 27	21 50 19.87	9 08 06	35 57				434C13
30186	HARRSON	8572	63 09 28	0 52 16.9	15 41 46	57 46				845C13
10718	SHIRAZ	9008	63 09 28	1 20 03.87	2 21 12	22 49				434C13
1C720	SFERNNDO	9004	63 09 28	2 58 00.53	9 54 24	51 30				434C13
10721	SFERNNDO	9004	63 09 28	4 45 57.35	3 21 36	23 50				434013
30185	KANCITY	0036	63 09 28	9 55 49.0	5 56 00	42 52				845013
10714	JUPITER	9010	63 09 28	1C 00 13.49	3 29 42	20 30				434C13
3C191	WPALMBCH	8632	63 09 28	10 00 30.7			246 C6 0C	69 24 CC		8453C3
30184	CHIN.LAK	0098	63 09 28	11 40 39.6			58 12 CC	7C 36 CC		6413C3
30192	DENVER	8582	63 09 28	11 40 59.3			246 6C	38 5C		8453C4
10716	MAUI,HA	9012	63 09 28	15 13 35.07	3 39 54	17 44				434C13
10722	SFERNNDO	9004	63 C9 29	4 59 30.35	1 20 00	18 22				434013
30193	DENVER	8582	63 09 29	10 08 48.55			54 4C	53 9C		845304
30195	KAGOSHIM	8626	63 09 29	18 51 50.5			6 43 12	13 C6		845313
10724	NAINITAL	9006	63 09 29	22 19 13.45	6 33 54	36 48				434C13
10725	SHIRAZ	9008	63 09 30	0 02 46.97	6 42 54	40 09				434C13
10723	SFERNNDO	9004	63 09 30	3 28 07.05	7 09 24	43 14				434C13
30194	URMSTCN	8604	63 09 30	8 41 50.7	7 59 15	40 13				845C13
10726	CURACAO	9009	63 09 3C	8 48 03.39	6 33 06	14 24				434C13
30198	A.ARBOR	0121	63 10 01	8 57 22.86	6 15 19	14 11				845C14
10729	AREQUIPA	9007	63 1C 01	9 09 23.81	8 01 00	11 30				434C13
30196	KAGOSHIM	8626	63 1C 01	19 17 07.8	C 28 48	32 54				845C13
10730	OLFSFTN	9002	63 1C 05	1 26 09.18	7 49 30	20 49				434C13
11465	V.DLORES	9C11	63 10 05	8 25 32.94	7 38 12	- 7 03				434C13
10732	V.DLORES	9011	63 10 07	8 54 05.43	3 33 12	-33 12				434C13

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10731	OLFSFTN	9002	63 10 08	2 07 36.12	2 50 30	20 56				434013
10734	V.DLORES	9011	63 10 08	7 21 55.42	7 34 42	3 32				434013
10733	WOOMERA	9003	63 10 08	17 48 25.35	9 44 48	-30 44				434023
30199	BAHAMAS	0402	63 10 09	2 26 04.3			64 12 00	67 10 00		845303
30200	BAHAMAS	0402	63 10 09	2 26 04.9			64 32 00	67 12 00		845303
10736	V.DLORES	9011	63 10 09	7 37 01.34	7 16 18	-18 26				434013
10735	WOOMERA	9003	63 10 09	17 57 39.97	5 48 48	14 02				434013
10738	WOOMERA	9003	63 10 10	18 12 16.10	4 15 00	0 02				434013
10741	WOOMERA	9003	63 10 11	16 43 07.09	8 08 24	- 8 28				434013
10742	WOOMERA	9003	63 10 11	18 26 53.29	2 22 36	-16 45				434013
10739	OLFSFTN	9002	63 10 12	1 22 20.11	3 12 54	-51 49				434023
10743	WOOMERA	9003	63 10 12	16 57 34.42	8 02 00	-19 59				434013
10744	WOOMERA	9003	63 10 12	18 41 10.13	0 58 12	-20 50				434013
10740	OLFSFTN	9002	63 10 13	1 37 39.45	0 21 54	-63 47				434023
10745	WOOMERA	9003	63 10 13	17 11 44.36	7 29 06	-35 20				434023
10746	WOOMERA	9003	63 10 13	18 59 51.85	21 34 12	-67 10				434023
10747	OLFSFTN	9002	63 10 14	1 51 45.10	22 59 36	-57 33				434023
10748	OLFSFTN	9002	63 10 14	1 54 07.90	21 05 54	-70 56				434023
10749	WOOMERA	9003	63 10 14	17 26 09.86	6 15 42	-59 56				434023
10750	V.DLORES	9011	63 10 15	7 18 32.83	2 02 00	-82 56				434023
10751	WOOMERA	9003	63 10 15	17 40 44.15	2 05 18	-75 15				434023
10752	WOOMERA	9003	63 10 19	16 53 18.01	14 09 00	-85 02				434023
10753	WOOMERA	9003	63 10 21	17 21 08.72	21 01 12	-59 58				434023
10754	WOOMERA	9003	63 10 28	15 29 40.94	18 05 00	-71 58				434023
50017	BAUTZEN	8144	63 10 29	18 37 39.4	12 24 00	63 15				834009
10755	TOKYO	9005	63 11 03	9 24 37.80	6 41 48	70 48				434013
50018	ICE I°CH	8144	63 11 04	18 19 14.3	197 18 36	47 06				834009
10766	COLD L.	9118	63 11 05	1 10 26.51	23 00 24	61 30				434013
10756	ORGNPASS	9001	63 11 05	1 14 47.41	3 49 30	51 55				434013
10758	WOOMERA	9003	63 11 05	13 49 36.96	19 18 48	-55 36				434023
10759	WOOMERA	9003	63 11 05	13 51 15.49	17 30 18	-67 33				434023
10760	SHIRAZ	9008	63 11 05	15 06 15.96	4 10 00	67 48				434013
10757	OLFSFTN	9002	63 11 05	20 44 04.42	18 49 12	-62 07				434023
10763	ORGNPASS	9001	63 11 06	1 29 17.53	3 13 24	58 50				434013
30201	SYRACSE	0129	63 11 06	1 31 37.20	0 08 22	42 46				845013
10761	ORGNPASS	9001	63 11 06	3 14 20.00	17 31 12	37 08				434013
10762	ORGNPASS	9001	63 11 06	3 21 27.30	17 06 42	37 29				434013
10764	WOOMERA	9003	63 11 06	12 17 44.31	3 20 00	-66 15				434023
10765	SHIRAZ	9008	63 11 06	15 20 37.54	2 08 00	82 09				434013
10771	JUPITER	9010	63 11 07	0 01 43.88	1 57 06	54 23				434013
30208	EALING	8632	63 11 07	0 02 41.8			58 36 00	37 57 00		845303
10767	ORGNPASS	9001	63 11 07	1 43 50.22	1 05 18	66 59				434013
30203	ALBUQUE	8650	63 11 07	1 44 20.9	0 28 10	45 40				845013
30218	S ANTONIO	8658	63 11 07	1 46 16.3	22 35 30	46 19				845043
10772	JUPITER	9010	63 11 07	1 46 56.17	18 14 06	21 01				434013
10773	MAUI,HA	9012	63 11 07	5 13 24.10	2 47 24	72 27				434013
10768	WOOMERA	9003	63 11 07	10 46 14.04	4 21 24	-19 56				434013
10769	WOOMERA	9003	63 11 07	12 29 48.09	21 46 06	-36 15				434023
10770	SFERNNDO	9004	63 11 07	20 49 07.68	18 57 42	- 4 36				434013
30216	ST.PETE	8657	63 11 08	0 16 20.	0 17 20	38 13				845013
30217	URMSTON	8604	63 11 08	0 16 36.84	0 22 02	38 03				845013
30209	WPALMBCH	8632	63 11 08	0 17 16.0			62 18 00	66 42 00		845303
30219	S ANTONIO	8658	63 11 08	2 01 42.5	21 00 53	4 33				845013
10777	TOKYO	9005	63 11 08	8 52 49.00	0 48 24	48 24				434013
10774	WOOMERA	9003	63 11 08	10 56 45.82	1 53 06	9 56				434013
10775	WOOMERA	9003	63 11 08	12 40 39.66	20 35 06	6 38				434013
10778	SHIRAZ	9008	63 11 08	15 51 59.80	20 24 42	10 37				434013
10776	SFERNNDO	9004	63 11 08	19 16 36.50	20 10 24	35 37				434013
30204	BAHAMAS	0402	63 11 08	19 39 02.3			63 04 00	82 52 00		845303
30210	EALING	8632	63 11 09	0 31 43.3			244 54 00	72 00 00		845303
30202	PERIVALE	8637	63 11 09	2 12 34.60	23 56 57	33 27				845043
10779	ORGNPASS	9001	63 11 09	2 13 23.12	19 43 54	26 33				434013
10782	WOOMERA	9003	63 11 09	12 56 27.10	19 56 36	-12 05				434013
10783	NAINITAL	9006	63 11 09	14 22 13.11	18 59 36	3 13				434013
30212	BAHAMAS	0402	63 11 09	19 53 33.6			237 26 00	61 32 00		845303
30211	BAHAMAS	0402	63 11 09	19 53 33.8			237 18 00	61 39 00		845303
10789	AREQUIPA	9007	63 11 10	0 58 27.47	22 10 36	-11 45				434013
10791	V.DLORES	9011	63 11 10	1 03 08.67	22 45 12	-20 15				434013
10780	ORGNPASS	9001	63 11 10	2 27 40.80	18 44 06	10 29				434013
10786	TOKYO	9005	63 11 10	9 21 48.30	20 03 06	20 48				434013
10784	WOOMERA	9003	63 11 10	11 29 56.40	5 39 00	-72 36				434023
10787	NAINITAL	9006	63 11 10	12 50 42.34	23 57 06	29 33				434013
10788	NAINITAL	9006	63 11 10	14 36 24.54	18 28 12	- 2 35				434013

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10785	SFERNNDO	9004	63 11 10	19 45 21.28	18 26 12	3 57				434013
30225	CHTTNGA	0062	63 11 11	0 01 21.2	18 51 00	8 00				845004
30205	CHTTNGA	0062	63 11 11	0 59 .			266 00 00	26 12 00		845303
30206	CHTTNGA	0062	63 11 11	1 01 21.2	18 51 00	0 48				845044
30207	PUEBLA	0900	63 11 11	1 02 16.6	23 56 48	12 03				845013
10792	V.DLORES	9011	63 11 11	1 17 53.57	20 48 54	-34 28				434023
10794	MAUI,HA	9012	63 11 11	6 13 02.14	18 32 48	- 0 54				434013
10793	NAINITAL	9006	63 11 11	13 04 36.29	21 08 54	29 21				434013
10800	JUPITER	9010	63 11 11	23 27 15.95	22 00 00	51 24				434013
10795	V.DLORES	9011	63 11 11	23 48 56.11	4 00 42	-37 34				434023
10796	ORGNPASS	9001	63 11 12	1 10 19.46	21 17 48	35 15				434013
10801	MAUI,HA	9012	63 11 12	4 41 10.30	22 38 54	36 02				434013
10797	WOOMERA	9003	63 11 12	11 51 44.71	19 51 24	3 48				434013
30220	BRISTOL	8597	63 11 12	11 57 00.8			231 37 00	33 20 00		845303
10799	NAINITAL	9006	63 11 12	13 19 19.83	19 32 24	4 34				434013
10803	SHIRAZ	9008	63 11 12	15 02 29.61	19 13 00	14 48				434013
10798	SFERNNDO	9004	63 11 12	18 27 51.79	19 40 12	24 54				434013
30214	BAHAMAS	0402	63 11 12	18 49 56.8			62 00 00	89 41 00		845303
30213	DATCHET	8631	63 11 12	23 42 06.38	20 49 12	18 49				845014
10802	AREQUIPA	9007	63 11 12	23 54 41.31	23 25 24	7 10				434013
10804	V.DLORES	9011	63 11 12	23 59 39.30	23 51 48	- 8 06				434013
10805	MAUI,HA	9012	63 11 13	4 55 29.00	19 55 48	19 33				434013
30221	BRISTOL	8597	63 11 13	10 24 17.2			65 01 00	65 31 00		845303
30215	BAHAMAS	0402	63 11 13	19 04 28.8			237 14 00	56 38 00		845303
10807	JUPITER	9010	63 11 13	23 55 56.60	18 11 18	13 07				434013
10806	AREQUIPA	9007	63 11 14	0 09 02.58	21 01 12	- 7 04				434013
30223	ADELAIDE	8597	63 11 14	10 40 11.0			170 58 00	55 44 00		845303
30226	SUMMYVAL	8578	63 11 15	9 02 54.7	22 54 36	-14 01				845013
30224	BRISTOL	8597	63 11 15	10 53 17.8			235 15 00	48 55 00		845303
10809	WOOMERA	9003	63 11 16	11 03 09.47	19 07 12	- 1 58				434013
30222	BRISTOL	8597	63 11 16	11 07 58.9			230 50 00	31 15 00		845303
10810	WOOMERA	9003	63 11 17	11 19 23.44	18 24 42	-23 18				434023
10808	OLFSFTN	9002	63 11 17	18 12 49.11	18 16 00	-21 25				434013
10812	OLFSFTN	9002	63 11 19	1 58 23.77	11 58 30	6 40				434013
10813	V.DLORES	9011	63 11 19	23 57 38.62	14 57 42	-70 06				434023
10814	V.DLORES	9011	63 11 20	7 16 53.51	12 52 00	-49 18				434023
10817	V.DLORES	9011	63 11 21	7 31 21.22	11 50 00	-56 00				434023
10831	MAUI,HA	9012	63 11 21	14 42 59.40	12 33 42	-15 26				434013
10818	WOOMERA	9003	63 11 21	17 58 46.14	11 14 06	6 06				434013
30227	SUMMYVAL	8578	63 11 21	17 59 28.35	11 03 47	-34 45				845023
30228	SUMMYVAL	8578	63 11 21	17 59 30.5	11 03 29	-34 01				845023
10820	V.DLORES	9011	63 11 22	7 46 03.28	9 16 00	-55 02				434023
10819	CURACAO	9009	63 11 22	9 44 04.61	8 22 18	- 5 59				434013
10825	NAINITAL	9006	63 11 22	23 40 07.73	11 59 18	9 04				434013
10823	OLFSFTN	9002	63 11 23	1 09 12.04	11 14 12	7 30				434013
10829	V.DLORES	9011	63 11 23	8 00 15.65	5 55 06	-43 30				434023
10821	ORGNPASS	9001	63 11 23	11 47 15.40	12 09 36	- 0 29				434013
10828	SHIRAZ	9008	63 11 24	1 37 53.83	10 08 48	16 30				434013
10830	V.DLORES	9011	63 11 24	6 28 20.90	11 50 24	-43 30				434023
10827	AREQUIPA	9007	63 11 24	8 19 10.02	9 40 30	-20 10				434013
10822	ORGNPASS	9001	63 11 24	12 01 17.95	10 51 54	7 48				434013
10824	WOOMERA	9003	63 11 24	16 53 28.26	11 18 06	-17 57				434013
10826	NAINITAL	9006	63 11 25	0 08 31.49	7 12 36	34 37				434013
10834	SHIRAZ	9008	63 11 25	1 52 08.03	7 27 18	28 46				434013
30229	EALING	8632	63 11 25	10 30 44.9			297 54 00	65 01 00		845303
10832	ORGNPASS	9001	63 11 25	12 16 02.40	8 52 54	35 12				434013
10833	SFERNNDO	9004	63 11 26	5 35 25.55	8 47 48	33 15				434013
10836	V.DLORES	9011	63 11 26	6 57 15.66	8 15 18	-46 58				434023
10835	AREQUIPA	9007	63 11 26	8 47 33.01	4 56 30	2 31				434013
10837	ORGNPASS	9001	63 11 26	12 29 50.91	6 16 42	29 25				434013
10839	NAINITAL	9006	63 11 26	22 50 45.66	10 57 54	7 28				434013
10840	SHIRAZ	9008	63 11 27	0 34 15.97	10 51 24	0 20				434013
10838	SFERNNDO	9004	63 11 27	5 49 34.54	6 18 48	35 16				434013
10841	V.DLORES	9011	63 11 27	7 11 39.70	5 32 00	-29 16				434023
10842	ORGNPASS	9001	63 11 27	12 44 30.69	4 54 12	34 36				434013
10850	MAUI,HA	9012	63 11 27	14 23 53.29	10 32 06	30 24				434013
10844	TOKYO	9005	63 11 27	19 40 06.50	7 40 12	46 14				434013
10845	NAINITAL	9006	63 11 27	23 05 41.66	9 32 42	40 38				434013
10848	SHIRAZ	9008	63 11 28	0 49 53.76	10 21 48	45 45				434013
10847	AREQUIPA	9007	63 11 28	7 27 31.34	6 46 54	-68 10				434023
10849	JUPITER	9010	63 11 28	9 29 04.63	11 32 06	55 43				434013
10843	WOOMERA	9003	63 11 28	15 59 31.73	13 57 00	-69 20				434023
10856	TOKYO	9005	63 11 28	19 54 32.20	5 14 00	47 00				434013
10846	NAINITAL	9006	63 11 28	23 21 53.55	6 14 30	84 24				434013
10852	WOOMERA	9003	63 11 29	16 18 45.39	9 45 00	-13 00				434013

