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ASTROPHYSICAL OBSERVATORY

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CATALOG OF SATELLITE OBSERVATIONS

No. C-42

Prepared by Beatrice Miller, Data Division

Smithsonian Institution
Astrophysical Observatory

Cambridge, Massachusetts 02138

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CATALOG OF SATELLITE OBSERVATIONS, NO. C-42¹

Prepared by Beatrice Miller²

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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²Mathematician, 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	$.02^s < \sigma_t \leq .05^s$
1	$\sigma_t \leq .0003^s$	6	$.05^s < \sigma_t \leq .2^s$
2	$.0003^s < \sigma_t \leq .002^s$	7	$.2^s < \sigma_t \leq .5^s$
3	$.002^s < \sigma_t \leq .005^s$	8	$.5^s < \sigma_t \leq 2^s$
4	$.005^s < \sigma_t \leq .02^s$	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	$16''.5 < \sigma_D \leq 17''.5$	34	$21' < \sigma_D \leq 31.5'$
01	$\sigma_D \leq 1''.5$	18	$17''.5 < \sigma_D \leq 18''.5$	35	$31.5' < \sigma_D \leq 41.4'$
02	$1''.5 < \sigma_D \leq 2''.5$	19	$18''.5 < \sigma_D \leq 19''.5$	36	$41.4' < \sigma_D \leq 51.8'$
03	$2''.5 < \sigma_D \leq 3''.5$	20	$19''.5 < \sigma_D \leq 20''.5$	37	$51.8' < \sigma_D \leq 71.5'$
04	$3''.5 < \sigma_D \leq 4''.5$	21	$20''.5 < \sigma_D \leq 22''$	38	$71.5' < \sigma_D \leq 91.7'$
05	$4''.5 < \sigma_D \leq 5''.5$	22	$22'' < \sigma_D \leq 23''.5$	39	$91.7' < \sigma_D \leq 131'$
06	$5''.5 < \sigma_D \leq 6''.5$	23	$23''.5 < \sigma_D \leq 26''$	40	$131' < \sigma_D \leq 171'$
07	$6''.5 < \sigma_D \leq 7''.5$	24	$26'' < \sigma_D \leq 29''$	41	$171' < \sigma_D \leq 221'$
08	$7''.5 < \sigma_D \leq 8''.5$	25	$29'' < \sigma_D \leq 33''$	42	$221' < \sigma_D \leq 281'$
09	$8''.5 < \sigma_D \leq 9''.5$	26	$33'' < \sigma_D \leq 38''$	43	$281' < \sigma_D \leq 371'$
10	$9''.5 < \sigma_D \leq 10''.5$	27	$38'' < \sigma_D \leq 45''$	44	$371' < \sigma_D \leq 491'$
11	$10''.5 < \sigma_D \leq 11''.5$	28	$45'' < \sigma_D \leq 54''$	45	$491' < \sigma_D \leq 1^{\circ}1$
12	$11''.5 < \sigma_D \leq 12''.5$	29	$54'' < \sigma_D \leq 1^{\circ}1$	46	$1^{\circ}1 < \sigma_D \leq 1^{\circ}4$
13	$12''.5 < \sigma_D \leq 13''.5$	30	$1^{\circ}1 < \sigma_D \leq 1^{\circ}3$	47	$1^{\circ}4 < \sigma_D \leq 1^{\circ}8$
14	$13''.5 < \sigma_D \leq 14''.5$	31	$1^{\circ}3 < \sigma_D \leq 1^{\circ}7$	48	$1^{\circ}8 < \sigma_D \leq 2^{\circ}4$
15	$14''.5 < \sigma_D \leq 15''.5$	32	$1^{\circ}7 < \sigma_D \leq 2^{\circ}1$	49	$2^{\circ}4 < \sigma_D$
16	$15''.5 < \sigma_D \leq 16''.5$	33	$2^{\circ}1 < \sigma_D \leq 2^{\circ}7$		

* 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
11616	SFERNNDO	9004	63 07 01	3 16 45.73	16 28 30	71 09				434013
11620	SHIRAZ	9008	63 07 01	21 11 19.09	0 07 54	59 58				434013
11617	SFERNNDO	9004	63 07 02	0 46 56.20	23 12 54	34 00				434013
11618	SFERNNDO	9004	63 07 02	2 38 03.56	17 35 36	75 49				434013
11619	JUPITER	9010	63 07 02	6 10 12.53	23 24 54	75 45				434013
11626	MAUI, HA	9012	63 07 02	11 32 36.93	14 22 18	75 36				434013
30113	KONKO, J	8627	63 07 02	17 01 06.3	20 47 00	86 48				845013
11627	SFERNNDO	9004	63 07 03	1 59 18.90	19 44 00	75 49				434013
11621	ORGNPASS	9001	63 07 03	9 10 48.15	14 47 30	65 13				434013
11623	WOODMERA	9003	63 07 03	10 24 08.86	13 31 48	-60 57				434023
11625	TOKYO	9005	63 07 03	14 31 52.10	23 17 48	35 17				434013
11622	OLFSFTN	9002	63 07 03	17 36 06.90	14 15 24	-73 24				434023
11633	SHIRAZ	9008	63 07 03	21 44 02.75	14 58 30	74 25				434013
11628	SFERNNDO	9004	63 07 03	23 29 33.61	22 35 54	19 02				434013
11629	SFERNNDO	9004	63 07 04	3 13 14.47	14 18 00	75 48				434013
11632	JUPITER	9010	63 07 04	6 43 33.84	13 42 18	70 30				434013
30103	N. CANTON	8572	63 07 04	6 45 59.6	21 52 20	65 45				845013
30102	VANNUYS	8637	63 07 04	8 30 40.2	19 59 44	69 00				845013
11624	WOODMERA	9003	63 07 04	11 36 32.74	11 00 36	-14 39				434013
11634	SHIRAZ	9008	63 07 04	21 05 50.81	18 55 00	84 15				434013
11630	SFERNNDO	9004	63 07 05	0 42 01.67	22 15 18	59 11				434013
11631	SFERNNDO	9004	63 07 05	2 33 38.00	14 47 06	70 34				434013
11637	SFERNNDO	9004	63 07 06	1 54 43.08	15 01 36	73 26				434013
11638	SFERNNDO	9004	63 07 06	3 49 25.50	11 00 00	81 52				434013
11635	ORGNPASS	9001	63 07 06	5 24 11.68	22 15 24	25 42				434013
11636	ORGNPASS	9001	63 07 06	7 14 57.25	19 44 24	78 24				434013
11639	WOODMERA	9003	63 07 06	10 24 38.14	15 37 42	21 40				434013
11646	SHIRAZ	9008	63 07 06	19 48 26.34	22 12 42	66 13				434013
11640	SFERNNDO	9004	63 07 06	23 24 11.39	21 38 48	37 06				434013
11645	AREQUIPA	9007	63 07 07	0 46 13.38	11 17 42	-42 49				434023