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10855	SFERNNDO	9004	63 11 30	4 49 04.93	14 49 06	75 28				434013
10851	ORGNPASS	9001	63 11 30	11 44 35.04	21 23 00	80 40				434013
10853	WOOMERA	9003	63 11 30	16 31 29.36	7 45 18	-41 04				434023
10854	WOOMERA	9003	63 12 01	16 44 30.10	3 25 30	-49 00				434023
10857	V.DLORES	9011	63 12 04	5 16 33.20	0 19 36	-73 40				434023
10858	WOOMERA	9003	63 12 04	15 40 27.45	3 39 48	-74 59				434023
10859	WOOMERA	9003	63 12 05	14 08 34.76	10 55 18	-51 42				434023
10860	WOOMERA	9003	63 12 05	15 53 58.16	0 41 42	-55 09				434023
10865	V.DLORES	9011	63 12 06	3 58 40.91	12 16 48	-72 38				434023
10862	WOOMERA	9003	63 12 06	14 20 46.28	14 11 48	-73 44				434023
10863	WOOMERA	9003	63 12 06	14 23 28.45	10 02 18	-53 42				434023
30230	BRISTOL	8597	63 12 06	14 23 35.6			124 45 00	41 10 00		845303
10861	WOOMERA	9003	63 12 07	14 36 24.06	10 37 00	-84 04				434023
10864	WOOMERA	9003	63 12 08	14 50 31.41	23 59 30	-73 40				434023
30232	BAHAMAS	0402	63 12 08	21 46 15.8			124 36 00	34 42 00		845303
30231	BAHAMAS	0402	63 12 08	21 46 16.0			124 36 00	34 40 00		845303
10866	WOOMERA	9003	63 12 09	15 04 45.40	23 59 12	-51 42				434023
10868	V.DLORES	9011	63 12 11	3 23 18.70	19 41 24	-81 01				434023
30233	BRISTOL	8597	63 12 11	13 48 42.3			147 03 00	71 34 00		845303
10869	WOOMERA	9003	63 12 12	14 01 44.12	0 09 24	-69 16				434023
30234	BAHAMAS	0402	63 12 12	20 57 07.6			125 05 00	37 41 00		845303
10870	WOOMERA	9003	63 12 13	12 29 10.30	10 47 24	-63 50				434023
10871	WOOMERA	9003	63 12 13	12 31 42.50	8 50 00	-39 15				434023
10872	WOOMERA	9003	63 12 13	14 15 19.90	23 05 24	-49 19				434023
30236	BAHAMAS	0402	63 12 13	21 11 44.0			119 17 00	62 11 00		845303
30237	BAHAMAS	0402	63 12 13	21 11 44.1			119 17 00	62 15 00		845303
10876	V.DLORES	9011	63 12 14	4 06 11.53	23 11 00	-32 33				434023
10873	WOOMERA	9003	63 12 14	12 45 11.44	8 29 18	-57 40				434023
10874	WOOMERA	9003	63 12 14	14 29 23.20	23 08 18	-34 30				434023
10875	WOOMERA	9003	63 12 15	12 59 57.21	5 59 00	-58 13				434023
10877	OLFSFTN	9002	63 12 15	19 55 34.19	8 16 42	-58 40				434023
10879	WOOMERA	9003	63 12 16	13 13 33.63	1 17 00	-58 05				434023
10878	OLFSFTN	9002	63 12 16	20 09 17.22	4 43 00	-77 19				434023
10881	WOOMERA	9003	63 12 17	11 40 13.53	9 59 06	-65 25				434023
10882	WOOMERA	9003	63 12 17	11 44 10.05	7 39 54	-20 32				434013
10883	WOOMERA	9003	63 12 17	13 27 47.58	0 02 12	-34 28				434023
10880	OLFSFTN	9002	63 12 17	20 23 43.97	0 37 24	-57 53				434023
10884	WOOMERA	9003	63 12 18	11 57 34.32	7 01 12	-33 51				434023
10885	WOOMERA	9003	63 12 18	13 40 04.30	22 26 42	-33 06				434023
10886	WOOMERA	9003	63 12 18	13 41 48.92	23 30 18	-20 50				434013
10887	WOOMERA	9003	63 12 19	12 12 26.27	5 17 42	-20 18				434013
10888	OLFSFTN	9002	63 12 19	19 07 56.61	6 54 48	-35 29				434023
10889	OLFSFTN	9002	63 12 19	20 51 55.99	23 15 00	-21 54				434013
10893	V.DLORES	9011	63 12 21	0 29 32.24	7 48 24	-53 10				434023
10894	V.DLORES	9011	63 12 21	2 14 56.80	22 49 42	-33 20				434023
10890	WOOMERA	9003	63 12 21	10 54 31.08	7 04 24	-26 55				434023
10891	WOOMERA	9003	63 12 21	10 56 19.51	6 46 36	- 5 45				434013
10892	WOOMERA	9003	63 12 21	12 40 38.89	0 57 00	- 2 23				434013
10895	OLFSFTN	9002	63 12 21	19 36 02.42	1 30 12	-31 43				434023
10910	V.DLORES	9011	63 12 22	2 29 49.86	23 04 06	-14 20				434013
10898	WOOMERA	9003	63 12 22	11 10 29.14	6 00 48	- 1 03				434013
10899	WOOMERA	9003	63 12 22	12 54 53.80	0 05 30	5 04				434013
10896	OLFSFTN	9002	63 12 22	18 06 52.51	6 46 12	- 4 01				434013
30238	BAHAMAS	0402	63 12 22	19 47 57.8			297 48 00	65 48 00		845303
10897	OLFSFTN	9002	63 12 22	19 49 59.88	23 49 12	-17 24				434013
10902	V.DLORES	9011	63 12 23	0 58 22.09	2 26 30	-60 22				434023
30235	BRISTOL	8597	63 12 23	11 21 44.2			310 36 00	85 18 00		845303
10901	WOOMERA	9003	63 12 23	11 25 46.32	4 53 36	20 27				434013
10900	OLFSFTN	9002	63 12 23	18 20 03.98	5 58 00	2 09				434013
10904	V.DLORES	9011	63 12 24	1 12 56.67	0 13 42	-33 28				434023
10903	AREQUIPA	9007	63 12 24	1 15 09.28	5 55 00	-64 44				434023
10906	V.DLORES	9011	63 12 28	0 27 32.14	2 04 54	29 01				434013
10905	SFERNNDO	9004	63 12 28	6 22 32.10	18 37 30	47 00				434013
10908	SFERNNDO	9004	63 12 29	6 34 42.18	21 48 24	74 48				434013
10909	TOKYO	9005	63 12 29	20 26 58.00	18 29 36	51 30				434013

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30078	CHTTNGA	0062	63 07 01	5 21 39.84			108 24 00	36 06 00		845303
10441	ORGNPASS	9001	63 07 01	6 48 49.01	23 30 36	62 58				434013
10445	SFERNNDO	9004	63 07 02	0 07 22.18	21 18 00	55 27				434013
10449	SFERNNDO	9004	63 07 03	0 20 56.83	16 06 54	63 46				434013
10446	ORGNPASS	9001	63 07 03	7 16 27.56	13 28 24	61 43				434013
10447	TOKYO	9005	63 07 03	14 11 47.00	20 00 24	67 55				434013
10448	NAINITAL	9006	63 07 04	17 53 08.47	0 47 30	81 05				434013
10451	SHIRAZ	9008	63 07 04	19 36 56.06	0 33 30	79 05				434013
10450	SFERNNDO	9004	63 07 04	23 04 46.86	22 07 06	42 36				434013
30079	ST.COLL	8603	63 07 05	4 16 54.4			124 06	61 30		845303
10453	SFERNNDO	9004	63 07 05	23 18 35.93	20 00 12	61 43				434013
10452	ORGNPASS	9001	63 07 06	6 13 40.49	13 19 00	80 51				434013
10454	SFERNNDO	9004	63 07 06	21 45 38.99	23 41 12	51 06				434013
10455	SFERNNDO	9004	63 07 06	23 33 00.33	16 13 54	50 02				434013
10456	SFERNNDO	9004	63 07 07	23 46 15.72	13 27 24	39 45				434013
10457	JUPITER	9010	63 07 08	3 13 55.17	23 38 54	59 02				434013
10460	SHIRAZ	9008	63 07 08	18 49 08.12	21 46 36	74 01				434013
10459	ORGNPASS	9001	63 07 09	5 12 37.81	20 59 48	51 44				434013
30081	DENVER	8651	63 07 10	5 26 00.4	16 04 18	26 48				845004
10461	ORGNPASS	9001	63 07 10	5 26 26.52	16 49 12	65 21				434013
10462	ORGNPASS	9001	63 07 11	3 53 21.29	23 27 18	57 28				434013
10463	ORGNPASS	9001	63 07 11	3 56 33.65	21 40 30	24 29				434013
30080	CHIN.LAK	0098	63 07 11	5 40 08.0			58 42 00	66 12 00		641303
10469	SHIRAZ	9008	63 07 11	17 47 44.78	21 29 54	40 13				434013
10466	SFERNNDO	9004	63 07 11	21 15 27.60	20 52 00	10 46				434013
10467	SFERNNDO	9004	63 07 11	22 58 46.66	13 53 36	24 58				434013
10464	ORGNPASS	9001	63 07 12	4 10 35.90	21 10 18	30 51				434013
30100	BRATSLV	8626	63 07 12	12 50 15.3	19 45 48	44 00				845013
10473	SFERNNDO	9004	63 07 12	21 29 45.42	20 01 54	7 41				434013
30085	SALSBURY	5050	63 07 13	2 38 18.1	15 54 40	36 51				845013
30086	CHTTNGA	0062	63 07 13	2 40 21.20			20 27 54	28 06 00		845303
10480	MAUI,HA	9012	63 07 13	7 52 37.84	22 19 24	76 39				434013
10468	TOKYO	9005	63 07 13	13 04 35.10	14 16 36	8 38				434013
30101	BRATSLV	8626	63 07 13	13 05 09.7	17 09 18	24 54				845013
10520	SFERNNDO	9004	63 07 13	21 43 50.26	18 31 30	5 32				434013
10470	JUPITER	9010	63 07 14	2 56 01.59	17 53 42	52 05				434013
30097	EDINBURG	8566	63 07 14	4 37 18.8			55 12 00	38 48 00		845303
10465	ORGNPASS	9001	63 07 14	4 39 22.50	17 17 48	28 18				434013
10479	MAUI,HA	9012	63 07 14	8 07 14.66	14 42 00	79 22				434013
30102	BRATSLV	8626	63 07 14	13 19 07.8	14 36 12	17 00				845013
10477	SHIRAZ	9008	63 07 14	18 30 22.58	13 52 12	30 42				434013
10471	SFERNNDO	9004	63 07 14	21 58 28.35	16 43 36	- 8 21				434013
10478	JUPITER	9010	63 07 15	3 10 08.61	14 27 30	38 47				434013
30088	EALING	8632	63 07 15	3 10 25.5			294 48 00	55 22 00		845303
30087	CHIN.LAK	0098	63 07 15	4 51 37.8			59 42 00	73 24 00		641303
10472	ORGNPASS	9001	63 07 15	4 53 51.21	15 04 54	10 30				434013
10474	NAINITAL	9006	63 07 15	15 12 21.83	0 59 48	76 59				434013
10475	NAINITAL	9006	63 07 15	15 17 33.83	20 14 24	8 36				434013
10476	NAINITAL	9006	63 07 15	16 59 12.72	12 03 30	30 00				434013
10482	SHIRAZ	9008	63 07 15	17 01 01.85	20 18 12	12 27				434013
10481	SFERNNDO	9004	63 07 15	22 12 54.53	15 14 18	-15 05				434013
30093	WLTHMSTO	8605	63 07 16	3 21 12.01	16 29 57	39 18				845013
30094	WLTHMSTO	8605	63 07 16	3 21 12.01	16 33 09	39 04				845043
10483	MAUI,HA	9012	63 07 16	6 49 38.17	22 25 48	65 27				434013
10484	MAUI,HA	9012	63 07 16	6 51 41.81	21 14 00	43 18				434013
10485	MAUI,HA	9012	63 07 16	8 35 40.91	12 10 36	38 46				434013
30099	BRATSLV	8626	63 07 16	12 01 54.8	18 39 42	39 30				845013
30095	EALING	8632	63 07 17	1 53 39.95			59 42 00	43 06 00		845303
10486	JUPITER	9010	63 07 17	1 54 28.94	19 38 30	21 07				434013
30092	CHIN.LAK	0098	63 07 17	5 20 41.5			247 12 00	38 04 48		641303
10488	MAUI,HA	9012	63 07 17	7 05 46.45	20 01 12	57 52				434013
10487	SHIRAZ	9008	63 07 17	17 29 44.90	16 53 30	- 2 32				434013
30091	DAYTON,O	8582	63 07 18	3 48 56.3			243 30	54 54		845304
30090	DENVER	8651	63 07 18	3 48 58.7	14 07 42	19 05				845014
30096	CHIN.LAK	0098	63 07 18	5 35 20.8			251 25 48	22 16 48		641303
30098	BRATSLV	8626	63 07 18	12 31 44.0	14 39 00	- 5 36				845013
10490	CURACAO	9009	63 07 19	0 40 11.68	20 45 00	40 30				434013
30089	DAYTON,O	8582	63 07 19	4 03 21.8			247 48	32 42		845304
10492	MAUI,HA	9012	63 07 19	7 35 10.51	13 58 00	28 29				434013
10491	JUPITER	9010	63 07 20	2 38 40.33	14 13 00	-20 31				434013
10493	MAUI,HA	9012	63 07 20	7 47 43.95	11 53 48	31 03				434013
10494	MAUI,HA	9012	63 07 20	7 50 11.75	13 14 00	2 37				434013
10489	SHIRAZ	9008	63 07 20	16 25 49.20	17 48 42	29 03				434013

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10495	MAUI,HA	9012	63 07 21	8 03 46.12	12 24 24	4 16				434013
10499	CURACAO	9009	63 07 22	23 50 42.53	20 09 30	53 27				434013
10500	CURACAO	9009	63 07 23	1 38 51.98	12 59 06	- 2 12				434013
10497	MAUI,HA	9012	63 07 23	6 50 14.40	15 27 48	-37 10				434023
10498	MAUI,HA	9012	63 07 24	7 04 47.31	13 50 24	-37 54				434023
10501	V.DLORES	9011	63 07 26	9 55 16.22	10 48 00	-71 18				434023
10502	V.DLORES	9011	63 07 26	10 01 35.55	6 36 06	- 7 11				434013
10504	AREQUIPA	9007	63 07 28	23 42 24.00	19 36 00	-12 36				434013
10503	V.DLORES	9011	63 07 29	8 56 21.24	6 48 12	-31 21				434023
10505	OLFSFTN	9002	63 07 29	18 44 25.86	12 52 42	10 55				434013
10507	WOOMERA	9003	63 07 30	10 21 19.35	16 53 18	14 54				434013
10506	OLFSFTN	9002	63 07 30	17 14 43.18	18 15 06	- 8 37				434013
10508	WOOMERA	9003	63 07 30	19 30 17.34	9 23 24	-70 17				434023
10509	AREQUIPA	9007	63 07 31	0 13 03.23	18 25 24	-71 19				434023
10510	OLFSFTN	9002	63 07 31	17 32 48.92	18 03 12	-57 52				434023
10511	WOOMERA	9003	63 08 01	10 51 46.34	13 22 12	-34 11				434023
10514	WOOMERA	9003	63 08 02	11 03 28.12	12 20 06	2 07				434013
10515	AREQUIPA	9007	63 08 03	23 21 29.25	13 59 30	-25 18				434023
10512	OLFSFTN	9002	63 08 05	1 54 42.42	5 59 18	-52 38				434023
10513	OLFSFTN	9002	63 08 05	1 59 15.84	5 09 36	5 15				434013
10516	WOOMERA	9003	63 08 05	19 14 05.03	1 56 54	-39 40				434023
10517	OLFSFTN	9002	63 08 07	2 25 34.64	2 01 12	-20 19				434013
10544	OLFSFTN	9002	63 08 08	2 41 07.35	0 27 00	13 05				434013
10518	JUPITER	9010	63 08 08	9 51 24.33	6 37 06	12 50				434013
10519	MAUI,HA	9012	63 08 08	14 55 59.26	3 57 54	-44 40				434023
10521	WOOMERA	9003	63 08 10	9 26 47.81	10 51 48	- 4 05				434013
10522	ORGNPASS	9001	63 08 12	10 44 33.85	4 31 24	-20 46				434013
10523	ORGNPASS	9001	63 08 12	10 48 02.32	6 06 24	11 51				434013
10526	CURACAO	9009	63 08 13	9 10 21.67	22 33 36	-13 10				434013
10524	ORGNPASS	9001	63 08 13	10 57 15.02	2 55 48	-35 11				434023
10525	ORGNPASS	9001	63 08 13	11 03 45.31	6 51 54	33 22				434013
10527	CURACAO	9009	63 08 14	7 43 36.41	5 24 30	28 12				434013
30103	WPALMBCH	8632	63 08 14	9 29 45.6			115 12 00	71 42 00		845303
10528	MAUI,HA	9012	63 08 14	14 36 54.70	23 33 30	-29 27				434023
10529	MAUI,HA	9012	63 08 15	13 07 52.17	4 28 30	-10 13				434013
10530	MAUI,HA	9012	63 08 15	13 10 05.88	5 18 06	12 49				434013
10531	ORGNPASS	9001	63 08 16	9 55 32.46	3 36 48	-24 52				434023
10536	MAUI,HA	9012	63 08 16	15 11 59.26	20 05 54	64 33				434013
10535	JUPITER	9010	63 08 17	8 26 33.11	3 18 18	- 0 41				434013
10537	MAUI,HA	9012	63 08 17	13 38 06.74	3 11 24	35 04				434013
10533	SHIRAZ	9008	63 08 18	0 01 47.31	0 53 30	- 1 59				434013
10532	SFERNNDO	9004	63 08 18	3 29 02.92	2 08 36	-26 49				434023
10538	MAUI,HA	9012	63 08 18	13 52 20.73	23 59 30	48 05				434013
10534	SHIRAZ	9008	63 08 19	0 16 01.85	22 48 30	5 39				434013
10539	SFERNNDO	9004	63 08 19	3 44 06.10	1 01 18	-15 53				434013
10540	JUPITER	9010	63 08 19	8 55 43.18	22 59 36	31 03				434013
30104	EALING	8632	63 08 19	8 55 52.4			298 30 00	58 44 00		845303
10541	MAUI,HA	9012	63 08 19	14 07 29.03	21 18 12	56 10				434013
10542	TOKYO	9005	63 08 19	17 35 18.90	2 25 54	- 6 11				434013
30108	BRATSLV	8626	63 08 19	19 20 11.7	21 46 30	25 00				845013
10543	MAUI,HA	9012	63 08 20	14 21 51.70	20 13 18	46 26				434013
10547	SHIRAZ	9008	63 08 20	23 02 05.60	4 41 12	40 30				434013
10548	SHIRAZ	9008	63 08 21	0 45 39.94	20 42 18	23 37				434013
10545	SFERNNDO	9004	63 08 21	2 29 08.77	3 55 54	2 11				434013
10546	SFERNNDO	9004	63 08 21	4 13 37.19	22 04 18	11 00				434013
30105	DENVER	8582	63 08 21	11 12 50.5			310 10	37 60		845304
10551	SHIRAZ	9008	63 08 21	23 16 06.96	2 42 54	60 45				434013
10549	SFERNNDO	9004	63 08 22	2 43 49.55	3 30 54	16 01				434013
10550	SFERNNDO	9004	63 08 22	4 28 05.32	21 09 24	15 26				434013
10552	JUPITER	9010	63 08 22	7 55 50.00	5 07 54	67 47				434013
30107	MCDONALD	0139	63 08 22	9 39 16.42	22 35 16	43 12				845014
10553	SFERNNDO	9004	63 08 23	2 58 41.19	2 46 48	42 33				434013
10558	SHIRAZ	9008	63 08 23	23 45 06.31	19 42 00	59 14				434013
10555	SFERNNDO	9004	63 08 24	3 13 08.67	23 45 36	60 48				434013

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30106	CHTTNGA	0062	63 08 24	8 23 32.3	23 01 06	43 42				845004
10554	ORGNPASS	9001	63 08 24	10 08 26.91	20 25 24	63 10				434013
10556	SFERNNDO	9004	63 08 25	3 27 36.47	20 39 12	56 49				434013
10560	SFERNNDO	9004	63 08 28	2 26 16.19	5 35 18	85 00				434013
10559	ORGNPASS	9001	63 08 28	9 21 41.11	17 09 30	76 32				434013
10561	SFERNNDO	9004	63 08 30	2 55 18.36	16 53 36	64 50				434013
10562	WOOMERA	9003	63 09 08	11 25 15.85	13 17 54	-78 23				434023
10563	WOOMERA	9003	63 09 09	9 54 16.19	1 20 00	-56 27				434023
10564	WOOMERA	9003	63 09 11	10 25 28.26	22 13 54	-44 29				434023
10567	WOOMERA	9003	63 09 12	10 37 39.95	15 46 18	-75 14				434023
10568	WOOMERA	9003	63 09 12	10 40 17.62	20 06 06	-32 45				434023
10565	OLFSFTN	9002	63 09 12	17 34 27.42	22 21 42	-71 49				434023
10566	OLFSFTN	9002	63 09 12	17 36 31.19	22 08 48	-36 11				434023
10570	WOOMERA	9003	63 09 13	10 52 33.08	15 20 00	-49 03				434023
10571	WOOMERA	9003	63 09 13	10 55 22.78	18 14 48	- 5 01				434013
30109	BAHAMAS	0402	63 09 13	17 47 44.6			121 32 00	54 35 00		845303
10569	OLFSFTN	9002	63 09 13	17 51 48.32	20 09 30	-12 35				434013
10574	V.DLORES	9011	63 09 13	23 01 52.13	22 19 48	- 5 29				434013
10576	V.DLORES	9011	63 09 14	23 13 11.55	20 53 54	-56 14				434023
10572	WOOMERA	9003	63 09 15	9 37 29.98	21 22 24	-32 36				434023
10578	OLFSFTN	9002	63 09 15	18 20 11.16	16 17 12	2 55				434013
10579	V.DLORES	9011	63 09 15	23 27 31.12	17 25 54	-50 02				434023
10581	AREQUIPA	9007	63 09 16	1 17 40.71	15 50 06	- 2 45				434013
10580	WOOMERA	9003	63 09 16	9 51 20.90	18 38 00	-39 57				434023
10582	V.DLORES	9011	63 09 16	23 42 44.66	16 22 24	-16 00				434013
30122	SUMMYVAL	8578	63 09 17	10 10 43.4	16 21 33	8 31				845013
10584	OLFSFTN	9002	63 09 17	17 02 04.40	18 14 06	-37 22				434023
10585	AREQUIPA	9007	63 09 18	0 00 40.82	18 13 12	-23 07				434023
10586	OLFSFTN	9002	63 09 18	17 16 54.59	16 23 42	-10 57				434013
10587	MAUI,HA	9012	63 09 19	7 20 04.78	16 04 48	- 8 18				434013
10588	MAUI,HA	9012	63 09 19	7 22 03.55	16 04 18	14 12				434013
10598	SHIRAZ	9008	63 09 19	16 00 45.67	21 07 06	-24 43				434023
10589	OLFSFTN	9002	63 09 19	17 34 28.70	16 49 00	36 10				434013
10590	AREQUIPA	9007	63 09 20	0 27 07.68	14 21 30	-21 48				434013
10591	AREQUIPA	9007	63 09 20	0 32 58.55	16 22 54	42 31				434013
10592	ORGNPASS	9001	63 09 20	11 34 03.89	11 13 12	50 19				434013
10595	SFERNNDO	9004	63 09 20	21 35 41.39	11 04 00	75 49				434013
10599	CURACAO	9009	63 09 21	0 50 02.04	15 28 48	- 8 04				434013
10600	CURACAO	9009	63 09 21	0 55 41.36	15 12 36	62 34				434013
10593	ORGNPASS	9001	63 09 21	4 26 13.41	15 45 18	21 53				434013
10594	ORGNPASS	9001	63 09 21	4 30 19.89	12 53 54	63 51				434013
10596	SFERNNDO	9004	63 09 21	4 49 37.25	14 35 18	69 01				434013
10597	SFERNNDO	9004	63 09 22	5 04 14.59	16 35 48	76 00				434013
10604	AREQUIPA	9007	63 09 22	23 27 04.35	15 33 36	4 50				434013
10605	MAUI,HA	9012	63 09 23	6 32 13.91	15 21 36	0 12				434013
10606	MAUI,HA	9012	63 09 23	6 37 17.91	14 14 24	61 47				434013
10601	NAINITAL	9006	63 09 23	13 28 33.12	20 09 48	-21 31				434013
10602	NAINITAL	9006	63 09 23	15 15 15.90	15 24 36	14 46				434013
10603	NAINITAL	9006	63 09 23	22 39 26.23	10 42 24	53 18				434013
10616	SHIRAZ	9008	63 09 24	0 25 33.51	9 39 54	27 23				434013
30110	ROCHESTR	8624	63 09 24	1 44 58.27	15 06 51	76 06				845013
10607	ORGNPASS	9001	63 09 24	10 45 08.47	10 51 30	55 08				434013
10608	ORGNPASS	9001	63 09 24	10 47 48.46	9 30 36	27 27				434013
10609	SFERNNDO	9004	63 09 24	20 41 08.03	15 56 00	1 36				434013
10610	NAINITAL	9006	63 09 24	22 52 13.66	13 15 12	75 33				434013
30111	ST.COLL	8603	63 09 25	0 11 00.6			115 15	53 05		845303
30115	GILES ME	8624	63 09 25	0 11 49.45	21 55 42	19 51				845013
10611	ORGNPASS	9001	63 09 25	1 51 59.84	20 23 12	10 11				434013
10612	ORGNPASS	9001	63 09 25	10 58 19.94	13 01 48	73 35				434013
10613	ORGNPASS	9001	63 09 25	11 04 39.17	8 36 18	- 0 59				434013
10617	MAUI,HA	9012	63 09 25	14 34 28.26	9 18 36	9 27				434013
10614	SFERNNDO	9004	63 09 25	19 12 29.67	21 10 12	29 24				434013
10615	SFERNNDO	9004	63 09 25	21 00 26.96	13 21 48	56 56				434013
10618	NAINITAL	9006	63 09 26	14 10 39.26	15 24 24	- 6 30				434013
10619	NAINITAL	9006	63 09 26	14 17 08.36	11 29 12	75 57				434013
10620	SHIRAZ	9008	63 09 26	15 54 58.64	15 28 48	- 2 35				434013
30114	DODSON	8584	63 09 27	0 39 42.1	18 28 25	48 13				845013
30112	DENVER	8582	63 09 27	2 23 33.7			305 00	59 60		845304
30116	EALING	8632	63 09 27	9 48 15.2			62 24 00	68 12 00		845303
10622	NAINITAL	9006	63 09 27	14 27 11.15	14 37 18	20 18				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10623	NAINITAL	9006	63 09 27	14 30 39.66	13 04 42	57 53				434013
10624	NAINITAL	9006	63 09 27	21 54 15.49	8 46 12	16 55				434013
10626	SHIRAZ	9008	63 09 27	23 34 15.98	10 17 30	57 21				434013
10627	SHIRAZ	9008	63 09 27	23 37 57.20	8 46 36	17 13				434013
10628	ORGNPASS	9001	63 09 28	2 39 07.58	10 54 48	71 48				434013
10629	ORGNPASS	9001	63 09 28	9 56 39.54	10 08 42	56 08				434013
10630	ORGNPASS	9001	63 09 28	9 59 58.73	8 38 36	19 41				434013
30117	EALING	8632	63 09 28	10 02 50.8			246 06 00	68 36 00		845303
30118	WPALMBCH	8632	63 09 28	10 03 00.6			235 06 00	67 48 00		845303
30113	CHIN.LAK	0098	63 09 28	11 43 00.7			58 18 00	71 32 24		641303
30119	DENVER	8582	63 09 28	11 43 20.9			246 51	38 00		845304
10635	SFERNNDO	9004	63 09 28	19 59 06.20	9 22 00	71 34				434013
10625	NAINITAL	9006	63 09 28	22 03 34.88	13 20 48	78 02				434013
10631	ORGNPASS	9001	63 09 29	2 50 06.75	14 06 12	32 18				434013
10632	ORGNPASS	9001	63 09 29	2 52 11.75	13 00 48	53 05				434013
10636	SFERNNDO	9004	63 09 29	3 18 55.64	7 52 42	4 52				434013
10621	CURACAO	9009	63 09 29	8 38 55.11	8 36 12	-16 59				434013
10633	ORGNPASS	9001	63 09 29	10 09 23.08	13 47 48	75 42				434013
30120	DENVER	8582	63 09 29	10 11 08.10			54 70	54 80		845304
10634	ORGNPASS	9001	63 09 29	11 55 52.55	23 10 48	35 51				434013
10637	SFERNNDO	9004	63 09 29	20 09 05.14	14 19 36	26 31				434013
10638	SFERNNDO	9004	63 09 30	5 14 15.45	23 33 48	24 08				434013
10639	SFERNNDO	9004	63 09 30	5 19 42.92	2 42 42	-26 19				434023
10641	NAINITAL	9006	63 09 30	13 28 34.34	11 05 18	73 15				434013
10640	OLFSFTN	9002	63 10 01	2 18 52.33	8 53 42	12 05				434013
30121	A.ARBOR	0121	63 10 01	9 00 05.22	6 11 44	14 42				845014
10648	ORGNPASS	9001	63 10 01	10 43 27.60	4 53 36	- 0 23				434013
10643	MAUI,HA	9012	63 10 01	14 11 44.54	4 17 00	57 17				434013
10642	ORGNPASS	9001	63 10 02	1 50 01.45	11 27 42	67 02				434013
10644	AREQUIPA	9007	63 10 03	9 41 54.50	4 00 24	-32 31				434023
10646	V.DLORES	9011	63 10 07	8 59 58.83	5 17 00	-78 00				434023
10645	OLFSFTN	9002	63 10 08	2 11 31.11	2 49 18	17 34				434013
10647	WOOMERA	9003	63 10 08	17 52 04.07	9 42 42	-30 54				434023
30123	BAHAMAS	0402	63 10 09	2 29 55.5			64 19 00	70 04 00		845303
30124	BAHAMAS	0402	63 10 09	2 29 56.0			64 39 00	70 03 00		845303
10649	WOOMERA	9003	63 10 09	18 01 18.68	5 40 00	17 21				434013
10650	WOOMERA	9003	63 10 10	18 16 06.89	3 59 54	2 57				434013
10653	WOOMERA	9003	63 10 11	18 31 08.63	2 15 42	-18 11				434013
10651	OLFSFTN	9002	63 10 12	1 26 51.49	3 05 42	-57 17				434023
10654	WOOMERA	9003	63 10 12	17 02 25.35	8 23 00	-25 27				434023
10655	WOOMERA	9003	63 10 12	18 50 48.09	18 25 00	-77 52				434023
10652	OLFSFTN	9002	63 10 13	1 41 12.76	0 34 00	-50 22				434023
10656	WOOMERA	9003	63 10 13	17 16 25.47	7 38 48	-39 33				434023
10657	WOOMERA	9003	63 10 14	17 30 50.01	6 05 30	-62 39				434023
10658	V.DLORES	9011	63 10 15	7 22 11.52	1 23 48	-65 13				434023
10659	WOOMERA	9003	63 10 15	17 44 57.59	1 30 00	-65 23				434023
10660	OLFSFTN	9002	63 10 16	0 40 58.48	10 38 00	-85 40				434023
10661	WOOMERA	9003	63 10 16	17 59 30.70	23 20 54	-57 11				434023
10663	V.DLORES	9011	63 10 19	6 34 44.32	23 12 54	-79 29				434023
10664	V.DLORES	9011	63 10 20	6 48 45.74	22 08 06	-61 27				434023
10665	WOOMERA	9003	63 10 21	17 26 31.57	21 16 42	-57 11				434023
10666	V.DLORES	9011	63 11 03	3 07 23.38	11 36 00	-83 30				434023
10667	TOKYO	9005	63 11 03	9 33 09.90	4 38 00	67 12				434013
10671	NAINITAL	9006	63 11 04	13 15 36.93	4 39 48	61 49				434013
10680	COLD L.	9118	63 11 05	1 17 41.12	21 40 00	70 38				434013
10668	ORGNPASS	9001	63 11 05	1 21 21.14	4 56 12	62 32				434013
10669	ORGNPASS	9001	63 11 05	1 23 22.24	3 15 36	44 12				434013
10670	ORGNPASS	9001	63 11 05	3 07 15.82	16 58 00	52 28				434013
10672	NAINITAL	9006	63 11 05	13 29 20.86	6 20 48	77 28				434013
10674	SHIRAZ	9008	63 11 05	15 14 40.20	3 18 24	63 42				434013
10676	ORGNPASS	9001	63 11 06	1 35 15.94	6 39 00	75 34				434013
10675	ORGNPASS	9001	63 11 06	1 38 57.48	2 05 48	33 44				434013
10673	V.DLORES	9011	63 11 06	2 03 08.76	3 39 30	-74 31				434023
10679	MAUI,HA	9012	63 11 06	5 06 31.70	4 03 30	66 12				434013
10677	WOOMERA	9003	63 11 06	12 25 07.16	1 39 24	-65 44				434023
10678	SHIRAZ	9008	63 11 06	15 30 40.93	0 35 18	46 01				434013
10684	JUPITER	9010	63 11 07	0 09 33.93	1 36 36	58 32				434013
30129	EALING	8632	63 11 07	0 10 43.2			59 30 00	42 51 00		845303

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30130	EALING	8632	63 11 07	0 10 51.6			63 06 00	42 54 00		845303
30126	ALBQRQUE	8650	63 11 07	1 52 20.8	23 57 35	44 54				845013
10685	JUPITER	9010	63 11 07	1 54 33.37	18 06 30	21 10				434C13
10681	ORGNPASS	9001	63 11 07	1 54 34.66	0 41 36	11 39				434C13
10686	MAUI,HA	9012	63 11 07	5 22 34.96	1 43 18	60 14				434013
10682	WOOMERA	9003	63 11 07	10 54 10.58	4 22 42	-21 44				434C13
10683	WOOMERA	9003	63 11 07	12 37 57.18	21 24 06	-38 34				434C23
30133	URMSTON	8604	63 11 08	0 24 45.7	23 50 59	36 30				845C13
10688	JUPITER	9010	63 11 08	0 26 58.08	23 46 48	- 4 21				434C13
10687	AREQUIPA	9007	63 11 08	2 27 33.05	19 13 00	-58 37				434C23
30127	BAHAMAS	0402	63 11 08	19 47 16.6			247 C0 0C	88 17 00		845303
30128	COLUMBUS	0051	63 11 09	0 35 01.6	18 28 36	29 35				845C13
30131	WPALMBCH	8632	63 11 09	0 40 39.4			245 42 0C	62 54 0C		845303
30125	PERIVALE	8637	63 11 09	2 21 14.00	23 31 32	22 31				845C13
10690	NAINITAL	9006	63 11 09	12 47 40.20	1 08 42	- 9 39				434C13
10691	NAINITAL	9006	63 11 09	14 27 59.17	17 27 48	26 41				434C13
10692	NAINITAL	9006	63 11 09	14 33 36.22	20 15 54	-30 43				434C23
10693	SHIRAZ	9008	63 11 09	16 11 02.99	17 02 12	32 04				434C13
10715	ORGNPASS	9001	63 11 10	2 33 09.86	16 44 00	33 43				434C13
10689	ORGNPASS	9001	63 11 10	2 39 26.63	20 29 12	-29 46				434C23
10694	ORGNPASS	9001	63 11 11	1 02 42.62	22 23 00	78 53				434C13
10695	MAUI,HA	9012	63 11 11	4 33 32.34	0 38 42	69 11				434C13
10696	V.DLORES	9011	63 11 13	1 57 51.52	17 50 12	-53 22				434C23
10697	SHIRAZ	9008	63 11 13	15 22 51.85	16 40 00	27 23				434C13
30132	BAHAMAS	0402	63 11 13	19 13 25.8			237 5C 00	49 59 00		845303
10698	JUPITER	9010	63 11 14	0 02 14.65	16 27 48	34 48				434C13
10704	JUPITER	9010	63 11 14	0 08 37.48	19 56 42	-34 16				434023
10699	MAUI,HA	9012	63 11 14	5 15 55.44	16 58 12	31 53				434013
10700	MAUI,HA	9012	63 11 14	5 22 07.81	19 50 00	-38 57				434C23
30134	ADELAIDE	8597	63 11 14	10 47 48.8			238 20 00	69 23 00		845303
10709	JUPITER	9010	63 11 15	0 18 00.28	17 03 30	11 40				434013
10710	JUPITER	9010	63 11 15	0 20 56.66	18 22 18	-14 35				434C13
10705	MAUI,HA	9012	63 11 15	5 32 55.20	17 47 54	- 2 12				434C13
10702	AREQUIPA	9C07	63 11 16	0 46 30.01	18 25 54	-13 42				434C13
10703	AREQUIPA	9007	63 11 16	0 50 06.56	17 54 00	-51 29				434C23
10711	CURACAO	9009	63 11 16	23 04 54.11	17 11 42	26 26				434C13
10701	WOOMERA	9003	63 11 17	11 30 52.06	17 47 42	-41 48				434C23
10706	ORGNPASS	9001	63 11 18	1 01 59.24	18 44 48	-26 3C				434C23
10707	SFERNNDO	9004	63 11 19	5 50 10.96	12 38 42	-15 21				434C13
10708	SFERNNDO	9004	63 11 19	5 53 38.76	14 36 00	17 42				434C13
30135	A.ARBOR	0121	63 11 19	11 00 44.70	12 43 13	- 2 55				845C14
10712	V.DLORES	9011	63 11 20	0 01 49.03	18 24 24	- 9 04				434C13
10713	V.DLORES	9011	63 11 20	7 24 02.58	16 26 42	-72 06				434C23
10724	MAUI,HA	9012	63 11 21	14 51 30.35	11 58 18	-31 22				434C23
10725	MAUI,HA	9012	63 11 21	14 54 59.27	13 15 24	7 27				434C13
10714	WOOMERA	9003	63 11 21	18 09 07.17	11 05 00	11 18				434C13
10716	ORGNPASS	9001	63 11 22	11 45 12.45	13 49 18	16 16				434C13
10726	TOKYO	9005	63 11 22	20 26 58.70	14 02 48	59 27				434C13
10720	V.DLORES	9011	63 11 23	6 22 41.38	13 15 00	-55 39				434023
10721	V.DLORES	9011	63 11 23	8 11 52.56	6 41 12	-10 14				434C13
10717	ORGNPASS	9001	63 11 23	12 00 38.67	14 32 48	37 39				434C13
10722	V.DLORES	9011	63 11 24	6 35 40.78	15 46 00	-73 39				434C23
10723	V.DLORES	9011	63 11 24	6 42 31.72	11 00 18	1 09				434C13
10718	WOOMERA	9003	63 11 24	18 46 17.64	2 48 24	-38 51				434023
10719	NAINITAL	9006	63 11 25	0 20 03.91	6 30 12	57 18				434C13
30136	EALING	8632	63 11 25	10 41 24.3			299 C0 00	53 48 0C		845303
10727	NAINITAL	9006	63 11 27	23 13 20.41	6 54 30	-31 00				434023
10728	V.DLORES	9011	63 11 28	5 53 06.82	10 18 48	- 5 56				434C13
10730	NAINITAL	9006	63 11 29	23 48 05.54	1 44 48	69 09				434C13
10731	V.DLORES	9011	63 12 01	4 44 27.69	13 50 24	-67 45				434C23
10729	WOOMERA	9003	63 12 01	16 56 01.95	3 07 00	-39 51				434C23
10732	V.DLORES	9C11	63 12 04	5 29 12.71	2 19 24	-62 02				434C23
10733	WOOMERA	9003	63 12 04	15 52 02.79	1 49 18	-68 30				434C23
10734	V.DLORES	9011	63 12 05	3 58 41.86	10 10 12	-42 26				434C23
30137	BRISTOL	8597	63 12 05	14 21 15.8			125 08 C0	3C 52 00		845303
10738	V.DLORES	9011	63 12 06	4 11 24.46	9 59 18	-65 53				434C23
10736	WOOMERA	9003	63 12 06	14 35 12.33	10 07 18	-64 00				434C23
10739	V.DLORES	9011	63 12 07	4 26 06.22	4 21 00	-80 20				434C23