11641	SFERNNDO	9004	63 07 07	1 15 00.36	15 19 12	64 19				434013
11642	SFERNNDO	9004	63 07 07	3 10 27.00	9 35 06	81 56				434013
30112	HARTSVLE	8559	63 07 07	4 50 06.98	22 23 06	37 13				845014
11651	MAUI, HA	9012	63 07 07	10 09 43.01	13 05 00	68 02				434013
11683	ORGNPASS	9001	63 07 07	10 23 27.25	10 39 48	77 41				434013
11643	TOKYO	9005	63 07 07	13 47 29.40	21 37 12	48 50				434013
11650	SHIRAZ	9008	63 07 07	19 08 35.14	20 29 48	54 36				434013
11644	MAINITAL	9006	63 07 07	19 12 11.74	13 21 42	63 39				434013
11647	SFERNNDO	9004	63 07 07	22 44 51.14	20 54 18	25 06				434013
11649	AREQUIPA	9007	63 07 08	0 09 50.59	14 34 36	-32 59				434023
11654	SFERNNDO	9004	63 07 08	0 35 03.51	15 16 12	49 31				434013
11655	SFERNNDO	9004	63 07 08	2 30 20.09	12 56 12	76 36				434013
11648	JUPITER	9010	63 07 08	4 08 24.58	20 37 18	71 17				434013
11684	ORGNPASS	9001	63 07 08	7 48 39.23	13 26 18	65 44				434013
11652	MAUI, HA	9012	63 07 08	9 30 13.39	13 32 54	65 15				434013
11660	SHIRAZ	9008	63 07 08	20 20 26.45	13 36 18	57 07				434013
11657	SFERNNDO	9004	63 07 08	23 57 03.00	16 40 06	61 01				434013
11661	CURACAO	9009	63 07 09	1 32 05.78	15 51 00	14 50				434013
11658	SFERNNDO	9004	63 07 09	1 51 40.42	11 28 00	81 38				434013
30111	ST. COLL	8603	63 07 09	3 27 17.8			190 42	36 12		845303
30110	N. CANTON	8572	63 07 09	3 27 22.	17 23 55	-11 48				845013
11659	SFERNNDO	9004	63 07 09	3 46 02.44	7 11 00	84 02				434013
11656	ORGNPASS	9001	63 07 09	5 15 08.50	16 51 06	17 45				434013
11662	JUPITER	9010	63 07 09	5 20 40.57	12 43 00	63 17				434013
11680	MAUI, HA	9012	63 07 09	6 58 36.49	19 12 48	10 01				434013
11681	MAUI, HA	9012	63 07 09	8 50 00.68	13 47 30	50 40				434013
11674	SHIRAZ	9008	63 07 09	17 47 47.35	17 32 54	1 38				434013
11675	SHIRAZ	9008	63 07 09	19 41 30.82	13 54 06	58 32				434013
11663	SFERNNDO	9004	63 07 09	21 24 15.55	18 27 06	-11 22				434013
11668	V. DLORES	9011	63 07 09	22 49 17.82	11 24 00	-13 41				434013
11664	SFERNNDO	9004	63 07 09	23 17 25.39	16 29 18	45 35				434013
11667	AREQUIPA	9007	63 07 10	0 44 26.82	11 39 18	9 02				434013
11676	CURACAO	9009	63 07 10	0 52 20.20	15 58 18	-10 58				434013
11665	SFERNNDO	9004	63 07 10	1 11 56.06	13 04 00	76 31				434013
11666	SFERNNDO	9004	63 07 10	3 07 06.38	6 23 00	80 52				434013
11669	ORGNPASS	9001	63 07 10	4 36 09.18	17 14 54	6 02				434013
30109	SN. ANTON	8634	63 07 10	4 38 31.	17 15 05	52 35				845013
11677	MAUI, HA	9012	63 07 10	6 17 41.32	18 04 42	-17 06				434013
11670	ORGNPASS	9001	63 07 10	6 29 58.70	13 55 24	59 50				434013
11671	ORGNPASS	9001	63 07 10	8 25 05.58	11 20 00	73 58				434013
11672	ORGNPASS	9001	63 07 10	10 21 01.00	6 04 48	75 27				434013
11685	SHIRAZ	9008	63 07 10	17 09 05.77	17 58 24	- 4 45				434013
11686	SHIRAZ	9008	63 07 10	19 01 47.63	14 06 54	47 08				434013
11678	AREQUIPA	9007	63 07 11	0 06 15.77	12 19 42	9 51				434013
11679	CURACAO	9009	63 07 11	0 13 28.24	16 39 30	-19 36				434013
11673	SFERNNDO	9004	63 07 11	0 32 15.33	13 37 30	70 03				434013
11687	JUPITER	9010	63 07 11	2 08 28.47	17 18 24	7 52				434013
30107	SN. ANTON	8634	63 07 11	3 58 29.75	16 35 15	26 45				845013
30171	SACMENTO	8517	63 07 11	5 47 52.5			180 00 00	54 46 52		641304
11688	MAUI, HA	9012	63 07 11	9 25 01.49	12 02 24	52 06				434013
11693	SFERNNDO	9004	63 07 11	21 59 18.05	17 11 48	22 48				434013
11698	AREQUIPA	9007	63 07 11	23 27 07.49	12 40 48	- 4 21				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
11689	CURACAO	9009	63 07 12	1 28 05.73	12 56 18	40 18				434013
11694	SFERNNDO	9004	63 07 12	1 48 27.38	7 25 00	81 40				434013
11691	ORGNPASS	9001	63 07 12	3 18 52.14	18 03 36	- 5 23				434013
11695	SFERNNDO	9004	63 07 12	3 42 43.82	2 07 12	78 00				434013
30122	SACMENTO	8517	63 07 12	5 07 49.4			180 00 00	37 37 30		641304
11690	ORGNPASS	9001	63 07 12	5 11 03.51	14 26 06	42 12				434013
11701	SHIRAZ	9008	63 07 12	17 43 41.79	15 14 30	33 13				434013
11709	SFERNNDO	9004	63 07 12	21 20 16.03	17 21 48	10 51				434013
11704	V.DLORES	9011	63 07 12	22 46 00.56	10 51 12	16 02				434013
11710	SFERNNDO	9004	63 07 12	23 13 39.86	14 15 42	62 57				434013
11702	CURACAO	9009	63 07 13	0 48 21.37	13 06 42	23 38				434013
11711	SFERNNDO	9004	63 07 13	1 08 25.75	11 05 54	79 02				434013
11712	SFERNNDO	9004	63 07 13	3 03 48.03	3 09 00	75 49				434013
11722	MAUI,HA	9012	63 07 13	6 12 58.26	15 48 48	- 1 03				434013
30115	WALNUTCK	8535	63 07 13	6 24 56.68	17 43 43	66 40				845014
11723	MAUI,HA	9012	63 07 13	8 06 43.32	12 02 06	50 38				434013
11697	TOKYO	9005	63 07 13	11 44 00.00	17 12 42	27 30				434013