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10735	WOOMERA	9003	63 12 07	14 48 42.43	2 30 00	-87 12				434023
10737	WOOMERA	9003	63 12 08	15 02 50.78	23 49 18	-65 02				434023
10740	V.DLORES	9011	63 12 11	3 37 39.48	2 49 00	-76 16				434023
10755	WOOMERA	9003	63 12 11	14 00 09.64	0 23 36	-83 19				434023
10741	V.DLORES	9011	63 12 12	3 51 48.52	0 16 36	-54 01				434023
10744	OLFSFTN	9002	63 12 12	21 10 31.49	23 52 00	-81 02				434023
10742	V.DLORES	9011	63 12 13	2 18 24.17	12 52 24	-72 59				434023
10743	V.DLORES	9011	63 12 13	2 21 33.48	8 42 12	-45 10				434023
10745	WOOMERA	9003	63 12 13	12 45 13.05	8 34 00	-37 09				434023
10747	V.DLORES	9011	63 12 14	2 35 56.90	7 16 42	-53 42				434023
10746	WOOMERA	9003	63 12 15	13 13 06.66	4 04 48	-63 51				434023
10748	WOOMERA	9003	63 12 16	11 42 55.60	8 10 30	-26 46				434023
10752	V.DLORES	9011	63 12 17	1 29 26.41	13 35 48	-74 10				434023
10753	V.DLORES	9011	63 12 17	1 34 15.86	7 30 06	-27 09				434023
10750	WOOMERA	9003	63 12 17	11 53 05.99	11 55 06	-73 01				434023
10751	WOOMERA	9003	63 12 17	11 57 20.51	7 37 06	-28 11				434023
10749	OLFSFTN	9002	63 12 17	18 51 42.16	8 42 42	-45 51				434023
10754	WOOMERA	9003	63 12 18	12 11 20.35	6 28 48	-37 34				434023
10757	V.DLORES	9011	63 12 19	2 02 28.62	3 24 30	-34 26				434023
10756	WOOMERA	9003	63 12 19	12 25 57.14	4 05 42	-29 20				434023
10758	V.DLORES	9011	63 12 20	0 27 39.62	9 48 48	-63 48				434023
10759	V.DLORES	9011	63 12 20	0 31 55.38	7 17 24	-19 04				434013
10760	V.DLORES	9011	63 12 20	2 16 47.74	1 08 12	-18 02				434013
10761	WOOMERA	9003	63 12 20	10 53 58.09	7 36 00	-31 24				434023
10762	WOOMERA	9003	63 12 20	12 40 24.26	1 43 36	-12 44				434013
10763	WOOMERA	9003	63 12 21	11 10 20.61	6 36 30	- 7 00				434013
10765	V.DLORES	9011	63 12 22	1 02 24.81	5 34 36	18 09				434013
10764	WOOMERA	9003	63 12 22	11 24 27.30	5 34 48	0 20				434013
10768	WOOMERA	9003	63 12 23	11 39 06.75	3 52 42	9 31				434013
10767	OLFSFTN	9002	63 12 23	18 35 29.98	5 28 30	3 26				434013
10770	AREQUIPA	9007	63 12 24	1 30 58.41	4 49 48	-49 08				434023
10769	WOOMERA	9003	63 12 25	12 02 38.56	21 24 42	-34 08				434023
10772	V.DLORES	9011	63 12 28	0 37 59.31	22 00 48	-33 16				434023
10771	SFERNNDO	9004	63 12 28	6 34 43.27	23 16 48	69 39				434013
10774	WOOMERA	9003	63 12 28	11 01 43.86	22 33 54	-30 32				434023
10776	TOKYO	9005	63 12 28	20 30 44.10	17 45 18	20 41				434013
10777	V.DLORES	9011	63 12 29	0 53 05.00	22 11 42	-12 05				434013
10778	TOKYO	9005	63 12 29	20 40 14.90	22 12 36	72 28				434013
10773	NAINITAL	9006	63 12 31	0 25 22.77	18 26 36	49 07				434013
10775	ORGNPASS	9001	63 12 31	12 29 21.92	20 14 30	64 10				434013

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30001	MADISON	0148	63 08 15	1 58 41.10			348 06	16 36		845302
30002	ROCHESTR	8585	63 08 15	2 00 50.10	6 17 18	60 49				845C12
30003	MADISON	0148	63 08 18	2 24 51.50			0 00	13 00		845302

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10005	MAUI,HA	9012	63 12 01	15 21 36.97	11 05 54	5 41				434013
10006	MAUI,HA	9012	63 12 01	15 22 02.63	11 28 12	12 03				434013
10001	WOOMERA	9003	63 12 01	16 39 53.33	8 32 12	-66 44				434023
10002	WOOMERA	9003	63 12 01	16 40 05.35	8 44 24	-63 42				434023
10003	WOOMERA	9003	63 12 01	16 42 05.35	9 43 18	-32 01				434023
10007	ORGNPASS	9001	63 12 02	11 31 31.97	12 53 30	- 3 16				434013
10011	MAUI,HA	9012	63 12 02	14 49 26.72	11 32 12	2 54				434013
10012	MAUI,HA	9012	63 12 02	14 50 45.97	12 31 00	18 33				434013
10013	MAUI,HA	9012	63 12 02	14 52 04.59	13 27 36	29 26				434013
10008	WOOMERA	9003	63 12 02	16 07 10.32	9 20 00	-70 14				434023
10009	WOOMERA	9003	63 12 02	16 07 59.18	9 36 18	-57 48				434023
10010	WOOMERA	9003	63 12 02	16 08 47.93	9 46 18	-45 18				434023
10015	ORGNPASS	9001	63 12 03	12 43 06.08	9 58 30	41 37				434013
10017	ORGNPASS	9001	63 12 03	12 43 14.08	10 09 42	43 59				434013
10014	MAUI,HA	9012	63 12 03	14 16 26.99	11 16 00	- 8 42				434013
10018	V.DLORES	9011	63 12 04	5 00 43.86	9 22 30	-49 20				434023
10025	MAUI,HA	9012	63 12 04	13 43 51.24	11 13 24	-13 13				434013
10026	MAUI,HA	9012	63 12 04	13 44 23.50	11 30 18	- 7 39				434013
10019	WOOMERA	9003	63 12 04	15 02 28.13	10 20 54	-62 00				434023
10020	WOOMERA	9003	63 12 04	15 03 00.47	10 10 48	-54 54				434023
10021	WOOMERA	9003	63 12 04	15 05 10.43	9 58 48	-28 51				434023
10027	MAUI,HA	9012	63 12 04	15 29 17.74	6 50 12	48 32				434013
10028	MAUI,HA	9012	63 12 04	15 29 46.36	7 03 06	56 10				434013
10022	WOOMERA	9003	63 12 04	16 46 31.26	3 33 48	-35 12				434023
10023	WOOMERA	9003	63 12 04	16 46 59.26	4 04 36	-31 10				434023
10029	V.DLORES	9011	63 12 05	4 27 39.08	9 39 12	-57 03				434023
10024	SFERNNDO	9004	63 12 05	4 56 13.96	11 21 18	8 09				434013
10030	WOOMERA	9003	63 12 05	14 29 12.41	11 00 42	-68 08				434023
10031	WOOMERA	9003	63 12 05	14 30 51.89	10 07 48	-48 55				434023

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11001	SFERNNDO	9004	63 07 01	0 34 54.17	20 28 54	9 39				434C13
10995	CURACAO	9009	63 07 01	5 49 13.32	18 27 54	44 48				434C13
10996	JUPITER	9010	63 07 01	5 50 06.33	20 07 36	24 45				434C13
11005	SHIRAZ	9008	63 07 01	21 37 40.21	19 15 30	25 54				434C13
11002	SFERNNDO	9004	63 07 02	0 13 09.43	20 16 30	7 45				434C13
11003	SFERNNDO	9004	63 07 02	2 56 15.76	18 16 12	20 58				434C13
11011	MAUI,HA	9012	63 07 02	10 43 29.13	19 35 54	31 55				434C13
11009	SHIRAZ	9008	63 07 03	0 04 34.36	18 00 18	47 30				434C13
11012	SFERNNDO	9004	63 07 03	2 35 46.94	18 25 48	23 01				434C13
11010	CURACAO	9009	63 07 03	5 05 24.51	18 20 48	38 29				434C13
11006	ORGNPASS	9001	63 07 03	7 44 51.33	18 40 24	13 30				434C13
11007	ORGNPASS	9001	63 07 03	10 34 48.78	18 04 18	41 16				434C13
11013	SHIRAZ	9008	63 07 03	23 42 20.23	17 48 06	42 55				434C13
11014	SHIRAZ	9008	63 07 04	23 20 24.94	17 40 30	40 03				434C13
11015	NAINITAL	9006	63 07 05	20 15 17.81	17 28 30	26 10				434C13
11016	NAINITAL	9006	63 07 07	19 30 22.19	17 08 00	19 11				434C13
11020	AREQUIPA	9007	63 07 08	0 00 30.35	16 03 06	-24 34				434C23
11018	SFERNNDO	9004	63 07 08	3 39 31.53	18 20 12	43 42				434C13
11022	AREQUIPA	9007	63 07 08	23 41 37.39	16 20 54	-19 06				434C13
11024	SFERNNDO	9004	63 07 09	3 17 42.50	18 08 42	41 38				434C13
11025	JUPITER	9010	63 07 09	5 38 38.85	16 55 42	19 26				434C13
11023	ORGNPASS	9001	63 07 09	8 22 50.90	17 13 24	26 09				434C13
11030	MAUI,HA	9012	63 07 09	13 52 53.89	17 14 00	67 25				434C13
11029	SHIRAZ	9008	63 07 09	21 30 23.82	17 04 42	28 20				434C13
11026	SFERNNDO	9004	63 07 10	2 56 26.67	18 06 42	41 40				434C13
11027	ORGNPASS	9001	63 07 10	8 00 42.76	17 05 12	23 55				434C13
11028	ORGNPASS	9001	63 07 10	10 57 03.82	18 39 36	59 19				434C13
11031	SHIRAZ	9008	63 07 10	21 07 57.93	16 54 54	25 16				434C13
11032	SHIRAZ	9008	63 07 11	0 05 31.64	18 31 12	65 02				434C13
11033	JUPITER	9010	63 07 11	4 53 43.42	16 38 48	13 43				434C13
11034	JUPITER	9010	63 07 11	7 51 52.71	17 20 30	53 42				434C13
11041	SHIRAZ	9008	63 07 11	20 46 17.84	16 52 18	24 23				434C13
11035	CURACAO	9009	63 07 12	1 39 22.88	16 34 00	- 2 12				434C13
11038	SFERNNDO	9004	63 07 12	2 12 18.34	17 40 48	36 40				434C13
11037	WOOMERA	9003	63 07 12	9 00 36.77	14 44 18	-19 39				434C13
11044	MAUI,HA	9012	63 07 12	9 46 30.66	16 10 18	17 43				434C13
11039	TOKYO	9005	63 07 12	15 14 28.30	17 23 54	26 56				434C13
11042	CURACAO	9009	63 07 13	1 16 43.17	16 26 42	- 5 06				434C13
11045	SFERNNDO	9004	63 07 13	1 49 37.30	17 22 36	32 49				434C13
11049	MAUI,HA	9012	63 07 13	9 23 42.72	16 00 48	14 26				434C13
11040	AREQUIPA	9007	63 07 14	0 42 14.48	15 02 54	- 1 26				434C13
11046	SFERNNDO	9004	63 07 14	1 28 22.21	17 22 00	33 06				434C13
11043	JUPITER	9010	63 07 14	3 49 57.90	16 45 48	13 50				434C13
11036	OLFSFTN	9002	63 07 14	16 24 28.74	15 52 18	1 01				434C13
11047	SHIRAZ	9008	63 07 14	19 40 28.25	16 38 42	19 55				434C13
11048	JUPITER	9010	63 07 15	3 26 44.08	16 31 24	9 37				434C13
11052	SHIRAZ	9008	63 07 15	19 19 13.46	16 40 54	20 04				434C13
11050	SFERNNDO	9004	63 07 16	0 44 58.92	17 12 06	31 25				434C13
11051	SFERNNDO	9004	63 07 16	3 39 48.58	19 14 00	54 15				434C13
11054	MAUI,HA	9012	63 07 16	8 17 10.29	15 47 30	9 02				434C13
11053	JUPITER	9010	63 07 16	8 59 02.02	20 04 54	73 36				434C13
11055	SFERNNDO	9004	63 07 17	0 21 47.42	16 52 00	27 05				434C13
11064	MAUI,HA	9012	63 07 17	7 56 45.39	15 56 42	10 54				434C13
11057	JUPITER	9010	63 07 17	8 37 16.28	19 28 48	72 00				434C13
11061	SHIRAZ	9008	63 07 17	18 34 49.06	16 28 42	16 12				434C13
11059	SFERNNDO	9004	63 07 18	0 00 34.90	16 53 06	27 30				434C13
11062	SHIRAZ	9008	63 07 18	0 26 43.49	20 28 00	65 17				434C13
11058	SFERNNDO	9004	63 07 18	2 55 16.86	18 13 30	49 29				434C13
11063	JUPITER	9010	63 07 18	8 15 01.55	18 41 36	68 47				434C13
11065	SFERNNDO	9004	63 07 18	23 39 02.87	16 51 18	27 10				434C13
11070	MAUI,HA	9012	63 07 19	7 13 15.75	15 55 30	9 05				434C13
11066	SFERNNDO	9004	63 07 19	23 16 50.96	16 43 00	25 21				434C13
11068	SHIRAZ	9008	63 07 19	23 44 06.21	20 09 12	66 39				434C13
11071	MAUI,HA	9012	63 07 20	12 48 55.50	18 10 12	74 28				434C13
11067	SFERNNDO	9004	63 07 20	22 55 40.22	16 45 24	25 46				434C13
11069	JUPITER	9010	63 07 21	4 10 00.03	15 58 30	33 09				434C13
11072	MAUI,HA	9012	63 07 21	6 30 04.29	15 56 54	7 48				434C13
11076	SHIRAZ	9008	63 07 21	20 02 09.33	16 15 30	40 14				434C13
11073	SFERNNDO	9004	63 07 22	1 28 48.77	17 39 00	48 29				434C13
11074	NAINITAL	9006	63 07 22	16 54 23.51	15 44 48	26 03				434C13
11075	NAINITAL	9006	63 07 22	22 48 14.44	21 16 00	51 42				434C13
11102	CURACAO	9009	63 07 23	0 29 18.92	15 07 30	11 18				434C13

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11077	SFERNNDO	9004	63 07 23	3 59 38.13	20 06 48	44 04				434013
11078	ORGNPASS	9001	63 07 23	6 09 51.75	16 04 36	34 11				434013
11083	MAUI,HA	9012	63 07 23	8 40 55.63	15 24 36	35 40				434013
11079	ORGNPASS	9001	63 07 23	9 08 19.26	18 29 06	58 25				434013
11084	MAUI,HA	9012	63 07 23	14 37 35.65	22 57 48	63 27				434013
11081	NAINITAL	9006	63 07 23	22 27 05.10	21 12 24	54 08				434013
11082	SFERNNDO	9004	63 07 24	3 38 46.14	20 11 30	46 10				434013
11087	MAUI,HA	9012	63 07 24	8 18 50.78	15 20 30	34 39				434013
11086	CURACAO	9009	63 07 24	9 05 52.65	1 49 30	61 06				434013
11088	MAUI,HA	9012	63 07 24	14 14 42.34	23 19 12	64 36				434013
11094	SHIRAZ	9008	63 07 24	18 56 18.34	16 01 06	37 30				434013
11089	SFERNNDO	9004	63 07 25	0 21 38.39	16 47 42	42 48				434013
11090	SFERNNDO	9004	63 07 25	3 17 00.98	19 48 24	47 41				434013
11093	JUPITER	9010	63 07 25	8 36 24.59	20 49 18	60 38				434013
11091	CURACAO	9009	63 07 25	8 43 56.57	0 58 42	66 40				434013
11105	MAUI,HA	9012	63 07 25	13 54 44.90	22 26 00	67 16				434013
11097	SFERNNDO	9004	63 07 25	23 59 54.22	16 42 00	42 31				434013
11101	SHIRAZ	9008	63 07 26	0 25 54.61	21 24 30	42 36				434013
11095	CURACAO	9009	63 07 26	8 22 45.59	0 59 06	67 37				434013
11096	ORGNPASS	9001	63 07 26	10 55 30.56	20 50 54	38 44				434013
11107	TOKYO	9005	63 07 26	13 01 05.60	16 14 12	34 55				434013
11106	MAUI,HA	9012	63 07 26	13 33 00.31	21 51 18	68 45				434013
11098	SFERNNDO	9004	63 07 26	23 35 53.61	16 10 30	37 40				434013
11104	JUPITER	9010	63 07 27	1 57 00.70	15 27 06	24 29				434013
11099	SFERNNDO	9004	63 07 27	2 33 29.82	19 08 48	49 42				434013
11112	MAUI,HA	9012	63 07 27	7 11 30.50	15 00 12	29 06				434013
11103	CURACAO	9009	63 07 27	8 01 04.40	0 27 00	70 08				434013
11108	TOKYO	9005	63 07 27	18 27 41.60	20 33 36	30 44				434013
11100	SFERNNDO	9004	63 07 27	23 14 10.30	16 06 00	37 31				434013
11110	JUPITER	9010	63 07 28	1 35 20.61	15 26 42	23 58				434013
11111	JUPITER	9010	63 07 28	7 32 00.83	20 14 12	64 07				434013
11109	CURACAO	9009	63 07 28	7 39 47.27	0 24 48	70 44				434013
11124	TOKYO	9005	63 07 28	12 17 49.90	16 10 54	34 26				434013
11117	MAUI,HA	9012	63 07 28	12 49 29.31	20 51 06	70 25				434013
11125	TOKYO	9005	63 07 28	15 13 45.90	17 40 06	52 14				434013
11126	TOKYO	9005	63 07 28	18 07 16.00	20 48 24	32 05				434013
11114	SHIRAZ	9008	63 07 28	23 20 49.42	20 16 42	51 32				434013
11115	JUPITER	9010	63 07 29	1 23 55.65	17 24 30	41 46				434013
11123	MAUI,HA	9012	63 07 29	6 27 48.63	14 57 18	27 42				434013
11116	JUPITER	9010	63 07 29	7 10 19.70	19 56 18	64 47				434013
11113	AREQUIPA	9007	63 07 29	10 13 24.47	4 02 12	38 06				434013
11136	TOKYO	9005	63 07 29	11 55 22.50	16 00 42	32 34				434013
11137	TOKYO	9005	63 07 29	17 44 56.50	20 11 12	36 38				434013
11118	SFERNNDO	9004	63 07 29	22 32 04.24	16 14 00	39 42				434013
11127	SHIRAZ	9008	63 07 29	22 59 49.85	20 22 54	53 30				434013
11119	SFERNNDO	9004	63 07 30	1 28 05.52	18 20 00	51 18				434013
11120	SFERNNDO	9004	63 07 30	4 18 39.33	20 24 36	21 52				434013
11128	JUPITER	9010	63 07 30	9 38 46.42	21 12 42	21 28				434013
11130	MAUI,HA	9012	63 07 30	12 06 29.99	20 35 48	71 33				434013
11131	MAUI,HA	9012	63 07 30	14 56 54.10	21 42 18	21 45				434013
11133	SFERNNDO	9004	63 07 30	22 09 28.73	16 00 30	37 50				434013
11138	CURACAO	9009	63 07 31	0 30 16.95	14 29 18	36 19				434013
11134	SFERNNDO	9004	63 07 31	1 04 59.19	17 39 36	49 47				434013
11135	SFERNNDO	9004	63 07 31	3 58 16.67	20 35 12	22 36				434013
11139	CURACAO	9009	63 07 31	6 34 57.61	23 23 24	73 44				434013
11132	ORGNPASS	9001	63 07 31	9 07 05.35	19 17 54	50 34				434013
11141	JUPITER	9010	63 07 31	9 18 00.90	21 17 48	23 50				434013
11140	CURACAO	9009	63 07 31	9 24 56.97	22 31 42	17 16				434013
11143	MAUI,HA	9012	63 07 31	14 35 55.56	21 43 36	25 41				434013
11142	SFERNNDO	9004	63 07 31	21 46 48.67	15 47 12	35 51				434013
11144	ORGNPASS	9001	63 08 01	5 48 36.09	16 05 42	48 55				434013
11149	JUPITER	9010	63 08 01	8 56 34.19	21 06 06	28 43				434013
11150	MAUI,HA	9012	63 08 01	14 13 55.07	21 15 42	33 26				434013
11146	SFERNNDO	9004	63 08 01	21 24 47.88	15 41 42	35 03				434013
11162	JUPITER	9010	63 08 02	2 41 59.25	15 21 54	46 32				434013
11148	SFERNNDO	9004	63 08 02	3 14 45.05	19 57 24	30 23				434013
11145	OLFSFTN	9002	63 08 02	3 37 50.55	1 53 42	44 28				434013
11151	ORGNPASS	9001	63 08 02	8 23 33.79	18 47 18	53 00				434013
11152	ORGNPASS	9001	63 08 02	11 14 42.91	20 50 36	9 23				434013
11166	MAUI,HA	9012	63 08 02	13 53 25.76	21 34 36	35 02				434013
11157	SFERNNDO	9004	63 08 02	21 03 44.29	15 46 42	35 58				434013
11158	SFERNNDO	9004	63 08 03	2 53 05.39	19 42 30	33 19				434013
11155	OLFSFTN	9002	63 08 03	3 16 56.23	1 57 30	45 58				434013
11156	OLFSFTN	9002	63 08 03	3 23 52.75	7 04 48	- 9 08				434013
11167	MAUI,HA	9012	63 08 03	7 35 49.05	14 57 24	51 09				434013
11164	JUPITER	9010	63 08 03	8 13 21.50	20 36 42	37 33				434013
11153	ORGNPASS	9001	63 08 03	10 53 18.76	20 39 12	13 22				434013
11168	MAUI,HA	9012	63 08 03	13 31 38.35	21 14 48	40 28				434013
11159	SFERNNDO	9004	63 08 03	20 49 33.65	17 34 12	46 29				434013
11160	SHIRAZ	9008	63 08 04	0 02 28.86	20 49 18	16 57				434013

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11154	ORGNPASS	9001	63 08 04	7 40 14.44	18 27 36	54 59				434013
11161	CURACAO	9009	63 08 04	7 59 38.39	22 10 24	41 18				434013
11169	ORGNPASS	9001	63 08 05	10 10 47.66	20 24 24	19 52				434013
11171	MAUI,HA	9012	63 08 06	6 29 05.27	14 40 00	48 40				434013
11170	AREQUIPA	9007	63 08 06	10 11 47.72	0 22 18	- 9 39				434013
11172	MAUI,HA	9012	63 08 06	12 26 59.60	20 45 12	50 27				434013
11173	SFERNNDO	9004	63 08 06	22 30 22.92	16 10 42	48 20				434013
11174	SHIRAZ	9008	63 08 06	22 57 18.56	20 02 30	30 44				434013
30098	SN.ANTON	8610	63 08 07	3 46 45.4	17 36 24	61 16				845014
11178	MAUI,HA	9012	63 08 07	6 11 02.54	15 27 06	55 00				434013
11176	ORGNPASS	9001	63 08 07	9 27 39.69	20 00 54	27 16				434013
11177	V.DLORES	9011	63 08 07	9 55 47.38	3 59 24	4 08				434013
11180	MAUI,HA	9012	63 08 07	12 05 38.74	20 44 06	52 34				434013
11179	MAUI,HA	9012	63 08 07	14 55 26.10	21 08 24	-10 06				434013
11181	SFERNNDO	9004	63 08 07	22 08 53.30	16 09 54	48 57				434013
11185	ORGNPASS	9001	63 08 08	3 14 43.22	15 26 24	45 56				434013
11182	SFERNNDO	9004	63 08 08	3 55 35.16	20 18 30	4 18				434013
11183	AREQUIPA	9007	63 08 08	9 29 50.66	0 41 00	5 38				434013
11184	V.DLORES	9011	63 08 08	9 34 25.10	3 22 18	14 02				434013
11186	MAUI,HA	9012	63 08 08	14 30 06.85	20 06 48	11 35				434013
11187	SFERNNDO	9004	63 08 08	21 46 27.30	15 56 00	48 09				434013
11189	ORGNPASS	9001	63 08 09	3 05 11.00	19 12 42	55 30				434013
11190	ORGNPASS	9001	63 08 09	5 49 30.86	17 03 00	56 08				434013
11188	AREQUIPA	9007	63 08 09	9 10 13.97	2 12 36	- 6 41				434013
11194	TOKYO	9005	63 08 09	10 58 21.50	18 35 54	53 56				434013
11193	SFERNNDO	9004	63 08 09	21 24 58.88	15 56 42	48 40				434013
11196	JUPITER	9010	63 08 10	2 43 16.65	15 53 24	59 18				434013
11197	JUPITER	9010	63 08 10	3 06 23.99	0 11 00	32 54				434013
11195	AREQUIPA	9007	63 08 10	8 50 27.97	3 32 48	-15 12				434013
11202	AREQUIPA	9007	63 08 11	8 30 51.97	4 40 12	-21 08				434013
11229	SHIRAZ	9008	63 08 11	18 28 39.96	22 51 48	44 51				434013
11230	SHIRAZ	9008	63 08 11	18 32 23.96	23 43 42	33 17				434013
11192	WOOMERA	9003	63 08 11	19 00 34.65	1 19 00	33 54				434013
11191	OLFSFTN	9002	63 08 12	2 54 28.53	23 24 00	16 07				434013
11204	JUPITER	9010	63 08 12	5 03 44.00	21 34 48	49 22				434013
11203	AREQUIPA	9007	63 08 12	8 10 36.34	4 56 12	-20 02				434013
11205	V.DLORES	9011	63 08 12	8 11 30.44	3 34 54	19 22				434013
11217	TOKYO	9005	63 08 12	12 41 08.40	17 45 12	54 40				434013
11199	WOOMERA	9003	63 08 12	18 41 19.15	2 32 24	26 10				434013
11200	WOOMERA	9003	63 08 12	18 45 39.06	5 54 48	- 7 15				434013
11208	SHIRAZ	9008	63 08 12	20 50 31.96	20 14 24	42 18				434013
11209	SHIRAZ	9008	63 08 12	20 53 42.96	21 31 24	33 38				434013
11198	OLFSFTN	9002	63 08 13	2 34 59.08	0 21 36	9 20				434013
11206	ORGNPASS	9001	63 08 13	4 20 31.24	16 09 12	55 41				434013
11212	JUPITER	9010	63 08 13	4 40 08.00	20 36 00	54 39				434013
11210	CURACAO	9009	63 08 13	4 40 16.00	18 35 36	64 47				434013
11211	CURACAO	9009	63 08 13	4 43 52.00	20 20 54	64 16				434013
11213	JUPITER	9010	63 08 13	4 43 59.99	22 14 06	45 00				434013
30099	KANCITY	0036	63 08 13	7 26 45.57	21 05 48	7 07				845013
11218	SHIRAZ	9008	63 08 13	17 49 36.01	23 21 36	33 56				434013
11219	SHIRAZ	9008	63 08 13	20 30 55.96	20 56 42	39 47				434013
11220	SHIRAZ	9008	63 08 13	20 33 51.95	22 04 18	29 54				434013
11207	OLFSFTN	9002	63 08 14	2 15 54.55	2 18 36	- 7 20				434013
11221	JUPITER	9010	63 08 14	4 19 43.99	21 03 54	53 08				434013
11222	JUPITER	9010	63 08 14	4 22 55.99	22 18 24	44 25				434013
11215	AREQUIPA	9007	63 08 14	10 11 33.13	21 41 36	-56 43				434023
11231	SHIRAZ	9008	63 08 14	17 13 59.96	18 59 06	61 45				434013
11232	SHIRAZ	9008	63 08 14	17 20 39.96	21 27 42	52 33				434013
11233	SHIRAZ	9008	63 08 14	17 24 39.96	22 29 06	43 17				434013
11234	SHIRAZ	9008	63 08 14	17 28 55.96	23 17 54	32 07				434013
11235	SHIRAZ	9008	63 08 14	20 13 43.96	22 27 30	26 42				434013
11225	SFERNNDO	9004	63 08 14	22 28 52.54	16 35 54	49 54				434013
11223	SFERNNDO	9004	63 08 14	22 48 39.97	23 00 42	20 26				434013
11224	SFERNNDO	9004	63 08 14	22 52 07.97	23 44 48	8 51				434013
11236	SHIRAZ	9008	63 08 14	22 52 23.96	19 13 42	15 35				434013
11216	OLFSFTN	9002	63 08 15	1 56 33.85	4 09 48	-19 00				434013
11238	MAUI,HA	9012	63 08 15	6 09 27.67	15 12 54	63 30				434013
11239	MAUI,HA	9012	63 08 15	6 29 12.99	22 21 18	51 58				434013
11240	MAUI,HA	9012	63 08 15	9 18 16.00	22 30 12	50 26				434013
11226	AREQUIPA	9007	63 08 15	9 51 21.16	21 53 24	-65 29				434023
11228	NAINITAL	9006	63 08 15	14 24 12.60	22 26 06	38 36				434013
11241	SHIRAZ	9008	63 08 15	19 38 22.73	17 24 12	51 32				434013
11242	SHIRAZ	9008	63 08 15	19 51 07.96	21 59 54	33 05				434013
11243	SHIRAZ	9008	63 08 15	22 28 07.71	18 32 18	23 08				434013
11227	OLFSFTN	9002	63 08 16	1 36 44.03	5 01 00	-21 08				434013
11277	MAUI,HA	9012	63 08 16	5 57 37.91	19 17 54	66 32				434013
11244	ORGNPASS	9001	63 08 16	6 07 19.23	17 01 18	48 31				434013
11245	ORGNPASS	9001	63 08 16	8 58 08.34	18 28 54	21 37				434013
11278	MAUI,HA	9012	63 08 16	8 58 16.00	22 52 42	45 50				434013
11259	SHIRAZ	9008	63 08 16	16 30 39.95	18 57 06	60 47				434013

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11260	SHIRAZ	9008	63 08 16	16 35 43.95	20 42 42	54 36				434013
11261	SHIRAZ	9008	63 08 16	16 40 23.95	21 53 42	45 32				434013
11262	SHIRAZ	9008	63 08 16	19 28 55.96	21 41 30	36 57				434013
11250	WOOMERA	9003	63 08 16	20 01 25.91	22 46 18	- 8 27				434013
11255	SFERNNDO	9004	63 08 16	21 46 43.07	16 49 30	52 07				434013
11253	SFERNNDO	9004	63 08 16	22 06 07.97	22 46 54	21 56				434013
11263	SHIRAZ	9008	63 08 16	22 06 47.96	18 25 12	24 56				434013
11254	SFERNNDO	9004	63 08 16	22 09 35.97	23 26 30	11 32				434013
11264	SHIRAZ	9008	63 08 16	22 10 31.96	19 09 54	18 09				434013
11272	JUPITER	9010	63 08 17	3 16 16.00	21 21 30	51 19				434013
11273	JUPITER	9010	63 08 17	3 20 48.00	22 40 42	38 26				434013
11279	MAUI,HA	9012	63 08 17	8 38 24.00	23 10 54	40 44				434013
11258	AREQUIPA	9007	63 08 17	9 11 19.09	2 51 00	-83 34				434023
11274	V.DLORES	9011	63 08 17	9 13 36.96	4 03 30	-56 35				434023
11265	SHIRAZ	9008	63 08 17	16 15 19.96	20 55 48	51 50				434013
11266	SHIRAZ	9008	63 08 17	19 08 39.96	22 00 12	34 06				434013
11251	WOOMERA	9003	63 08 17	19 41 38.94	23 15 54	-17 07				434013
11257	SFERNNDO	9004	63 08 17	21 23 25.85	16 17 36	51 49				434013
11256	SFERNNDO	9004	63 08 17	21 45 51.98	22 51 18	19 35				434013
11267	CURACAO	9009	63 08 18	2 53 52.00	19 27 12	68 20				434013
11268	CURACAO	9009	63 08 18	2 58 40.00	21 36 18	62 02				434013
11246	OLFSFTN	9002	63 08 18	3 35 38.12	21 46 00	-30 29				434023
11247	OLFSFTN	9002	63 08 18	3 41 03.54	10 57 24	-75 36				434023
11276	V.DLORES	9011	63 08 18	8 50 56.97	0 39 12	-25 32				434023
11275	V.DLORES	9011	63 08 18	8 53 06.67	4 47 00	-51 31				434023
11269	SHIRAZ	9008	63 08 18	18 45 19.96	21 22 54	40 42				434013
11270	SHIRAZ	9008	63 08 18	18 50 47.96	22 51 12	22 36				434013
11252	WOOMERA	9003	63 08 18	19 22 10.34	0 35 42	-34 36				434023
11280	SFERNNDO	9004	63 08 18	21 23 43.98	22 34 12	22 28				434013
11271	SHIRAZ	9008	63 08 18	21 24 23.96	18 15 54	28 11				434013
11281	CURACAO	9009	63 08 19	2 37 44.00	21 48 30	60 30				434013
11248	OLFSFTN	9002	63 08 19	3 16 00.77	21 50 30	-44 12				434023
11249	OLFSFTN	9002	63 08 19	3 20 20.08	10 16 00	-73 24				434023
11283	ORGNPASS	9001	63 08 19	5 01 05.73	16 25 36	51 25				434013
11284	ORGNPASS	9001	63 08 19	5 21 12.36	22 36 48	19 51				434013
11282	CURACAO	9009	63 08 19	5 21 36.00	18 43 24	43 13				434013
11288	MAUI,HA	9012	63 08 19	7 56 00.00	23 01 36	39 26				434013
11285	WOOMERA	9003	63 08 19	19 02 34.86	3 00 06	-47 21				434023
11290	SHIRAZ	9008	63 08 19	21 03 19.96	18 14 06	29 35				434013
11286	OLFSFTN	9002	63 08 20	2 55 42.57	22 00 42	-51 23				434023
11289	ORGNPASS	9001	63 08 20	4 39 07.66	16 16 30	52 16				434013
11292	MAUI,HA	9012	63 08 20	7 38 40.00	23 36 18	27 12				434013
11287	V.DLORES	9011	63 08 20	8 12 32.82	6 03 06	-40 30				434023
11294	SFERNNDO	9004	63 08 20	20 27 20.45	19 08 18	50 50				434013
11297	SFERNNDO	9004	63 08 20	20 42 23.97	22 31 06	19 59				434013
11293	CURACAO	9009	63 08 21	1 59 52.00	22 59 48	46 35				434013
11298	SFERNNDO	9004	63 08 21	2 00 31.97	18 25 42	13 21				434013
11299	MAUI,HA	9012	63 08 21	7 11 04.00	22 22 00	44 48				434013
11300	MAUI,HA	9012	63 08 21	7 17 28.00	23 27 42	27 07				434013
11301	MAUI,HA	9012	63 08 21	9 45 53.41	17 17 06	48 36				434013
11296	WOOMERA	9003	63 08 21	18 22 57.03	6 02 06	-40 23				434023
11302	SFERNNDO	9004	63 08 21	20 20 47.97	22 20 00	20 58				434013
11314	SHIRAZ	9008	63 08 21	20 21 51.96	18 22 54	31 26				434013
11315	SHIRAZ	9008	63 08 21	20 27 27.96	19 43 42	19 48				434013
11305	CURACAO	9009	63 08 22	1 39 36.00	23 05 36	43 00				434013
11303	SFERNNDO	9004	63 08 22	1 42 55.97	18 54 48	7 32				434013
11306	CURACAO	9009	63 08 22	1 42 56.00	23 38 42	33 28				434013
11295	OLFSFTN	9002	63 08 22	2 16 27.32	4 38 42	-80 27				434023
11308	CURACAO	9009	63 08 22	4 20 16.00	19 27 18	45 48				434013
11323	MAUI,HA	9012	63 08 22	6 52 40.00	22 46 48	36 30				434013
11324	MAUI,HA	9012	63 08 22	6 56 40.00	23 22 36	25 51				434013
11325	MAUI,HA	9012	63 08 22	9 23 29.94	17 00 24	50 15				434013
11310	NAINITAL	9006	63 08 22	14 28 42.55	18 35 36	59 24				434013
11335	TOKYO	9005	63 08 22	14 44 16.00	18 03 00	24 50				434013
11311	NAINITAL	9006	63 08 22	14 44 31.95	22 24 54	28 51				434013
11312	NAINITAL	9006	63 08 22	14 48 47.97	23 01 36	18 24				434013
11336	TOKYO	9005	63 08 22	14 49 36.00	19 07 48	14 55				434013
11313	NAINITAL	9006	63 08 22	20 07 43.95	18 38 48	11 49				434013
11318	CURACAO	9009	63 08 23	1 08 59.98	20 55 00	63 13				434013
11319	CURACAO	9009	63 08 23	1 17 55.98	22 54 42	43 15				434013
11316	SFERNNDO	9004	63 08 23	1 18 39.98	18 19 18	14 50				434013
11320	CURACAO	9009	63 08 23	1 22 35.98	23 37 56	30 36				434013
11317	SFERNNDO	9004	63 08 23	1 23 11.98	19 05 00	5 20				434013
11309	OLFSFTN	9002	63 08 23	1 56 20.64	6 44 00	-71 40				434023
11321	CURACAO	9009	63 08 23	3 53 27.98	17 57 48	51 59				434013
11322	CURACAO	9009	63 08 23	3 57 35.98	19 06 48	48 58				434013
11345	JUPITER	9010	63 08 23	4 01 07.04	21 33 42	20 27				434013
11346	MAUI,HA	9012	63 08 23	6 12 18.92	17 17 06	67 33				434013
11347	MAUI,HA	9012	63 08 23	6 34 32.00	23 06 06	28 04				434013
11348	MAUI,HA	9012	63 08 23	9 01 15.26	16 46 18	51 44				434013
11331	WOOMERA	9003	63 08 23	20 27 00.00	10 57 24	-65 49				434023
11341	CURACAO	9009	63 08 24	0 56 24.00	22 45 30	43 04				434013
11333	SFERNNDO	9004	63 08 24	0 56 31.97	18 05 18	17 31				434013
11334	SFERNNDO	9004	63 08 24	1 02 07.97	19 02 48	6 20				434013