11724	MAUI,HA	9012	63 07 13	13 56 35.04	4 54 18	61 58				434013
11699	AREQUIPA	9007	63 07 14	0 01 44.80	10 38 30	22 10				434013
11713	SFERNNDO	9004	63 07 14	0 28 39.99	11 59 30	73 28				434013
11714	SFERNNDO	9004	63 07 14	2 23 56.83	5 05 00	84 02				434013
11692	ORGNPASS	9001	63 07 14	5 46 54.39	12 18 36	61 02				434013
11721	MAUI,HA	9012	63 07 14	7 26 57.35	12 07 36	40 52				434013
11703	JUPITER	9010	63 07 14	7 51 03.50	5 04 54	69 00				434013
11705	SFERNNDO	9004	63 07 14	21 55 24.88	15 15 24	52 20				434013
11706	SFERNNDO	9004	63 07 14	23 50 05.78	11 01 00	80 10				434013
11719	SHIRAZ	9008	63 07 15	0 05 45.13	1 49 00	61 19				434013
11720	JUPITER	9010	63 07 15	1 25 03.26	15 09 06	24 30				434013
30114	S.PTRSBG	8604	63 07 15	1 26 35.8	17 47 15	36 49				845013
11707	SFERNNDO	9004	63 07 15	1 45 40.36	3 37 36	73 16				434013
11708	SFERNNDO	9004	63 07 15	3 39 36.46	0 11 00	55 08				434013
30121	SACMENTO	8517	63 07 15	5 05 48.0			180 00 00	83 16 26		641304
30142	SACMENTO	8616	63 07 15	5 08 27.6	20 13 08	47 55				845013
30143	SACMENTO	8616	63 07 15	7 03 44.59	1 13 01	57 31				845013
30140	TAIPEI	0507	63 07 15	12 14 44.2	16 09 58	66 16				845013
11715	MAINITAL	9006	63 07 15	15 51 45.70	12 41 42	50 38				434013
11716	MAINITAL	9006	63 07 15	19 44 01.35	5 12 48	71 08				434013
11725	SFERNNDO	9004	63 07 15	21 16 35.24	16 04 30	46 01				434013
11726	SFERNNDO	9004	63 07 15	23 10 10.63	12 11 12	71 40				434013
11728	SHIRAZ	9008	63 07 15	23 26 45.86	2 35 12	61 14				434013
11729	CURACAO	9009	63 07 16	0 44 27.73	11 07 18	38 40				434013
30118	SN.ANTON	8634	63 07 16	2 36 41.1	15 34 18	38 08				845013
11727	SFERNNDO	9004	63 07 16	2 59 55.93	23 53 30	69 35				434013
30117	WALNUTCK	8535	63 07 16	4 25 55.18	15 47 16	13 08				845014
30130	WICHITA	8605	63 07 16	4 33 06.83	17 51 50	83 27				845013
30136	WICHITA	8605	63 07 16	4 33 06.85	17 36 21	83 24				845043
30132	WICHITA	8605	63 07 16	4 33 06.90	17 51 45	83 27				845013
30133	WICHITA	8605	63 07 16	4 33 07.09	17 51 57	83 27				845013
11730	MAUI,HA	9012	63 07 16	6 09 09.38	13 10 24	35 09				434013
30120	SACMENTO	8517	63 07 16	6 21 36.7			360 00 00	44 30 36		641304
30147	MIYAZAKI	0230	63 07 16	11 37 06.	14 27 54	40 30				845013
11735	CURACAO	9009	63 07 17	0 05 24.29	11 17 42	35 39				434013
11731	SFERNNDO	9004	63 07 17	0 25 49.86	8 39 48	81 40				434013
11751	SHIRAZ	9008	63 07 17	0 39 14.97	20 30 48	38 08				434013
11732	SFERNNDO	9004	63 07 17	2 21 02.37	1 02 00	70 01				434013
11733	SFERNNDO	9004	63 07 17	4 12 36.20	19 45 12	30 34				434013
11748	MAUI,HA	9012	63 07 17	7 24 11.04	10 36 18	56 21				434013
11736	JUPITER	9010	63 07 17	7 47 46.96	3 01 18	65 12				434013
11734	AREQUIPA	9007	63 07 17	9 53 59.38	4 22 00	26 48				434013
11740	SFERNNDO	9004	63 07 17	21 51 16.76	12 41 54	61 19				434013
11741	SFERNNDO	9004	63 07 17	23 46 45.99	7 44 00	81 50				434013
11744	SHIRAZ	9008	63 07 18	0 01 54.10	22 53 42	37 05				434013
11746	JUPITER	9010	63 07 18	1 21 05.80	12 24 24	48 43				434013
11742	SFERNNDO	9004	63 07 18	1 41 42.77	1 35 54	74 16				434013
30124	N.CANTON	8572	63 07 18	3 15 59.1	13 11 55	50 28				845013
11743	SFERNNDO	9004	63 07 18	3 35 37.23	22 04 36	26 49				434013
30119	SACMENTO	8517	63 07 18	5 02 55.1			360 00 00	59 27 07		641304
11747	JUPITER	9010	63 07 18	7 09 05.46	3 11 06	59 52				434013
11737	JUPITER	9010	63 07 18	9 01 33.73	21 46 06	42 23				434013
11738	JUPITER	9010	63 07 18	9 01 44.93	22 01 48	40 25				434013
11739	JUPITER	9010	63 07 18	9 01 50.53	22 07 48	39 28				434013
11745	CURACAO	9009	63 07 18	9 08 08.60	0 19 24	24 13				434013
11768	SFERNNDO	9004	63 07 18	21 12 37.18	13 31 06	65 18				434013
11769	SFERNNDO	9004	63 07 19	1 02 16.03	2 19 00	78 20				434013
11770	SFERNNDO	9004	63 07 19	2 56 38.30	22 27 42	38 44				434013
11749	OLFSFTN	9002	63 07 19	3 15 30.77	2 51 06	40 26				434013
11750	OLFSFTN	9002	63 07 19	3 21 11.34	5 41 12	- 3 45				434013
30123	SACMENTO	8517	63 07 19	4 23 26.1			360 00 00	71 52 00		641304
11782	MAUI,HA	9012	63 07 19	6 05 12.92	10 48 06	47 31				434013
11752	ORGNPASS	9001	63 07 19	6 20 12.24	8 50 12	75 17				434013
11753	ORGNPASS	9001	63 07 19	8 16 05.70	2 33 00	74 44				434013
11778	CURACAO	9009	63 07 19	8 29 16.92	1 19 00	33 26				434013
11754	ORGNPASS	9001	63 07 19	10 09 53.04	21 31 54	34 29				434013
30170	MIYAZAKI	0230	63 07 19	11 34 06.5	12 22 18	69 28				845013
11776	SHIRAZ	9008	63 07 19	22 43 07.44	23 35 48	65 45				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
11771	SFERNNDO	9004	63 07 20	0 22 20.73	5 50 30	84 43				434013
11779	JUPITER	9010	63 07 20	1 57 01.70	10 07 30	62 10				434013
11780	JUPITER	9010	63 07 20	5 49 13.71	4 11 30	71 56				434013