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11326	ORGNPASS	9001	63 08 24	3 12 04.31	16 00 24	55 34				434013
11327	ORGNPASS	9001	63 08 24	3 30 32.00	21 23 12	33 36				434013
11342	CURACAO	9009	63 08 24	3 32 00.00	17 57 12	53 32				434013
11328	ORGNPASS	9001	63 08 24	3 34 33.00	22 07 42	23 13				434013
11329	ORGNPASS	9001	63 08 24	3 37 12.99	22 33 48	16 05				434013
11343	CURACAO	9009	63 08 24	3 37 36.00	19 34 54	48 35				434013
11330	ORGNPASS	9001	63 08 24	6 07 12.00	17 47 18	34 45				434013
11349	MAUI,HA	9012	63 08 24	8 38 47.86	16 29 24	53 04				434013
11338	SHIRAZ	9008	63 08 24	16 24 02.61	17 23 12	59 06				434013
11339	SHIRAZ	9008	63 08 24	19 24 39.96	20 02 24	21 49				434013
11340	SHIRAZ	9008	63 08 24	19 27 11.96	20 41 12	13 40				434013
11344	CURACAO	9009	63 08 25	3 08 16.19	17 20 48	55 36				434013
11350	MAUI,HA	9012	63 08 25	8 20 27.39	17 19 18	54 20				434013
11337	NAINITAL	9006	63 08 25	16 09 10.60	16 48 18	50 10				434013
11332	WOOMERA	9003	63 08 25	19 40 53.44	21 28 54	-49 36				434023
11353	ORGNPASS	9001	63 08 26	2 44 45.33	20 39 54	39 56				434013
11351	CURACAO	9009	63 08 26	2 46 45.44	17 20 30	56 58				434013
11356	MAUI,HA	9012	63 08 26	7 57 37.42	16 57 18	55 50				434013
11357	CURACAO	9009	63 08 27	2 26 32.02	17 43 54	57 54				434013
11354	OLFSFTN	9002	63 08 27	3 16 30.04	19 27 56	-70 18				434023
11359	MAUI,HA	9012	63 08 27	7 35 41.41	16 51 00	57 03				434013
11358	WOOMERA	9003	63 08 27	19 01 03.90	22 23 36	-78 30				434023
11363	SFERNNDO	9004	63 08 27	20 39 35.86	17 00 18	47 50				434013
11360	V.DLORES	9011	63 08 28	8 10 52.55	7 51 30	-71 09				434023
11362	WOOMERA	9003	63 08 28	18 41 39.74	7 55 00	-76 27				434023
11361	OLFSFTN	9002	63 08 29	2 35 03.24	18 58 00	-74 23				434023
11366	MAUI,HA	9012	63 08 29	6 52 43.86	16 58 24	59 10				434013
11367	SHIRAZ	9008	63 08 29	17 24 55.34	16 54 18	47 32				434013
11365	WOOMERA	9003	63 08 29	18 21 13.58	7 46 06	-69 40				434023
11372	SFERNNDO	9004	63 08 29	20 08 15.34	19 57 30	32 25				434013
11364	OLFSFTN	9002	63 08 30	2 14 51.95	17 02 42	-80 59				434023
11373	SFERNNDO	9004	63 08 30	19 58 00.74	21 43 36	7 16				434013
11377	MAUI,HA	9012	63 08 31	6 10 56.85	17 33 18	59 58				434013
11375	JUPITER	9010	63 09 01	0 45 37.57	20 42 00	33 40				434013
11370	V.DLORES	9011	63 09 01	9 32 02.66	14 52 00	-82 52				434023
11368	WOOMERA	9003	63 09 01	20 00 17.14	20 46 06	-54 41				434023
11369	WOOMERA	9003	63 09 01	20 05 12.82	10 53 06	-59 26				434023
11376	V.DLORES	9011	63 09 02	9 10 52.44	17 02 30	-82 49				434023
11371	WOOMERA	9003	63 09 02	19 44 30.66	10 39 00	-57 48				434023
11378	V.DLORES	9011	63 09 04	8 29 49.06	11 39 42	-80 46				434023
11379	WOOMERA	9003	63 09 04	18 58 58.99	19 54 00	-69 52				434023
11380	WOOMERA	9003	63 09 04	19 02 33.42	10 14 30	-60 50				434023
11381	WOOMERA	9003	63 09 05	18 39 23.32	16 07 00	-84 08				434023
11384	MAUI,HA	9012	63 09 06	6 51 51.50	17 08 30	43 33				434013
11382	WOOMERA	9003	63 09 06	18 18 49.87	12 39 42	-84 41				434023
11383	WOOMERA	9003	63 09 08	17 39 13.17	8 54 36	-60 24				434023
11387	MAUI,HA	9012	63 09 09	5 48 32.32	17 31 48	45 04				434013
11385	WOOMERA	9003	63 09 09	19 59 11.03	21 11 48	-58 04				434023
11386	JUPITER	9010	63 09 10	0 29 44.40	20 55 18	- 1 12				434013
11388	CURACAO	9009	63 09 10	23 56 31.88	18 12 30	44 26				434013
11391	SHIRAZ	9008	63 09 11	15 49 11.24	19 18 18	9 55				434013
11390	WOOMERA	9003	63 09 11	19 23 39.02	9 42 00	-36 54				434023
11389	OLFSFTN	9002	63 09 12	3 19 36.49	10 10 54	-34 29				434023
11393	SHIRAZ	9008	63 09 12	15 36 53.18	20 38 24	-10 53				434013
11392	WOOMERA	9003	63 09 12	18 57 17.41	20 18 24	-67 07				434023
11394	CURACAO	9009	63 09 13	2 19 13.13	19 41 24	-28 18				434023
11395	WOOMERA	9003	63 09 13	18 37 11.40	19 39 30	-76 34				434023
11397	CURACAO	9009	63 09 14	2 00 34.34	20 18 42	-36 22				434023
11398	V.DLORES	9011	63 09 14	7 45 23.10	19 36 12	-79 10				434023
11399	V.DLORES	9011	63 09 14	7 49 37.82	9 11 06	-42 39				434023
11400	V.DLORES	9011	63 09 15	7 25 41.19	10 06 00	-83 10				434023
11401	V.DLORES	9011	63 09 15	7 28 41.05	8 59 48	-44 28				434023
11396	WOOMERA	9003	63 09 15	17 56 32.78	12 04 00	-85 23				434023
11403	WOOMERA	9003	63 09 16	11 53 18.14	20 55 06	14 27				434013
11404	WOOMERA	9003	63 09 16	17 36 54.56	9 04 00	-70 01				434023
11406	V.DLORES	9011	63 09 17	1 03 06.26	21 27 06	11 19				434013
11405	AREQUIPA	9007	63 09 17	1 03 42.18	22 30 12	-13 19				434013
11407	WOOMERA	9003	63 09 17	11 34 35.01	21 31 24	8 12				434013
11408	WOOMERA	9003	63 09 17	17 17 02.68	8 38 12	-57 54				434023
11409	OLFSFTN	9002	63 09 17	19 28 30.70	20 40 30	- 1 51				434013

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11411	V.DLORES	9011	63 09 18	0 43 17.80	21 46 00	7 57				434013
11410	AREQUIPA	9007	63 09 18	3 22 51.81	18 49 54	-19 31				434013
11412	WOOMERA	9003	63 09 18	11 15 44.62	22 07 36	1 55				434013
11413	OLFSFTN	9002	63 09 18	19 09 15.64	21 15 48	- 7 54				434013
11414	AREQUIPA	9007	63 09 19	0 25 16.74	23 26 30	-20 55				434013
11415	AREQUIPA	9007	63 09 19	3 03 34.08	19 10 30	-27 00				434023
11416	V.DLORES	9011	63 09 19	8 47 47.28	3 24 24	-68 01				434023
11417	WOOMERA	9003	63 09 19	10 56 41.76	22 39 54	- 3 28				434013
11418	WOOMERA	9003	63 09 19	13 54 29.84	19 07 30	- 3 16				434013
11422	OLFSFTN	9002	63 09 19	18 50 19.52	22 01 30	-24 57				434013
11423	V.DLORES	9011	63 09 20	8 27 04.87	4 08 12	-70 40				434023
11424	OLFSFTN	9002	63 09 20	18 31 55.33	23 01 18	-22 20				434013
11430	CURACAO	9009	63 09 20	23 27 16.65	19 45 42	-12 43				434013
11426	WOOMERA	9003	63 09 21	10 19 16.41	23 50 24	-13 18				434013
11427	WOOMERA	9003	63 09 21	18 34 46.05	21 41 12	-59 38				434023
11425	OLFSFTN	9002	63 09 21	20 50 53.84	19 03 18	-26 58				434023
11429	WOOMERA	9003	63 09 22	18 15 17.45	23 04 18	-74 55				434023
11433	AREQUIPA	9007	63 09 23	1 31 36.34	18 16 06	0 33				434013
11431	WOOMERA	9003	63 09 23	12 19 24.50	22 08 30	-37 22				434023
11432	WOOMERA	9003	63 09 23	17 55 37.34	5 08 00	-77 32				434023
11434	OLFSFTN	9002	63 09 23	20 13 33.54	20 37 24	-51 58				434023
11435	OLFSFTN	9002	63 09 24	1 48 50.23	21 31 24	-65 38				434023
11436	AREQUIPA	9007	63 09 24	9 48 11.28	1 01 06	-65 32				434023
11437	WOOMERA	9003	63 09 24	12 00 40.57	23 37 24	-42 16				434023
11438	WOOMERA	9003	63 09 24	17 35 35.76	6 55 48	-65 24				434023
11439	OLFSFTN	9002	63 09 24	19 54 18.63	22 03 12	-59 30				434023
11440	OLFSFTN	9002	63 09 25	1 29 17.50	22 46 12	-79 55				434023
11442	WOOMERA	9003	63 09 25	11 41 57.99	0 59 06	-42 01				434023
11443	WOOMERA	9003	63 09 25	14 19 15.94	18 54 54	-35 11				434023
11441	OLFSFTN	9002	63 09 25	19 35 28.63	0 18 18	-61 46				434023
11444	AREQUIPA	9007	63 09 26	9 08 38.33	6 45 06	-62 59				434023
11448	WOOMERA	9003	63 09 26	14 00 13.24	19 15 06	-45 35				434023
11445	OLFSFTN	9002	63 09 26	19 16 30.48	1 54 36	-57 00				434023
11446	OLFSFTN	9002	63 09 27	0 50 03.73	7 49 24	-60 04				434023
11447	OLFSFTN	9002	63 09 27	0 52 48.95	8 20 30	-23 28				434023
11449	AREQUIPA	9007	63 09 27	8 48 45.86	7 58 54	-47 55				434023
11452	OLFSFTN	9002	63 09 27	18 55 23.41	1 32 42	-54 50				434023
11453	OLFSFTN	9002	63 09 28	0 30 55.41	8 04 54	-37 08				434023
11450	V.DLORES	9011	63 09 29	8 06 44.89	4 38 30	5 50				434013
11451	AREQUIPA	9007	63 09 29	8 07 20.56	8 17 48	-46 22				434023
11455	WOOMERA	9003	63 09 29	13 03 02.08	1 08 12	-70 19				434023
11456	WOOMERA	9003	63 09 29	18 35 59.00	2 04 42	-21 17				434013
11454	OLFSFTN	9002	63 09 30	2 29 57.50	0 18 18	-24 24				434023
11457	AREQUIPA	9007	63 09 30	7 46 51.33	8 23 30	-42 15				434023
11458	WOOMERA	9003	63 09 30	12 43 36.24	2 48 54	-62 47				434023
11459	WOOMERA	9003	63 09 30	18 16 53.48	4 31 24	- 3 23				434013
11462	AREQUIPA	9007	63 10 01	7 26 26.44	8 23 54	-37 52				434023
11461	WOOMERA	9003	63 10 01	17 57 53.78	6 13 12	12 21				434013
11463	OLFSFTN	9002	63 10 02	1 51 20.02	3 34 30	- 5 23				434013
11464	OLFSFTN	9002	63 10 03	1 31 54.44	5 23 42	9 29				434013
11466	AREQUIPA	9007	63 10 03	9 28 53.85	3 03 54	18 38				434013
11470	AREQUIPA	9007	63 10 04	9 08 48.24	3 57 48	25 13				434013
11467	WOOMERA	9003	63 10 04	14 03 16.70	22 06 00	-78 51				434023
11471	AREQUIPA	9007	63 10 05	8 49 35.30	5 54 36	38 12				434013
11468	WOOMERA	9003	63 10 05	13 42 51.42	0 08 00	-79 18				434023
11469	WOOMERA	9003	63 10 06	13 23 34.73	3 33 18	-70 19				434023
11474	OLFSØTN	9002	63 10 06	21 16 46.56	20 43 00	-83 43				434023
11476	WOOMERA	9003	63 10 08	9 48 42.90	21 01 42	-45 07				434023
11477	WOOMERA	9003	63 10 08	12 43 54.69	4 22 48	-53 07				434023
11478	WOOMERA	9003	63 10 09	12 23 31.20	4 17 12	-49 14				434023
11479	WOOMERA	9003	63 10 09	15 01 39.84	19 56 00	-54 18				434023
11480	MAUI,HA	9012	63 10 09	15 28 24.28	4 33 36	-22 34				434013
11482	NAINITAL	9006	63 10 09	23 26 00.50	8 56 42	- 1 15				434013
11481	WOOMERA	9003	63 10 10	14 41 25.80	20 11 00	-59 14				434023
11484	MAUI,HA	9012	63 10 10	15 10 50.00	7 48 18	14 22				434013
11483	NAINITAL	9006	63 10 10	23 04 55.95	8 47 06	- 6 46				434013
11493	CURACAO	9009	63 10 11	9 33 56.97	4 37 00	42 10				434013
11485	ORGNPASS	9001	63 10 11	12 12 56.12	5 49 54	-23 26				434023
11496	MAUI,HA	9012	63 10 11	14 49 54.39	7 51 36	7 16				434013
11487	OLFSFTN	9002	63 10 11	22 15 25.71	19 45 00	-58 14				434023

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11490	NAINITAL	9006	63 10 11	22 43 56.57	8 39 24	-11 13				434013
11492	SHIRAZ	9008	63 10 12	1 24 09.17	8 23 42	10 11				434013
11494	CURACAO	9009	63 10 12	9 14 01.31	6 07 42	50 22				434013
11488	WOOMERA	9003	63 10 12	14 01 45.72	22 38 36	-71 09				434023
11497	MAUI,HA	9012	63 10 12	14 29 50.28	8 33 06	10 27				434013
11510	TOKYO	9005	63 10 12	19 47 57.90	6 46 00	-12 03				434013
11491	NAINITAL	9006	63 10 12	22 22 55.57	8 30 00	-15 33				434013
11495	CURACAO	9009	63 10 13	8 53 34.37	7 01 48	49 10				434013
11486	ORGNPASS	9001	63 10 13	11 34 43.53	8 33 42	1 11				434013
11489	WOOMERA	9003	63 10 13	13 41 17.34	23 47 00	-71 54				434023
11498	MAUI,HA	9012	63 10 13	14 08 43.91	8 22 06	2 21				434013
11500	OLFSFTN	9002	63 10 13	21 35 22.76	20 44 00	-69 58				434023
11504	SHIRAZ	9008	63 10 14	0 42 42.38	8 36 18	3 26				434013
11499	ORGNPASS	9001	63 10 14	11 13 41.13	8 24 06	- 4 23				434013
11502	WOOMERA	9003	63 10 14	13 21 29.74	1 53 54	-67 38				434023
11505	MAUI,HA	9012	63 10 14	13 48 37.51	8 47 24	5 07				434013
11501	OLFSFTN	9002	63 10 14	21 15 18.28	22 03 30	-74 52				434023
11507	V.DLORES	9011	63 10 14	23 35 57.04	19 56 06	-57 26				434023
11508	ORGNPASS	9001	63 10 15	10 53 02.22	8 28 30	- 6 10				434013
11509	WOOMERA	9003	63 10 15	13 01 36.35	2 59 00	-59 56				434023
11512	MAUI,HA	9012	63 10 15	13 28 12.68	8 55 12	4 36				434013
11511	OLFSFTN	9002	63 10 15	20 54 53.15	23 30 42	-76 22				434023
11513	ORGNPASS	9001	63 10 16	10 32 32.69	8 36 06	- 6 23				434013
11515	WOOMERA	9003	63 10 16	12 41 38.77	3 29 00	-52 03				434023
11514	OLFSFTN	9002	63 10 16	20 34 51.98	1 43 00	-73 43				434023
11516	SFERNNDO	9004	63 10 17	5 00 46.44	8 40 48	16 52				434013
11517	WOOMERA	9003	63 10 17	12 21 53.33	3 48 30	-43 25				434023
11518	WOOMERA	9003	63 10 17	14 59 38.33	20 41 36	-40 07				434023
11520	OLFSFTN	9002	63 10 17	20 15 07.11	3 10 48	-65 32				434023
11519	NAINITAL	9006	63 10 17	23 25 09.45	8 50 54	48 25				434013
11528	SFERNNDO	9004	63 10 18	4 40 16.97	8 55 42	15 08				434013
11525	WOOMERA	9003	63 10 18	12 01 26.98	3 46 42	-40 07				434023
11526	WOOMERA	9003	63 10 18	14 39 29.43	20 56 18	-43 04				434023
11522	OLFSFTN	9002	63 10 18	17 03 54.94	23 48 06	-68 42				434023
11523	OLFSFTN	9002	63 10 18	19 54 16.11	3 11 00	-63 44				434023
11529	NAINITAL	9006	63 10 18	23 04 03.00	8 35 42	43 00				434013
11532	SHIRAZ	9008	63 10 19	1 40 07.11	3 06 30	18 28				434013
11534	JUPITER	9010	63 10 19	9 34 05.30	7 47 12	47 35				434013
11524	OLFSFTN	9002	63 10 19	19 35 36.78	4 04 12	-47 04				434023
11530	NAINITAL	9006	63 10 19	22 43 59.33	9 27 18	40 18				434013
11533	SHIRAZ	9008	63 10 20	1 23 26.36	8 09 54	62 37				434013
11538	JUPITER	9010	63 10 20	9 14 35.15	9 31 18	45 55				434013
11536	ORGNPASS	9001	63 10 20	11 55 22.80	9 29 42	54 23				434013
11537	NAINITAL	9006	63 10 20	22 23 41.18	9 49 24	36 40				434013
11539	V.DLORES	9011	63 10 21	3 02 13.47	19 25 36	-45 29				434023
11541	ORGNPASS	9001	63 10 21	11 34 27.71	9 26 12	50 42				434013
11540	WOOMERA	9003	63 10 21	13 37 42.40	21 29 12	-51 32				434023
11542	SHIRAZ	9008	63 10 22	0 42 25.82	9 31 12	55 23				434013
11544	V.DLORES	9011	63 10 22	2 41 38.57	19 29 06	-48 06				434023
11543	CURACAO	9009	63 10 22	8 32 30.77	3 35 00	83 10				434013
11545	WOOMERA	9003	63 10 22	13 19 24.16	23 52 18	-49 51				434023
11547	TOKYO	9005	63 10 22	19 08 16.80	9 33 24	45 16				434013
11549	NAINITAL	9006	63 10 22	21 42 27.97	9 49 18	29 13				434013
11546	SFERNNDO	9004	63 10 23	5 39 04.68	5 03 48	46 06				434013
11551	WOOMERA	9003	63 10 23	12 59 32.82	0 58 00	-45 36				434023
11552	TOKYO	9005	63 10 23	18 48 15.10	10 16 48	41 08				434013
11550	OLFSFTN	9002	63 10 23	20 52 58.12	22 24 42	-53 33				434023
11555	SFERNNDO	9004	63 10 24	5 21 24.09	10 20 00	55 48				434013
11554	WOOMERA	9003	63 10 24	12 38 55.89	1 18 30	-44 19				434023
11553	OLFSFTN	9002	63 10 24	20 32 58.01	23 25 06	-54 02				434023
11556	SFERNNDO	9004	63 10 25	5 00 31.14	10 17 00	53 11				434013
11557	ORGNPASS	9001	63 10 25	10 12 27.78	10 12 06	34 41				434013
11558	OLFSFTN	9002	63 10 25	20 13 02.82	0 33 12	-51 22				434023
11561	NAINITAL	9006	63 10 25	23 24 17.75	10 29 00	77 43				434013
11562	JUPITER	9010	63 10 26	9 54 48.84	10 45 00	82 10				434013
11560	WOOMERA	9003	63 10 26	11 59 19.00	2 32 48	-29 40				434023
11563	MAUI,HA	9012	63 10 26	15 08 36.66	0 33 24	73 10				434013
11559	OLFSFTN	9002	63 10 26	19 52 22.98	0 57 00	-50 33				434023
11566	WOOMERA	9003	63 10 27	11 39 07.11	2 44 12	-25 35				434023
11564	ORGNPASS	9001	63 10 27	12 15 49.50	12 02 12	70 06				434013
11570	MAUI,HA	9012	63 10 27	14 48 20.79	23 59 12	79 56				434013
11565	OLFSFTN	9002	63 10 27	19 32 37.04	1 51 54	-43 13				434023
11568	ORGNPASS	9001	63 10 28	11 54 56.84	12 02 12	68 22				434013
11569	NAINITAL	9006	63 10 28	22 23 05.96	11 48 12	60 34				434013
11571	SHIRAZ	9008	63 10 29	1 02 27.66	12 11 36	75 52				434013