11767	ORGNPASS	9001	63 07 20	9 30 54.97	22 03 18	47 18				434013
11781	JUPITER	9010	63 07 20	9 37 49.93	21 13 30	-14 26				434013
11774	AREQUIPA	9007	63 07 20	9 49 48.06	2 41 42	12 17				434013
11783	MAUI,HA	9012	63 07 20	13 09 49.76	0 30 36	56 50				434013
11784	MAUI,HA	9012	63 07 20	15 01 28.86	20 05 48	3 56				434013
30171	KAGOSHIM	8626	63 07 20	18 32 41.1	20 37 12	14 12				845013
11772	SFERNNDO	9004	63 07 20	21 48 28.64	10 21 00	77 36				434013
11777	SHIRAZ	9008	63 07 20	22 04 13.48	0 49 30	66 23				434013
11773	SFERNNDO	9004	63 07 20	23 43 34.34	3 49 00	80 41				434013
11765	ORGNPASS	9001	63 07 21	3 10 51.02	23 06 00	67 38				434013
11766	ORGNPASS	9001	63 07 21	5 01 55.30	7 53 36	76 02				434013
11755	JUPITER	9010	63 07 21	7 04 01.15	0 10 00	73 27				434013
11756	JUPITER	9010	63 07 21	7 04 06.75	0 17 30	72 15				434013
11757	JUPITER	9010	63 07 21	7 04 12.35	0 23 30	71 08				434013
11758	JUPITER	9010	63 07 21	7 04 17.95	0 29 06	69 54				434013
11759	JUPITER	9010	63 07 21	7 04 23.55	0 34 12	68 41				434013
30129	WPALMBCH	8632	63 07 21	7 05 16.8			35 00 00	40 48 00		845303
30146	KANCITY	0036	63 07 21	8 56 11.75	22 53 08	-17 38				845013
11760	JUPITER	9010	63 07 21	8 58 40.34	21 11 06	- 5 00				434013
11761	JUPITER	9010	63 07 21	8 58 45.94	21 15 24	- 6 04				434013
11762	JUPITER	9010	63 07 21	8 58 51.54	21 19 24	- 7 07				434013
11763	JUPITER	9010	63 07 21	8 58 57.14	21 23 42	- 8 10				434013
11764	JUPITER	9010	63 07 21	8 59 02.74	21 27 36	- 9 12				434013
11775	AREQUIPA	9007	63 07 21	9 11 32.11	3 24 12	11 59				434013
11785	MAUI,HA	9012	63 07 21	12 30 55.16	1 27 12	57 24				434013
11788	SFERNNDO	9004	63 07 21	21 08 36.31	11 02 12	68 27				434013
11794	SHIRAZ	9008	63 07 21	21 25 24.25	1 33 00	63 11				434013
11789	SFERNNDO	9004	63 07 21	23 04 15.72	4 16 12	80 57				434013
11795	SHIRAZ	9008	63 07 21	23 18 55.06	21 15 24	14 23				434013
11790	SFERNNDO	9004	63 07 22	0 58 07.77	21 55 30	78 12				434013
11791	SFERNNDO	9004	63 07 22	2 52 05.50	20 18 24	13 10				434013
11786	ORGNPASS	9001	63 07 22	4 21 51.19	9 09 12	70 30				434013
11792	MAINITAL	9006	63 07 22	18 57 31.68	2 19 36	72 42				434013
11787	WOOMERA	9003	63 07 22	19 28 32.50	5 34 06	-12 30				434013
11793	MAINITAL	9006	63 07 22	20 49 17.02	18 07 00	50 53				434013
11796	SFERNNDO	9004	63 07 22	22 24 12.94	8 11 48	80 01				434013
11797	SFERNNDO	9004	63 07 23	0 19 09.07	23 40 30	79 01				434013
30152	WICHITA	8605	63 07 23	3 46 24.69	4 46 05	84 35				845013
30155	WICHITA	8605	63 07 23	3 46 24.91	4 46 19	84 36				845013
11800	ORGNPASS	9001	63 07 23	7 32 32.07	23 07 30	81 20				434013
11798	AREQUIPA	9007	63 07 23	9 44 12.51	22 47 48	1 29				434013
11799	V.DLORES	9011	63 07 23	9 49 56.69	1 43 42	- 5 02				434013
11806	MAUI,HA	9012	63 07 23	11 10 40.41	2 55 30	77 18				434013
11803	MAINITAL	9006	63 07 23	18 18 46.47	2 15 24	67 24				434013
11809	SHIRAZ	9008	63 07 23	20 06 42.58	2 08 24	67 04				434013
11804	SFERNNDO	9004	63 07 23	21 45 14.78	7 04 00	81 14				434013
11805	SFERNNDO	9004	63 07 23	23 40 22.48	0 40 30	74 29				434013
11801	OLFSFTN	9002	63 07 24	1 52 56.07	1 15 30	41 46				434013
11802	OLFSFTN	9002	63 07 24	1 59 30.55	4 46 30	- 9 58				434013
11807	ORGNPASS	9001	63 07 24	4 58 22.97	6 52 00	76 39				434013
30162	HARTSVLE	8559	63 07 24	5 05 51.46	22 31 26	50 48				845014
11811	MAUI,HA	9012	63 07 24	10 31 53.68	2 54 00	71 43				434013
11808	MAINITAL	9006	63 07 24	17 38 49.68	3 01 48	72 59				434013
30149	TOWNSVIL	8578	63 07 24	18 06 09.8	2 16 00	3 00				845013
11827	SHIRAZ	9008	63 07 24	21 17 57.87	15 20 42	66 46				434013
11813	SFERNNDO	9004	63 07 25	0 52 20.24	15 56 00	58 16				434013
11812	OLFSFTN	9002	63 07 25	1 17 41.79	3 10 12	16 33				434013
11819	ORGNPASS	9001	63 07 25	4 19 14.16	6 19 54	76 32				434013
11824	JUPITER	9010	63 07 25	4 27 26.25	2 32 42	69 27				434013
11814	JUPITER	9010	63 07 25	6 21 45.73	22 22 00	55 30				434013
11815	JUPITER	9010	63 07 25	6 21 51.33	22 28 30	54 12				434013
11816	JUPITER	9010	63 07 25	6 21 56.93	22 35 06	52 48				434013
11817	JUPITER	9010	63 07 25	6 22 08.13	22 46 54	50 06				434013
11839	V.DLORES	9011	63 07 25	8 33 22.37	3 13 18	0 11				434013
11823	AREQUIPA	9007	63 07 25	10 21 13.10	20 57 18	-48 53				434023
11822	MAINITAL	9006	63 07 25	16 59 27.95	3 09 00	72 57				434013
11837	SHIRAZ	9008	63 07 25	18 47 21.31	3 07 00	73 17				434013
11821	WOOMERA	9003	63 07 25	19 18 03.32	0 07 06	20 56				434013
11838	SHIRAZ	9008	63 07 25	20 38 57.30	14 11 00	73 36				434013
11831	SFERNNDO	9004	63 07 25	22 21 41.01	1 43 54	78 04				434013
11832	SFERNNDO	9004	63 07 26	0 13 21.67	15 11 00	66 26				434013
11825	OLFSFTN	9002	63 07 26	2 29 56.28	0 10 36	- 2 41				434013
11840	V.DLORES	9011	63 07 26	7 55 23.82	3 39 42	- 0 39				434013
11826	AREQUIPA	9007	63 07 26	9 44 54.93	23 16 48	-80 12				434023
11842	TOKYO	9005	63 07 26	12 46 03.10	0 47 42	70 00				434013
11830	WOOMERA	9003	63 07 26	18 41 56.30	2 31 42	1 14				434013
11833	SFERNNDO	9004	63 07 26	21 42 26.37	1 54 18	78 13				434013
11828	OLFSFTN	9002	63 07 27	1 54 01.25	3 28 24	-25 58				434023
11829	OLFSFTN	9002	63 07 27	3 42 04.12	20 50 48	-19 12				434013
11843	SHIRAZ	9008	63 07 27	19 21 47.69	5 41 18	86 36				434013
11835	SFERNNDO	9004	63 07 27	22 56 13.59	17 40 36	85 11				434013
11836	SFERNNDO	9004	63 07 28	0 47 35.54	15 46 18	36 39				434013

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11849	JUPITER	9010	63 07 28	4 21 53.77	7 19 00	86 48				434013
11844	JUPITER	9010	63 07 28	6 15 31.00	17 22 48	40 41				434013
11845	JUPITER	9010	63 07 28	6 15 36.60	17 27 06	40 19				434013
11846	JUPITER	9010	63 07 28	6 15 42.20	17 32 42	39 55				434013
11847	JUPITER	9010	63 07 28	6 15 47.80	17 38 18	39 25				434013
11848	JUPITER	9010	63 07 28	6 15 53.40	17 44 24	38 58				434013
11850	V.DLORES	9011	63 07 28	8 31 04.53	4 16 36	-42 18				434023
11853	MAUI,HA	9012	63 07 28	9 46 52.03	8 54 00	85 36				434013
11851	V.DLORES	9011	63 07 28	10 17 44.61	20 51 24	-17 25				434013
11868	TOKYO	9005	63 07 28	13 19 34.70	15 34 00	81 32				434013
11841	OLFSFTN	9002	63 07 29	2 29 19.16	2 37 48	-75 01				434023
11865	MAUI,HA	9012	63 07 29	9 09 20.21	1 53 48	75 29				434013
11852	V.DLORES	9011	63 07 29	9 43 46.49	21 27 12	-74 52				434023
11872	TOKYO	9005	63 07 29	12 41 33.20	22 30 48	77 57				434013
11858	NAINITAL	9006	63 07 29	16 17 20.68	1 03 36	67 35				434013
11854	WOOMERA	9003	63 07 29	18 40 31.09	4 30 48	-47 15				434023
11855	WOOMERA	9003	63 07 29	20 28 27.30	20 29 30	-33 37				434023
11867	WOOMERA	9003	63 07 29	20 34 56.07	10 29 00	-71 11				434023
11856	SFERNNDO	9004	63 07 29	23 30 12.32	15 04 54	55 15				434013
30166	MADISON	0148	63 07 30	3 01 32.9	19 22 33	71 48				845013
30164	N.CANTON	8572	63 07 30	3 04 29.8	21 24 15	54 46				845013
11869	JUPITER	9010	63 07 30	3 05 01.23	1 31 00	71 53				434013
30163	HARTSVLE	8559	63 07 30	3 06 41.35	22 21 23	26 16				845014
11859	OLFSFTN	9002	63 07 30	3 40 56.15	19 39 24	-52 48				434023
30165	N.CANTON	8572	63 07 30	4 55 23.8	16 44 00	26 25				845013
11860	JUPITER	9010	63 07 30	5 00 41.81	21 53 24	34 12				434013
11861	JUPITER	9010	63 07 30	5 00 47.41	21 57 36	32 42				434013
11862	JUPITER	9010	63 07 30	5 00 53.01	22 01 30	31 14				434013
11863	JUPITER	9010	63 07 30	5 00 58.61	22 05 30	29 45				434013
11864	JUPITER	9010	63 07 30	5 01 04.21	22 09 12	28 17				434013
11870	SHIRAZ	9008	63 07 30	19 16 43.35	13 26 00	71 15				434013
11871	SFERNNDO	9004	63 07 30	22 50 54.26	13 53 54	62 16				434013
11866	OLFSFTN	9002	63 07 31	3 03 28.72	19 00 36	-69 58				434023
11873	JUPITER	9010	63 07 31	4 17 17.18	14 07 24	72 39				434013
11921	V.DLORES	9011	63 07 31	8 28 26.68	6 34 24	-62 54				434023
11875	SFERNNDO	9004	63 07 31	22 12 49.24	15 08 54	75 26				434013
11876	SFERNNDO	9004	63 08 01	0 03 49.89	14 57 42	26 46				434013
11874	OLFSFTN	9002	63 08 01	2 26 33.68	10 18 00	-83 17				434023
11877	ORGNPASS	9001	63 08 01	5 25 12.13	13 22 00	65 37				434013
11922	V.DLORES	9011	63 08 01	9 40 48.73	16 36 00	-79 48				434023
11878	SFERNNDO	9004	63 08 01	21 34 01.10	16 13 06	83 01				434013
11895	JUPITER	9010	63 08 02	3 00 15.62	23 54 00	86 04				434013
30168	HARTSVLE	8559	63 08 02	3 01 23.06	20 19 35	26 12				845014
11879	JUPITER	9010	63 08 02	4 54 37.78	17 26 12	26 42				434013
11880	JUPITER	9010	63 08 02	4 54 43.38	17 31 48	25 49				434013
11881	JUPITER	9010	63 08 02	4 54 48.98	17 37 00	24 55				434013
11882	JUPITER	9010	63 08 02	4 54 54.58	17 42 30	23 59				434013
11883	JUPITER	9010	63 08 02	4 55 00.18	17 47 48	23 05				434013
11903	MAUI,HA	9012	63 08 02	8 25 25.52	1 05 00	87 12				434013
11923	V.DLORES	9011	63 08 02	9 02 28.69	11 38 00	-82 29				434023
11889	WOOMERA	9003	63 08 02	19 48 50.60	18 13 18	-70 40				434023
11890	WOOMERA	9003	63 08 02	19 51 43.88	10 55 48	-72 49				434023
11891	SFERNNDO	9004	63 08 02	20 55 53.50	21 38 00	75 29				434013
11892	SFERNNDO	9004	63 08 02	22 46 44.85	14 26 30	41 58				434013
11896	JUPITER	9010	63 08 03	4 15 48.81	17 50 36	39 35				434013
11897	JUPITER	9010	63 08 03	4 15 54.41	17 57 36	38 45				434013
11898	JUPITER	9010	63 08 03	4 16 00.01	18 04 30	37 45				434013
11899	JUPITER	9010	63 08 03	4 16 05.61	18 11 36	36 45				434013
11900	JUPITER	9010	63 08 03	4 16 11.21	18 18 18	35 38				434013