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11573	NAINITAL	9006	63 10 29	22 02 09.44	11 32 06	58 45				434013
11572	SHIRAZ	9008	63 10 30	0 41 41.85	12 11 36	73 08				434013
11574	ORGNPASS	9001	63 10 30	11 13 08.49	11 49 42	65 04				434013
11576	WOOMERA	9003	63 10 31	10 08 01.25	23 11 00	-58 59				434023
11575	ORGNPASS	9001	63 10 31	10 52 31.78	11 50 30	61 06				434013
11577	WOOMERA	9003	63 10 31	12 56 53.49	22 55 36	-18 25				434013
11583	TOKYO	9005	63 10 31	18 47 04.60	11 40 06	56 33				434013
11579	NAINITAL	9006	63 11 01	0 01 36.78	1 31 12	62 02				434013
11578	SFERNNDO	9004	63 11 01	5 20 42.67	12 00 12	59 20				434013
11581	WOOMERA	9003	63 11 01	12 37 26.77	23 47 30	-12 02				434013
11582	WOOMERA	9003	63 11 02	12 17 18.06	0 16 48	- 9 29				434013
11580	OLFSFTN	9002	63 11 02	20 11 06.87	22 47 00	-17 10				434013
11588	JUPITER	9010	63 11 03	9 53 51.61	15 07 00	81 44				434013
11586	WOOMERA	9003	63 11 03	11 57 44.68	0 59 36	- 2 49				434013
11584	ORGNPASS	9001	63 11 03	12 30 17.46	1 52 54	52 28				434013
11585	OLFSFTN	9002	63 11 03	19 50 49.28	23 12 30	-16 12				434013
11587	NAINITAL	9006	63 11 03	23 03 20.31	13 31 24	69 56				434013
11589	OLFSFTN	9002	63 11 04	19 31 24.81	0 06 30	- 8 29				434013
11591	NAINITAL	9006	63 11 04	22 42 11.49	13 27 48	71 03				434013
11590	ORGNPASS	9001	63 11 05	11 54 10.72	12 57 18	63 32				434013
11592	OLFSFTN	9002	63 11 05	19 11 19.15	0 37 18	- 5 12				434013
11593	NAINITAL	9006	63 11 05	22 21 43.68	13 16 24	66 08				434013
11595	WOOMERA	9003	63 11 06	13 35 29.48	21 42 30	4 55				434013
11594	OLFSFTN	9002	63 11 06	18 51 19.38	1 06 48	- 1 21				434013
11596	WOOMERA	9003	63 11 07	13 15 35.66	21 56 36	8 09				434013
11597	SFERNNDO	9004	63 11 08	5 40 49.97	12 04 00	48 19				434013
11599	SHIRAZ	9008	63 11 08	23 59 34.12	13 19 12	63 42				434013
11598	NAINITAL	9006	63 11 09	0 03 50.17	11 52 12	78 35				434013
11603	SHIRAZ	9008	63 11 09	23 38 37.13	13 11 18	63 21				434013
11602	NAINITAL	9006	63 11 09	23 45 12.32	13 08 18	56 27				434013
11600	ORGNPASS	9001	63 11 10	10 10 46.91	12 41 06	50 10				434013
11606	WOOMERA	9003	63 11 10	12 16 34.02	23 10 24	23 17				434013
11608	SHIRAZ	9008	63 11 10	23 18 20.32	12 56 48	57 32				434013
11607	NAINITAL	9006	63 11 10	23 23 44.65	13 09 06	60 34				434013
11604	ORGNPASS	9001	63 11 11	9 50 20.07	12 33 00	46 25				434013
11605	ORGNPASS	9001	63 11 11	12 32 28.73	8 23 18	73 52				434013
11610	MAUI,HA	9012	63 11 11	15 11 21.36	14 08 12	63 40				434013
10609	NAINITAL	9006	63 11 11	23 03 19.43	13 13 00	55 37				434013
11611	AREQUIPA	9007	63 11 12	0 55 02.23	20 36 00	-45 50				434023
11613	WOOMERA	9003	63 11 12	11 36 44.38	0 00 30	29 33				434013
11612	ORGNPASS	9001	63 11 12	12 15 00.28	12 23 18	43 52				434013
11617	MAUI,HA	9012	63 11 12	14 49 41.37	14 22 30	68 00				434013
11614	NAINITAL	9006	63 11 12	22 41 43.72	13 15 06	61 06				434013
11619	AREQUIPA	9007	63 11 13	0 33 23.92	20 28 12	-48 21				434023
11618	ORGNPASS	9001	63 11 13	11 54 00.66	12 26 36	44 35				434013
11621	AREQUIPA	9007	63 11 14	0 13 04.20	20 52 42	-49 00				434023
11622	AREQUIPA	9007	63 11 14	23 56 04.23	22 42 36	-40 05				434023
11623	V.DLORES	9011	63 11 14	23 58 53.90	22 53 18	3 35				434013
11620	SFERNNDO	9004	63 11 15	5 58 23.49	9 09 36	41 41				434013
11624	ORGNPASS	9001	63 11 15	11 12 00.40	12 29 36	46 08				434013
11628	SHIRAZ	9008	63 11 16	0 20 11.66	12 54 12	51 05				434013
11635	TOKYO	9005	63 11 16	18 46 24.90	12 08 48	28 43				434013
11630	CURACAO	9009	63 11 16	23 21 10.81	1 10 48	-49 15				434023
11629	SHIRAZ	9008	63 11 16	23 59 28.51	12 53 42	49 11				434013
11625	SFERNNDO	9004	63 11 17	5 19 01.21	11 14 42	25 00				434013
11644	JUPITER	9010	63 11 17	10 37 03.15	12 13 12	34 02				434013
11636	TOKYO	9005	63 11 17	18 24 52.60	12 00 12	33 53				434013
11631	SHIRAZ	9008	63 11 17	23 38 32.15	12 51 18	49 16				434013
11627	NAINITAL	9006	63 11 17	23 44 58.12	12 01 12	32 00				434013
11626	SFERNNDO	9004	63 11 18	4 58 59.12	11 37 48	19 42				434013
11643	MAUI,HA	9012	63 11 18	15 33 43.17	12 50 18	34 52				434013
11633	OLFSFTN	9002	63 11 18	17 27 25.29	0 05 24	25 13				434013
11652	JUPITER	9010	63 11 19	1 25 15.95	0 24 00	-45 36				434023
11637	SHIRAZ	9008	63 11 19	1 59 26.28	6 17 12	54 35				434013
11634	SFERNNDO	9004	63 11 19	4 38 07.76	11 40 36	20 13				434013
11649	MAUI,HA	9012	63 11 19	6 39 04.07	23 14 06	-45 12				434023
11638	ORGNPASS	9001	63 11 19	9 49 22.64	12 25 18	38 06				434013
11640	NAINITAL	9006	63 11 19	14 34 55.51	0 57 06	-43 13				434023
11641	NAINITAL	9006	63 11 19	23 03 03.41	12 10 36	34 11				434013
11645	SHIRAZ	9008	63 11 20	1 43 21.90	11 19 00	22 48				434013

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11639	SFERNNDO	9004	63 11 20	4 16 47.89	11 33 48	24 12				434C13
11650	MAUI,HA	9012	63 11 20	6 18 05.41	23 19 48	-45 43				434C23
11651	MAUI,HA	9012	63 11 20	14 50 23.74	12 48 42	46 56				434013
11647	SFERNNDO	9004	63 11 21	3 56 29.84	11 43 12	20 46				434013
11655	CURACAO	9009	63 11 22	0 20 55.14	22 24 12	-36 28				434C23
11654	SFERNNDO	9004	63 11 22	3 35 42.72	11 42 54	20 50				434C13
11666	MAUI,HA	9012	63 11 22	5 37 02.21	23 49 48	-43 43				434023
11667	MAUI,HA	9012	63 11 22	14 08 10.16	12 56 06	50 14				434013
11669	TOKYO	9005	63 11 22	19 26 21.50	10 38 06	4 41				434C13
11659	NAINITAL	9006	63 11 22	22 01 03.38	12 21 18	30 04				434013
11664	JUPITER	9010	63 11 23	0 04 10.40	1 21 54	-35 58				434C23
11656	ORGNPASS	9001	63 11 23	2 43 52.69	0 31 18	-38 38				434C23
11665	JUPITER	9010	63 11 23	8 31 25.71	12 31 18	37 58				434C13
11663	CURACAO	9009	63 11 23	23 38 37.30	22 32 48	-39 10				434023
11660	NAINITAL	9006	63 11 24	0 18 39.18	4 58 30	30 38				434013
11662	SHIRAZ	9008	63 11 24	0 20 23.25	11 53 30	22 37				434C13
11657	ORGNPASS	9001	63 11 24	2 23 21.98	0 40 42	-37 16				434023
11658	ORGNPASS	9001	63 11 24	10 51 35.72	11 42 06	13 19				434013
11661	NAINITAL	9006	63 11 25	0 05 21.18	10 30 18	- 7 02				434C13
11668	SFERNNDO	9004	63 11 26	4 57 35.40	10 13 54	- 9 07				434C13
11670	ORGNPASS	9001	63 11 26	12 48 00.45	5 28 24	12 16				434C13
11672	SHIRAZ	9008	63 11 26	23 18 20.01	12 00 42	20 55				434013
11671	NAINITAL	9006	63 11 26	23 24 06.26	10 55 24	- 7 00				434C13
11674	ORGNPASS	9001	63 11 27	1 22 58.46	1 23 12	-28 38				434C23
11673	SHIRAZ	9008	63 11 27	2 02 19.70	9 08 24	-11 10				434C13
11685	MAUI,HA	9012	63 11 27	6 37 16.54	21 29 24	-18 45				434013
11675	ORGNPASS	9001	63 11 27	12 33 59.38	9 31 30	-19 47				434C13
11678	NAINITAL	9006	63 11 27	14 32 02.53	22 43 48	-27 26				434C23
11686	MAUI,HA	9012	63 11 27	15 11 51.72	11 20 18	5 05				434013
11677	TOKYO	9005	63 11 27	20 26 12.40	8 24 48	-19 58				434013
11682	SHIRAZ	9008	63 11 28	1 42 58.20	9 57 54	-17 25				434013
11684	JUPITER	9010	63 11 28	9 34 07.75	11 11 18	- 0 22				434013
11683	CURACAO	9009	63 11 28	9 39 39.66	11 53 48	2 18				434013
11676	ORGNPASS	9001	63 11 28	12 13 24.53	9 43 12	-20 25				434013
11692	TOKYO	9005	63 11 28	20 05 28.00	8 27 12	-20 21				434013
11681	NAINITAL	9006	63 11 28	22 41 23.01	10 45 54	1 46				434013
11687	SHIRAZ	9008	63 11 29	1 22 25.13	10 12 24	-17 50				434C13
11700	MAUI,HA	9012	63 11 29	5 56 04.65	21 48 00	-19 23				434C13
11688	ORGNPASS	9001	63 11 29	11 52 31.05	9 47 00	-19 39				434C13
11701	MAUI,HA	9012	63 11 29	14 30 44.24	11 45 36	4 07				434C13
11694	NAINITAL	9006	63 11 29	22 21 43.79	11 14 48	- 3 35				434C13
11690	ORGNPASS	9001	63 11 30	3 01 43.81	22 20 42	-21 04				434C13
11702	MAUI,HA	9012	63 11 30	5 34 52.51	21 49 24	-21 28				434C13
11691	SFERNNDO	9004	63 11 30	6 16 09.78	7 19 48	-20 12				434C13
11699	JUPITER	9010	63 11 30	8 52 54.36	11 29 06	- 0 01				434C13
11689	ORGNPASS	9001	63 11 30	11 32 15.76	10 07 48	-20 55				434C13
11703	MAUI,HA	9012	63 11 30	14 09 47.01	11 49 18	6 13				434C13
11693	TOKYO	9005	63 11 30	19 24 43.00	8 58 30	-23 38				434C23
11696	NAINITAL	9006	63 11 30	22 00 36.40	11 14 06	- 0 28				434013
11697	NAINITAL	9006	63 12 01	13 09 29.96	23 23 48	-25 58				434023
11705	MAUI,HA	9012	63 12 01	13 48 39.01	11 49 48	9 37				434C13
11698	NAINITAL	9006	63 12 02	0 21 27.68	7 21 12	-19 07				434013
11706	ORGNPASS	9001	63 12 02	2 20 26.26	22 37 30	-21 18				434C13
11707	NAINITAL	9006	63 12 02	12 48 33.42	23 26 06	-25 58				434C23
11708	NAINITAL	9006	63 12 03	0 02 17.15	8 06 42	-26 55				434023
11709	ORGNPASS	9001	63 12 03	1 59 33.58	22 41 36	-21 43				434013
11712	MAUI,HA	9012	63 12 03	4 38 26.76	0 41 06	6 00				434C13
11713	MAUI,HA	9012	63 12 03	7 19 44.96	20 38 42	18 30				434013
11711	NAINITAL	9006	63 12 03	12 36 54.20	3 22 30	10 29				434013
11714	MAUI,HA	9012	63 12 03	13 07 33.21	11 58 30	8 26				434C13
11715	MAUI,HA	9012	63 12 03	15 49 43.88	7 52 42	-18 22				434013
11710	CURACAO	9009	63 12 03	23 00 11.83	22 38 24	14 55				434C13
11716	ORGNPASS	9001	63 12 04	1 39 14.65	22 57 30	-20 25				434C13
11718	MAUI,HA	9012	63 12 04	6 58 48.77	20 37 36	17 50				434C13
11717	JUPITER	9010	63 12 04	10 14 06.13	8 56 48	-31 58				434C23
11720	NAINITAL	9006	63 12 04	23 21 43.91	8 42 24	-31 47				434C23
11721	ORGNPASS	9001	63 12 05	1 18 08.87	22 57 06	-21 10				434C13
11724	MAUI,HA	9012	63 12 05	6 37 30.96	20 34 48	15 16				434013
11722	TOKYO	9005	63 12 05	9 13 20.40	23 01 54	-18 30				434C13
11723	NAINITAL	9006	63 12 05	23 01 34.69	9 06 24	-33 58				434023
11733	JUPITER	9010	63 12 06	1 00 52.24	21 04 12	2 17				434C13
11730	SHIRAZ	9008	63 12 06	1 38 35.12	7 05 48	-27 01				434C23
11734	JUPITER	9010	63 12 06	9 33 06.49	9 27 36	-33 54				434023
11725	ORGNPASS	9001	63 12 06	12 08 39.76	6 49 36	-26 51				434C23
11731	SHIRAZ	9008	63 12 06	16 50 23.13	20 58 12	10 25				434C13
11736	NAINITAL	9006	63 12 06	22 41 10.84	9 24 12	-34 53				434C23