11884	ORGNPASS	9001	63 08 03	6 01 08.81	15 32 54	32 50				434013
11885	ORGNPASS	9001	63 08 03	6 01 14.41	15 38 06	32 27				434013
11886	ORGNPASS	9001	63 08 03	6 01 20.01	15 43 18	32 01				434013
11887	ORGNPASS	9001	63 08 03	6 01 25.61	15 48 42	31 35				434013
11888	ORGNPASS	9001	63 08 03	6 01 31.21	15 53 12	31 09				434013
11904	MAUI,HA	9012	63 08 03	7 47 24.19	0 16 00	74 25				434013
11894	SHIRAZ	9008	63 08 03	18 34 04.26	14 13 00	62 31				434013
11893	SFERNNDO	9004	63 08 03	22 08 40.38	15 01 54	52 12				434013
11905	SFERNNDO	9004	63 08 04	21 30 26.45	16 22 48	61 58				434013
30173	N.CANTON	8572	63 08 05	2 54 55.4	16 11 34	28 02				845013
11906	SFERNNDO	9004	63 08 05	20 52 09.42	18 37 48	64 00				434013
11907	SFERNNDO	9004	63 08 05	22 42 19.63	14 22 06	21 41				434013
11908	JUPITER	9010	63 08 06	2 20 42.63	21 35 06	39 04				434013
11909	JUPITER	9010	63 08 06	2 20 48.23	21 36 48	37 46				434013
11910	JUPITER	9010	63 08 06	2 20 53.83	21 38 24	36 22				434013
11911	JUPITER	9010	63 08 06	2 20 59.43	21 40 00	35 07				434013
11912	JUPITER	9010	63 08 06	2 21 05.03	21 41 30	33 50				434013
30175	SN.ANTON	8634	63 08 06	4 08 43.56	18 46 51	38 32				845013
11924	MAUI,HA	9012	63 08 06	7 42 10.70	14 40 30	82 25				434013
11937	TOKYO	9005	63 08 06	11 15 33.30	17 32 54	62 16				434013
11925	SFERNNDO	9004	63 08 06	22 04 17.03	14 35 06	26 28				434013
30176	SN.ANTON	8634	63 08 07	3 29 42.85	19 32 31	48 04				845013
11916	JUPITER	9010	63 08 07	3 33 23.18	17 02 18	10 46				434013

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11917	JUPITER	9010	63 08 07	3 33 28.78	17 06 54	9 42				434013
11918	JUPITER	9010	63 08 07	3 33 34.38	17 12 18	8 29				434013
11919	JUPITER	9010	63 08 07	3 33 39.98	17 17 12	7 21				434013
11920	JUPITER	9010	63 08 07	3 33 45.58	17 22 06	6 14				434013
11932	MAUI, HA	9012	63 08 07	7 03 53.03	21 36 00	82 26				434013
11931	V.DLORES	9011	63 08 07	9 33 50.25	13 58 24	-74 53				434023
11938	TOKYO	9005	63 08 07	12 28 02.30	14 43 00	19 39				434013
11933	SFERNNDO	9004	63 08 07	21 25 55.60	14 51 36	34 15				434013
11940	JUPITER	9010	63 08 08	1 01 12.55	21 59 36	59 30				434013
30187	MADISON	8654	63 08 08	2 49 33.	15 58 42	8 36				845013
11926	JUPITER	9010	63 08 08	2 55 08.25	18 05 12	14 20				434013
11927	JUPITER	9010	63 08 08	2 55 13.85	18 10 24	13 01				434013
11928	JUPITER	9010	63 08 08	2 55 19.45	18 15 24	11 44				434013
11929	JUPITER	9010	63 08 08	2 55 25.05	18 20 36	10 24				434013
11930	JUPITER	9010	63 08 08	2 55 30.65	18 25 36	9 07				434013
11935	ORGNPASS	9001	63 08 08	4 38 39.11	14 13 18	29 38				434013
11946	MAUI, HA	9012	63 08 08	6 26 38.17	22 20 36	61 26				434013
11934	V.DLORES	9011	63 08 08	8 54 20.75	14 24 36	-74 58				434023
11939	TOKYO	9005	63 08 08	11 49 45.80	15 00 42	25 30				434013
11956	SHIRAZ	9008	63 08 08	17 13 15.29	15 24 06	57 51				434013
11936	WOOMERA	9003	63 08 08	19 42 08.06	15 26 00	-72 52				434023
11947	SFERNNDO	9004	63 08 08	20 47 55.84	16 07 12	40 00				434013
11948	SFERNNDO	9004	63 08 08	22 39 44.73	15 04 24	-3 06				434013
30178	N.CANTON	8565	63 08 09	2 15 07.4	17 58 56	-14 59				845013
30177	N.CANTON	8572	63 08 09	2 15 34.9	18 15 05	-17 18				845013
11941	JUPITER	9010	63 08 09	2 16 53.32	19 19 12	15 43				434013
11942	JUPITER	9010	63 08 09	2 16 58.92	19 23 18	14 22				434013
11943	JUPITER	9010	63 08 09	2 17 04.52	19 27 12	12 59				434013
11944	JUPITER	9010	63 08 09	2 17 10.12	19 30 54	11 39				434013
11945	JUPITER	9010	63 08 09	2 17 15.72	19 34 36	10 22				434013
11949	ORGNPASS	9001	63 08 09	3 59 51.40	13 58 30	39 58				434013
11973	MAUI, HA	9012	63 08 09	7 38 06.61	14 10 18	57 52				434013
11954	TOKYO	9005	63 08 09	11 11 09.80	15 19 00	35 00				434013
11957	SHIRAZ	9008	63 08 09	16 35 28.02	18 17 18	57 54				434013
11950	WOOMERA	9003	63 08 09	19 04 06.16	12 33 54	-74 11				434023
11958	CURACAO	9009	63 08 10	1 38 38.39	16 02 48	71 04				434013
11959	CURACAO	9009	63 08 10	1 38 43.99	16 12 00	70 51				434013
11961	CURACAO	9009	63 08 10	1 38 55.19	16 33 36	70 16				434013
11962	CURACAO	9009	63 08 10	1 39 00.79	16 43 24	69 56				434013
11974	MAUI, HA	9012	63 08 10	6 59 50.61	15 19 30	69 16				434013
11955	TOKYO	9005	63 08 10	12 24 34.40	14 47 12	-2 48				434013
11951	WOOMERA	9003	63 08 10	20 17 02.26	16 48 24	-72 27				434023
11952	WOOMERA	9003	63 08 10	20 21 16.38	9 40 30	-56 25				434023
30182	EDINBURG	0066	63 08 11	2 46 45.6			0 00 00	70 30 00		845303
30183	EDINBURG	0066	63 08 11	2 46 45.7			0 00 00	70 30 00		845303
30184	EDINBURG	0066	63 08 11	2 46 48.15	17 29 30	45 25				845013
11963	JUPITER	9010	63 08 11	2 49 38.26	15 21 06	1 22				434013
11964	JUPITER	9010	63 08 11	2 49 43.86	15 24 36	0 30				434013
11967	JUPITER	9010	63 08 11	2 50 00.66	15 35 12	-2 12				434013
11995	SHIRAZ	9008	63 08 11	17 09 05.09	14 22 18	25 06				434013
11953	WOOMERA	9003	63 08 11	19 38 33.43	14 56 48	-74 46				434023
11975	CURACAO	9009	63 08 12	0 22 17.34	20 51 42	64 27				434013
11968	JUPITER	9010	63 08 12	2 12 19.26	16 36 54	-7 15				434013
11969	JUPITER	9010	63 08 12	2 12 24.86	16 41 18	-8 20				434013
11970	JUPITER	9010	63 08 12	2 12 30.46	16 45 30	-9 25				434013
11971	JUPITER	9010	63 08 12	2 12 36.06	16 49 48	-10 25				434013
11972	JUPITER	9010	63 08 12	2 12 41.66	16 54 00	-11 28				434013
11987	MAUI, HA	9012	63 08 12	5 46 58.00	21 05 54	20 49				434013
11988	MAUI, HA	9012	63 08 12	7 34 11.41	13 55 12	27 45				434013
11976	V.DLORES	9011	63 08 12	10 04 46.42	17 20 00	-80 05				434023
11990	TOKYO	9005	63 08 12	11 07 45.80	15 02 30	1 21				434013
11979	SHIRAZ	9008	63 08 12	16 31 54.48	16 14 24	20 38				434013
11980	CURACAO	9009	63 08 12	23 44 55.66	21 23 24	46 39				434013
11982	JUPITER	9010	63 08 13	1 33 19.59	16 59 48	3 20				434013
11983	JUPITER	9010	63 08 13	1 33 25.19	17 04 18	2 08				434013
11984	JUPITER	9010	63 08 13	1 33 30.79	17 09 12	0 55				434013
11985	JUPITER	9010	63 08 13	1 33 36.39	17 13 48	-0 17				434013
11986	JUPITER	9010	63 08 13	1 33 41.99	17 18 24	-1 29				434013
11981	CURACAO	9009	63 08 13	1 34 22.99	14 16 48	42 24				434013
11977	ORGNPASS	9001	63 08 13	3 18 38.70	14 53 48	9 31				434013
11991	CURACAO	9009	63 08 14	0 56 07.84	14 58 54	52 43				434013
11978	OLFSFTN	9002	63 08 14	3 26 44.83	12 22 24	-78 14				434023
11989	WOOMERA	9003	63 08 14	19 33 39.00	17 12 36	-70 19				434023
11992	SFERNNDO	9004	63 08 14	20 39 50.87	14 19 12	-9 07				434013
11996	CURACAO	9009	63 08 15	0 18 39.20	17 34 12	52 52				434013
11997	CURACAO	9009	63 08 15	2 09 49.61	14 05 24	3 22				434013
11998	MAUI, HA	9012	63 08 15	5 44 17.76	19 55 00	-12 24				434013
11999	MAUI, HA	9012	63 08 15	7 32 08.20	14 18 54	-8 57				434013
11994	MAINITAL	9006	63 08 15	14 40 09.36	14 53 36	-7 43				434013
11200	SHIRAZ	9008	63 08 15	16 27 14.87	14 20 42	-1 21				434013
11993	WOOMERA	9003	63 08 15	19 00 02.74	8 13 00	-48 30				434023
12001	CURACAO	9009	63 08 15	23 43 21.59	20 20 30	9 37				434013
12050	MAUI, HA	9012	63 08 16	6 53 19.39	14 13 48	-4 15				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
12019	WOONERA	9003	63 08 16	12 33 28.05	20 44 00	1 39				434013
12020	WOONERA	9003	63 08 16	12 33 33.65	20 48 42	0 37				434013
12021	WOONERA	9003	63 08 16	12 33 39.25	20 53 18	- 0 24				434013
12023	WOONERA	9003	63 08 16	12 33 50.45	21 02 42	- 2 26				434013
12024	WOONERA	9003	63 08 16	14 25 19.45	16 45 24	-33 18				434023
12025	WOONERA	9003	63 08 16	14 25 25.05	16 46 24	-34 29				434023
12026	WOONERA	9003	63 08 16	14 25 30.65	16 47 24	-35 41				434023
12027	WOONERA	9003	63 08 16	14 25 36.25	16 48 24	-36 52				434023
12028	WOONERA	9003	63 08 16	14 25 41.85	16 49 30	-38 04				434023
12002	OLFSFTN	9007	63 08 16	19 41 30.37	18 06 06	19 07				434013
12046	JUPITER	9010	63 08 17	0 50 46.65	15 43 24	-17 48				434013
12003	OLFSFTN	9002	63 08 17	3 21 15.38	18 49 12	-75 02				434023
12051	MAUI, HA	9012	63 08 17	6 15 13.56	14 44 36	- 5 25				434013
12047	V.DLORES	9011	63 08 17	8 45 34.87	7 34 48	-62 03				434023
12029	WOONERA	9003	63 08 17	13 46 19.78	16 58 24	-29 05				434023
12030	WOONERA	9003	63 08 17	13 46 25.38	17 00 24	-30 20				434023
12031	WOONERA	9003	63 08 17	13 46 30.98	17 02 18	-31 38				434023
12032	WOONERA	9003	63 08 17	13 46 36.58	17 04 18	-32 57				434023
12033	WOONERA	9003	63 08 17	13 46 42.18	17 06 30	-34 18				434023
12004	OLFSFTN	9002	63 08 17	19 02 19.50	18 26 00	28 44				434013
12005	OLFSFTN	9002	63 08 17	19 02 25.10	18 29 30	27 58				434013
12006	OLFSFTN	9002	63 08 17	19 02 30.70	18 33 24	27 15				434013
12007	OLFSFTN	9002	63 08 17	19 02 36.30	18 36 42	26 31				434013
12008	OLFSFTN	9002	63 08 17	19 02 41.90	18 40 30	25 45				434013
12045	CURACAO	9009	63 08 18	0 15 09.53	15 08 30	11 41				434013
12048	V.DLORES	9011	63 08 18	8 07 08.73	7 30 12	-54 28				434023
12049	V.DLORES	9011	63 08 18	9 58 16.99	1 03 06	-55 12				434023
12040	WOONERA	9003	63 08 18	13 07 08.92	17 12 48	-19 56				434013
12041	WOONERA	9003	63 08 18	13 07 14.52	17 16 42	-21 12				434013
12042	WOONERA	9003	63 08 18	13 07 20.12	17 19 42	-22 32				434013
12043	WOONERA	9003	63 08 18	13 07 25.72	17 22 42	-23 52				434023
12044	WOONERA	9003	63 08 18	13 07 31.32	17 25 48	-25 13				434023
12009	OLFSFTN	9002	63 08 18	18 25 56.42	20 28 54	10 53				434013
12010	OLFSFTN	9002	63 08 18	18 26 07.62	20 35 54	8 59				434013