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11726	ORGNPASS	9001	63 12 07	3 21 21.02	21 07 42	6 03				434013
11728	NAINITAL	9006	63 12 07	13 49 01.16	21 26 24	- 0 32				434013
11727	ORGNPASS	9001	63 12 08	3 01 10.69	21 16 00	8 40				434013
11729	NAINITAL	9006	63 12 08	13 28 06.91	21 30 48	- 1 18				434013
11738	MAUI,HA	9012	63 12 08	14 09 46.22	10 30 30	-34 21				434023
11737	SHIRAZ	9008	63 12 08	16 08 20.34	20 57 12	8 07				434013
11732	CURACAO	9009	63 12 08	23 59 29.80	20 05 00	29 46				434013
11743	MAUI,HA	9012	63 12 09	5 13 15.33	20 38 18	10 11				434013
11741	NAINITAL	9006	63 12 09	15 54 16.99	20 37 00	28 33				434013
11740	SFERNNDO	9004	63 12 09	18 23 28.38	22 42 18	-10 50				434013
11742	CURACAO	9009	63 12 09	23 37 49.06	20 01 48	25 56				434013
11745	JUPITER	9010	63 12 10	2 25 44.85	20 26 54	36 04				434013
11746	MAUI,HA	9012	63 12 10	4 53 07.58	20 52 48	13 41				434013
11747	SHIRAZ	9008	63 12 10	15 26 44.33	21 04 48	7 58				434013
11744	SFERNNDO	9004	63 12 10	18 10 48.81	3 08 12	18 59				434013
11748	CURACAO	9009	63 12 10	23 15 17.86	19 52 24	18 25				434013
11751	JUPITER	9010	63 12 10	23 23 49.06	1 23 24	39 46				434013
11752	JUPITER	9010	63 12 11	2 04 48.76	20 23 36	36 07				434013
11754	SHIRAZ	9008	63 12 11	15 06 05.88	21 12 36	8 39				434013
11749	WOOMERA	9003	63 12 11	18 28 14.16	10 44 06	37 28				434013
11755	SHIRAZ	9008	63 12 12	14 44 48.60	21 11 54	6 24				434013
11753	WOOMERA	9003	63 12 12	18 08 50.33	11 11 12	31 22				434013
11757	ORGNPASS	9001	63 12 13	1 15 52.64	21 20 24	2 25				434013
11758	ORGNPASS	9001	63 12 13	4 03 01.54	20 36 54	29 09				434013
11762	TOKYO	9005	63 12 13	9 11 31.60	21 36 54	6 26				434013
11767	SHIRAZ	9008	63 12 13	14 30 35.49	0 58 00	43 52				434013
11759	ORGNPASS	9001	63 12 14	1 02 18.63	1 33 06	39 00				434013
11760	ORGNPASS	9001	63 12 14	3 42 28.40	20 34 24	31 17				434013
11769	MAUI,HA	9012	63 12 14	6 18 30.11	19 50 00	48 33				434013
11763	TOKYO	9005	63 12 14	8 50 13.80	21 33 54	4 25				434013
11765	NAINITAL	9006	63 12 14	14 10 04.55	20 30 24	31 06				434013
30100	ROCHESTR	8624	63 12 15	0 47 31.6	1 23 05	38 01				845013
11770	ORGNPASS	9001	63 12 15	3 21 05.51	20 28 18	28 59				434013
11764	TOKYO	9005	63 12 15	8 34 05.40	23 57 24	27 25				434013
11768	CURACAO	9009	63 12 15	9 14 32.72	7 19 36	-46 48				434023
11766	NAINITAL	9006	63 12 15	13 48 21.14	20 24 18	26 39				434013
11775	OLFSFTN	9002	63 12 16	0 58 14.40	9 59 00	41 48				434013
11771	ORGNPASS	9001	63 12 16	3 00 50.81	20 30 42	32 59				434013
11773	MAUI,HA	9012	63 12 16	5 35 22.17	19 47 42	42 13				434013
11772	NAINITAL	9006	63 12 16	13 27 27.21	20 26 36	26 57				434013
11774	MAUI,HA	9012	63 12 16	14 05 57.65	7 12 00	-47 29				434023
11776	ORGNPASS	9001	63 12 17	2 39 20.28	20 24 48	30 00				434013
11778	MAUI,HA	9012	63 12 17	5 13 47.59	19 45 24	39 16				434013
11777	NAINITAL	9006	63 12 17	13 06 31.69	20 29 42	27 05				434013
11779	ORGNPASS	9001	63 12 18	2 20 19.77	20 47 12	42 19				434013
11781	MAUI,HA	9012	63 12 18	4 52 09.16	19 42 42	36 10				434013
11783	NAINITAL	9006	63 12 18	12 48 09.75	21 22 06	43 18				434013
11780	WOOMERA	9003	63 12 18	18 45 04.36	8 09 30	29 00				434013
11786	JUPITER	9010	63 12 18	23 24 28.11	4 12 42	67 30				434013
11782	ORGNPASS	9001	63 12 19	1 57 46.81	20 28 24	32 15				434013
11787	JUPITER	9010	63 12 19	2 04 57.73	19 57 06	52 16				434013
11788	V.DLORES	9011	63 12 19	8 00 34.09	11 18 48	- 7 33				434013
11785	NAINITAL	9006	63 12 19	15 13 07.69	20 07 06	49 29				434013
11789	ORGNPASS	9001	63 12 20	1 35 54.38	20 19 18	27 34				434013
11796	AREQUIPA	9007	63 12 20	7 39 17.80	12 30 54	-31 19				434023
11790	V.DLORES	9011	63 12 20	7 42 23.95	12 19 12	-17 10				434013
11798	SHIRAZ	9008	63 12 20	14 44 28.18	20 15 18	34 24				434013
11791	ORGNPASS	9001	63 12 21	1 15 05.16	20 22 36	28 27				434013
11797	AREQUIPA	9007	63 12 21	7 17 22.22	12 12 12	-25 46				434023
11799	V.DLORES	9011	63 12 21	7 22 07.23	12 31 30	-17 18				434013
11807	TOKYO	9005	63 12 21	9 10 45.50	20 46 12	31 57				434013
11795	NAINITAL	9006	63 12 21	14 31 27.94	20 00 06	52 27				434013
11802	SHIRAZ	9008	63 12 21	14 31 31.50	4 28 36	66 48				434013
11803	SHIRAZ	9008	63 12 21	17 11 47.55	20 12 00	50 36				434013
11792	WOOMERA	9003	63 12 21	17 43 06.40	8 33 24	34 08				434013
11793	SFERNNDO	9004	63 12 21	19 44 47.77	20 39 54	36 31				434013
11812	JUPITER	9010	63 12 22	1 02 24.06	19 44 48	56 21				434013
11804	V.DLORES	9011	63 12 22	7 00 21.89	12 15 18	-12 29				434013
11808	TOKYO	9005	63 12 22	8 49 30.20	20 43 36	30 30				434013
11801	WOOMERA	9003	63 12 22	17 23 11.89	9 04 00	31 21				434013
11813	JUPITER	9010	63 12 23	0 41 01.96	19 42 12	54 34				434013
11805	ORGNPASS	9001	63 12 23	3 21 01.29	20 17 06	44 21				434013
11810	AREQUIPA	9007	63 12 23	6 35 27.76	12 07 54	-19 47				434013
11814	V.DLORES	9011	63 12 23	6 39 17.72	12 10 36	- 9 52				434013
11811	AREQUIPA	9007	63 12 23	9 15 39.16	7 01 00	-36 50				434023
11809	NAINITAL	9006	63 12 23	13 49 05.94	19 54 48	51 05				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
11820	SHIRAZ	9008	63 12 23	16 29 51.11	19 59 24	51 58				434013
11806	WOOMERA	9003	63 12 23	17 03 39.48	9 43 48	25 23				434013
11815	ORGNPASS	9001	63 12 24	3 00 06.34	20 11 36	45 20				434013
11819	AREQUIPA	9007	63 12 24	6 14 18.25	12 01 06	-16 00				434013
11817	NAINITAL	9006	63 12 24	13 28 18.12	19 57 12	52 59				434013
11825	SHIRAZ	9008	63 12 24	16 08 59.88	19 55 30	53 28				434013
11818	NAINITAL	9006	63 12 25	13 07 05.39	19 56 24	52 14				434013
11816	WOOMERA	9003	63 12 25	16 23 33.94	10 28 12	18 37				434013
11822	OLFSFTN	9002	63 12 26	0 17 01.29	9 20 30	9 26				434013
11821	ORGNPASS	9001	63 12 26	2 18 33.71	20 07 18	49 10				434013
11823	WOOMERA	9003	63 12 26	16 03 50.09	10 51 48	13 17				434013
11824	WOOMERA	9003	63 12 26	18 48 25.79	8 45 24	-29 31				434023
11826	ORGNPASS	9001	63 12 27	1 57 47.31	20 08 00	51 14				434013
11830	OLFSFTN	9002	63 12 27	23 36 36.14	10 13 54	4 50				434013
11829	ORGNPASS	9001	63 12 28	1 36 45.86	20 07 30	51 47				434013
11831	OLFSFTN	9002	63 12 28	2 21 07.71	7 12 54	-36 47				434023
11827	V.DLORES	9011	63 12 28	4 52 34.71	11 11 54	10 02				434013
11828	V.DLORES	9011	63 12 28	7 41 39.52	12 39 36	-44 26				434023
11832	NAINITAL	9006	63 12 28	14 51 45.59	20 20 36	57 59				434013
11839	V.DLORES	9011	63 12 29	7 20 39.81	12 41 48	-42 16				434023
11835	V.DLORES	9011	63 12 30	6 59 38.58	12 41 00	-39 50				434023
11834	NAINITAL	9006	63 12 30	14 10 10.61	20 11 24	62 35				434013
11840	MAUI.HA	9012	63 12 31	5 59 27.39	18 20 18	82 10				434013
11836	WOOMERA	9003	63 12 31	17 01 08.74	7 27 12	3 34				434013
11837	SFERNNDO	9004	63 12 31	19 02 09.78	20 38 00	49 28				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
30002	ALBUQUER	0041	63 08 03	11 15 41.00	9 44 00	59 52				845012
30003	ALBUQUER	0041	63 08 04	10 54 01.00	8 37 30	58 30				845012
30012	KANCITY	0036	63 08 05	9 23 59.1	8 20	63 00				845013
30005	KAGCSHIM	8626	63 08 06	19 39 43.40			23 12 24	23 18		845302
30004	WPALMBCH	8632	63 08 07	9 37 17.10			4 31 12	53 42		845302
30009	SN.ANTON	8610	63 08 08	2 11 42.7	18 30 06	- 3 13				845012
30006	SN.ANTON	8634	63 08 08	2 11 47.80	18 57 36	1 10				845012
30007	SN.ANTON	8634	63 08 09	1 53 13.10	17 41 48	26 30				845012
30008	SACMENTO	8616	63 08 10	4 36 00.10	9 28 00	64 00				845012
30010	LAKELAND	0015	63 08 15	4 58 50.00			227 00	20 00		845302
30011	DENVER	8582	63 08 16	5 08 01.70			21 60	14 80		845302

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10001	V.DLORES	9011	63 10 15	0 59 07.50	2 06 48	-57 11				434023
10003	ORGNPASS	9001	63 10 15	2 20 31.61	2 56 00	56 44				434C13
10002	V.DLORES	9011	63 10 15	2 45 08.75	17 47 18	-35 31				434023
10004	ORGNPASS	9001	63 10 15	4 06 12.83	16 08 30	47 52				434013
10005	WOOMERA	9003	63 10 15	11 32 08.86	1 51 18	-61 15				434C23
10006	WOOMERA	9003	63 10 15	13 18 07.85	17 44 42	-34 19				434C23
10007	SFERNNDO	9004	63 10 15	19 56 04.31	0 55 48	60 27				434C13
10008	SFERNNDO	9004	63 10 15	21 41 11.73	16 33 18	33 55				434013
10010	V.DLORES	9011	63 10 16	1 37 43.71	17 28 48	-76 55				434C23
10012	WOOMERA	9003	63 10 16	10 23 02.17	2 32 36	-23 31				434C23
10013	WOOMERA	9003	63 10 16	12 08 29.34	19 37 48	-43 34				434023
10020	SHIRAZ	9008	63 10 16	15 16 50.02	2 56 12	50 25				434013
10021	SHIRAZ	9008	63 10 16	17 03 10.21	16 24 30	55 40				434C13
30001	PRETOR	0405	63 10 16	19 10 26.30	19 27 00	-66 16				845023
10011	OLFSFTN	9002	63 10 16	19 10 40.36	19 17 12	-68 37				434023
10015	SFERNNDO	9004	63 10 16	20 34 13.82	19 00 06	50 00				434013
10014	JUPITER	9010	63 10 17	0 05 29.42	2 35 30	46 36				434013
10017	WOOMERA	9003	63 10 17	12 44 52.17	18 31 12	-14 25				434013
10022	SHIRAZ	9008	63 10 17	15 54 14.48	3 23 54	77 30				434C13
10023	SHIRAZ	9008	63 10 17	15 56 19.29	0 18 42	54 44				434C13
10016	OLFSFTN	9002	63 10 17	18 00 49.16	1 34 48	-31 10				434023
10018	SFERNNDO	9004	63 10 17	19 26 48.63	0 30 48	25 53				434013
10019	SFERNNDO	9004	63 10 17	21 13 05.68	18 06 30	11 56				434C13
10024	V.DLORES	9011	63 10 18	1 02 39.70	21 22 24	- 6 14				434C13
10025	ORGNPASS	9001	63 10 18	2 26 53.46	3 15 00	78 33				434C13
10030	WOOMERA	9003	63 10 18	11 35 02.46	20 59 24	3 58				434C13
10031	WOOMERA	9003	63 10 18	11 37 27.48	20 54 30	-46 30				434C23
10037	SHIRAZ	9008	63 10 18	14 47 54.79	1 48 06	28 33				434013
10038	SHIRAZ	9008	63 10 18	16 34 49.79	19 15 18	34 21				434C13
10026	OLFSFTN	9002	63 10 18	18 36 44.21	21 26 54	-13 15				434C13
10027	OLFSFTN	9002	63 10 18	18 39 00.15	21 45 48	-62 29				434023
10042	V.DLORES	9011	63 10 18	23 54 40.23	1 03 12	- 6 48				434013
10041	JUPITER	9010	63 10 19	1 22 28.10	18 54 06	46 23				434C13
10036	AREQUIPA	9007	63 10 19	1 38 40.82	18 44 06	-45 36				434023
10044	V.DLORES	9011	63 10 19	1 40 15.91	19 01 48	- 6 58				434C13
10045	MAUI,HA	9012	63 10 19	4 54 10.45	1 48 30	32 24				434013
10032	WOOMERA	9003	63 10 19	10 27 28.65	0 50 30	- 5 19				434C13
10033	WOOMERA	9003	63 10 19	12 14 13.37	18 35 18	-19 18				434C13
10039	SHIRAZ	9008	63 10 19	15 24 22.02	1 52 54	59 05				434013
10040	SHIRAZ	9008	63 10 19	17 11 51.17	17 22 18	22 51				434013
10028	OLFSFTN	9002	63 10 19	17 28 09.03	1 04 24	- 2 56				434C13
10034	SFERNNDO	9004	63 10 19	18 54 35.07	1 29 00	39 32				434013
10035	SFERNNDO	9004	63 10 19	20 40 26.17	17 07 12	38 01				434013
10053	SHIRAZ	9008	63 10 20	16 03 45.53	20 27 24	44 38				434013
10047	SFERNNDO	9004	63 10 20	19 32 35.99	22 34 48	53 41				434013
10049	AREQUIPA	9007	63 10 21	1 04 29.97	19 57 54	9 36				434013
10050	V.DLORES	9011	63 10 21	1 09 23.61	19 23 54	- 7 33				434C13
10052	ORGNPASS	9001	63 10 21	2 35 41.97	19 49 30	54 32				434C13
10051	WOOMERA	9003	63 10 21	11 42 48.58	19 03 12	-14 10				434013
10058	SHIRAZ	9008	63 10 21	14 54 27.49	1 22 18	39 35				434C13
10059	SHIRAZ	9008	63 10 21	16 40 55.34	17 26 24	28 39				434C13
10054	SFERNNDO	9004	63 10 21	20 09 48.43	17 37 30	43 26				434013
10055	CURACAO	9009	63 10 21	23 47 54.80	23 12 24	34 38				434013
10064	AREQUIPA	9007	63 10 21	23 55 47.34	0 15 48	15 12				434013
10056	V.DLORES	9011	63 10 22	0 00 47.14	23 19 06	- 1 48				434013
10065	AREQUIPA	9007	63 10 22	0 01 02.69	2 19 42	-51 59				434023
10060	ORGNPASS	9001	63 10 22	1 26 44.19	1 23 48	43 03				434013
10066	AREQUIPA	9007	63 10 22	1 42 54.04	18 08 42	- 5 45				434C13
10057	V.DLORES	9011	63 10 22	1 47 25.14	18 12 24	-10 48				434013
10061	ORGNPASS	9001	63 10 22	3 12 57.25	17 05 42	32 56				434013
10069	MAUI,HA	9012	63 10 22	5 00 32.64	1 17 12	47 30				434013
10070	MAUI,HA	9012	63 10 22	6 45 34.23	16 32 18	41 14				434013
10062	WOOMERA	9003	63 10 22	10 33 41.18	22 59 06	- 1 04				434C13
10063	WOOMERA	9003	63 10 22	12 23 32.26	17 03 30	-38 28				434023
10076	SHIRAZ	9008	63 10 22	15 32 22.12	22 11 48	56 04				434013
10068	JUPITER	9010	63 10 23	0 21 00.11	22 22 00	48 10				434013
10067	CURACAO	9009	63 10 23	0 25 22.71	18 43 30	28 34				434013
10075	AREQUIPA	9007	63 10 23	0 33 45.21	21 02 00	9 18				434013
10071	ORGNPASS	9001	63 10 23	2 04 36.25	21 50 24	61 09				434013
10078	MAUI,HA	9012	63 10 23	5 43 59.35	21 49 06	-39 43				434C23
10072	WOOMERA	9003	63 10 23	11 11 41.40	19 40 18	-11 39				434013
10074	OLFSFTN	9002	63 10 23	18 12 24.96	19 56 18	-11 00				434013
10080	CURACAO	9009	63 10 24	1 03 00.93	17 25 42	13 18				434C13
10079	AREQUIPA	9007	63 10 24	1 09 11.25	18 29 18	26 29				434013
10081	ORGNPASS	9001	63 10 24	2 42 07.18	17 20 00	39 59				434C13
10083	WOOMERA	9003	63 10 24	10 04 17.53	0 28 06	-24 33				434023
10084	WOOMERA	9003	63 10 24	11 48 11.25	18 24 36	1 32				434013
10085	SFERNNDO	9004	63 10 24	20 14 07.62	15 06 06	45 49				434013
10086	SFERNNDO	9004	63 10 24	20 16 18.05	16 42 24	30 31				434C13
10087	JUPITER	9010	63 10 24	23 50 03.97	23 41 00	43 02				434013
10091	AREQUIPA	9007	63 10 25	0 02 46.87	22 14 30	12 03				434013
10090	ORGNPASS	9001	63 10 25	1 33 49.24	23 32 12	53 00				434C13

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10088	JUPITER	9010	63 10 25	1 36 20.88	17 07 00	15 03				434013
10089	JUPITER	9010	63 10 25	1 38 32.58	17 46 06	- 6 02				434013
10096	SHIRAZ	9008	63 10 25	15 38 53.15	18 11 30	48 57				434013
10092	OLFSFTN	9002	63 10 25	17 40 42.52	20 56 36	5 38				434013
10099	MAUI,HA	9012	63 10 26	5 46 15.99	18 15 48	28 42				434013
10094	WOOMERA	9003	63 10 26	11 17 44.86	18 29 12	- 2 23				434013
10103	SHIRAZ	9008	63 10 26	16 14 47.15	15 52 18	39 46				434013
10104	SHIRAZ	9008	63 10 26	16 16 54.46	17 00 42	21 09				434013
10093	OLFSFTN	9002	63 10 26	18 18 43.01	18 25 24	- 4 23				434013
10098	JUPITER	9010	63 10 27	1 03 41.70	16 17 48	35 31				434013
10100	ORGNPASS	9001	63 10 27	2 47 53.00	16 08 54	34 33				434013
10101	ORGNPASS	9001	63 10 27	2 49 21.82	16 57 18	20 52				434013
10113	MAUI,HA	9012	63 10 27	6 22 58.60	16 49 12	22 16				434013
10106	SHIRAZ	9008	63 10 27	15 08 18.75	19 51 42	51 27				434013
10102	SFERNNDO	9004	63 10 27	20 24 16.48	16 59 24	10 59				434013
10111	CURACAO	9009	63 10 27	23 58 50.49	16 52 36	47 47				434013
10110	CURACAO	9009	63 10 28	0 01 15.84	17 46 42	20 50				434013
10105	AREQUIPA	9007	63 10 28	0 09 56.95	19 31 30	- 0 43				434013
10107	V.DLORES	9011	63 10 28	0 14 00.22	19 00 42	- 3 21				434013
10108	WOOMERA	9003	63 10 28	10 47 11.33	18 43 48	- 6 33				434013
10115	SHIRAZ	9008	63 10 28	15 45 41.17	16 56 06	30 15				434013
10109	SFERNNDO	9004	63 10 28	19 14 46.45	17 17 06	42 26				434013
10112	JUPITER	9010	63 10 29	0 34 21.44	17 10 42	25 47				434013
10114	AREQUIPA	9007	63 10 29	0 47 52.98	17 40 54	- 6 42				434013
10116	ORGNPASS	9001	63 10 29	2 17 31.47	16 26 42	36 19				434013
10118	JUPITER	9010	63 10 29	23 29 47.04	21 55 54	-25 40				434023
10117	CURACAO	9009	63 10 29	23 30 14.75	18 17 30	28 59				434013
10119	V.DLORES	9011	63 10 29	23 43 28.51	19 35 00	- 9 09				434013
10120	ORGNPASS	9001	63 10 30	1 11 38.24	21 30 24	12 11				434013
10127	MAUI,HA	9012	63 10 30	4 43 56.38	20 36 18	51 35				434013
10122	WOOMERA	9003	63 10 30	10 17 07.91	19 07 18	-21 50				434013
10130	SHIRAZ	9008	63 10 30	15 14 48.86	17 13 48	37 26				434013
10121	OLFSFTN	9002	63 10 30	17 17 06.93	19 31 12	- 7 14				434013
10123	SFERNNDO	9004	63 10 30	18 43 37.05	17 44 24	56 13				434013
10125	JUPITER	9010	63 10 31	0 03 01.84	17 15 00	38 53				434013
10124	CURACAO	9009	63 10 31	0 07 35.10	16 54 54	16 30				434013
10126	ORGNPASS	9001	63 10 31	1 47 39.82	17 24 00	31 00				434013
10131	MAUI,HA	9012	63 10 31	5 21 19.70	17 02 00	31 47				434013
10132	MAUI,HA	9012	63 10 31	5 26 26.08	18 32 18	-34 13				434023
10129	WOOMERA	9003	63 10 31	10 54 50.89	17 34 12	-16 25				434013