12011	OLFSFTN	9002	63 08 18	18 26 13.22	20 39 30	8 02				434013
12012	OLFSFTN	9002	63 08 18	18 26 18.82	20 43 12	7 05				434013
12038	WOONERA	9003	63 08 18	18 52 38.85	12 00 00	-84 57				434023
12039	WOONERA	9003	63 08 18	18 58 36.91	7 12 24	-20 45				434013
50020	JH8G-MT	4401	63 08 18	20 17 47.80	16 16 00	-30 36				421028
12013	OLFSFTN	9002	63 08 18	20 17 47.83	16 11 18	-29 34				434023
12014	OLFSFTN	9002	63 08 18	20 17 53.43	16 12 48	-30 48				434023
50022	JH8G-MT	4401	63 08 18	20 17 59.00	16 19 48	-33 14				421028
12015	OLFSFTN	9002	63 08 18	20 17 59.03	16 14 30	-32 05				434023
50023	JH8G-MT	4401	63 08 18	20 18 04.60	16 21 18	-34 32				421028
12016	OLFSFTN	9002	63 08 18	20 18 04.63	16 16 12	-33 23				434023
50024	JH8G-MT	4401	63 08 18	20 18 10.20	16 23 12	-35 54				421028
12017	OLFSFTN	9002	63 08 18	20 18 10.23	16 17 54	-34 41				434023
12074	V.DLORES	9011	63 08 19	1 39 11.93	17 57 12	12 49				434013
12075	V.DLORES	9011	63 08 19	1 39 17.53	18 00 42	12 01				434013
12076	V.DLORES	9011	63 08 19	1 39 23.13	18 04 12	11 11				434013
12077	V.DLORES	9011	63 08 19	1 39 28.73	18 07 36	10 20				434013
12078	V.DLORES	9011	63 08 19	1 39 34.33	18 11 18	9 27				434013
12018	OLFSFTN	9002	63 08 19	2 04 44.19	11 01 00	-79 24				434023
12079	OLFSFTN	9002	63 08 19	17 44 27.28	19 10 00	37 00				434013
12062	WOONERA	9003	63 08 19	18 16 02.22	7 20 48	-58 04				434023
12063	WOONERA	9003	63 08 19	18 18 08.29	7 03 06	-36 18				434023
12052	OLFSFTN	9002	63 08 19	19 38 36.97	16 27 54	-20 36				434013
12053	OLFSFTN	9002	63 08 19	19 38 42.57	16 31 36	-21 59				434013
12054	OLFSFTN	9002	63 08 19	19 38 48.17	16 34 18	-23 20				434023
12055	OLFSFTN	9002	63 08 19	19 38 53.77	16 37 00	-24 41				434023
12056	OLFSFTN	9002	63 08 19	19 38 59.37	16 39 54	-26 04				434023
12069	WOONERA	9003	63 08 19	20 06 34.82	23 07 12	-57 43				434023
12070	WOONERA	9003	63 08 19	20 06 40.42	23 16 00	-57 47				434023
12071	WOONERA	9003	63 08 19	20 06 46.02	23 25 18	-57 47				434023
12072	WOONERA	9003	63 08 19	20 06 51.62	23 34 36	-57 45				434023
12073	WOONERA	9003	63 08 19	20 06 57.22	23 44 18	-57 41				434023
12064	WOONERA	9003	63 08 19	20 12 10.39	5 42 42	4 15				434013
12065	WOONERA	9003	63 08 19	20 12 15.99	5 45 06	5 07				434013
12066	WOONERA	9003	63 08 19	20 12 21.59	5 47 24	5 58				434013
12067	WOONERA	9003	63 08 19	20 12 27.19	5 49 36	6 47				434013
12068	WOONERA	9003	63 08 19	20 12 32.79	5 51 48	7 36				434013
12081	V.DLORES	9011	63 08 20	1 00 01.07	18 10 30	22 10				434013
12082	V.DLORES	9011	63 08 20	1 00 06.67	18 14 00	21 26				434013
12083	V.DLORES	9011	63 08 20	1 00 12.27	18 17 18	20 45				434013
12084	V.DLORES	9011	63 08 20	1 00 17.87	18 21 06	19 58				434013
12085	V.DLORES	9011	63 08 20	1 00 23.47	18 25 12	19 13				434013
12080	OLFSFTN	9002	63 08 20	1 27 53.42	8 00 18	-60 07				434023
12057	OLFSFTN	9002	63 08 20	3 19 50.32	1 41 18	-69 08				434023
12058	OLFSFTN	9002	63 08 20	3 19 55.92	1 55 36	-68 39				434023
12059	OLFSFTN	9002	63 08 20	3 20 01.52	2 09 06	-68 00				434023
12060	OLFSFTN	9002	63 08 20	3 20 07.12	2 22 54	-67 21				434023
12061	OLFSFTN	9002	63 08 20	3 20 12.72	2 35 30	-66 31				434023
12098	MAUI, HA	9012	63 08 20	6 10 47.88	13 27 24	-18 04				434013
12093	WOONERA	9003	63 08 20	11 48 47.21	17 49 48	3 49				434013
12094	WOONERA	9003	63 08 20	11 48 52.81	17 53 36	2 48				434013
12095	WOONERA	9003	63 08 20	11 48 58.41	17 57 42	1 44				434013
12096	WOONERA	9003	63 08 20	11 49 04.01	18 01 54	0 43				434013
12097	WOONERA	9003	63 08 20	11 49 09.61	18 05 36	- 0 26				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
12091	OLFSFTN	9002	63 08 20	17 05 35.07	19 22 48	38 13				434013
12092	OLFSFTN	9002	63 08 20	17 07 58.65	20 25 42	20 45				434013
12086	OLFSFTN	9002	63 08 20	18 59 26.11	16 50 48	- 8 38				434013
12087	OLFSFTN	9002	63 08 20	18 59 31.61	16 54 18	- 9 56				434013
12088	OLFSFTN	9002	63 08 20	18 59 37.21	16 57 48	-11 16				434013
12089	OLFSFTN	9002	63 08 20	18 59 42.81	17 01 18	-12 37				434013
12090	OLFSFTN	9002	63 08 20	18 59 48.41	17 04 54	-13 58				434013
12099	CURACAO	9009	63 08 21	0 11 59.44	13 57 18	-22 42				434013
12100	OLFSFTN	9002	63 08 21	18 19 28.04	16 45 30	13 18				434013
12103	WOOMERA	9003	63 08 21	18 49 42.41	3 02 24	-75 21				434023
12104	AREQUIPA	9007	63 08 21	23 39 19.94	18 59 48	18 25				434013
12101	OLFSFTN	9002	63 08 22	2 01 59.19	5 47 48	-76 38				434023
12102	OLFSFTN	9002	63 08 22	2 07 35.52	6 42 12	- 8 04				434013
12105	AREQUIPA	9007	63 08 22	9 19 01.11	6 36 00	-46 00				434023
12114	WOOMERA	9003	63 08 22	12 25 04.68	15 55 36	-44 37				434023
12115	WOOMERA	9003	63 08 22	12 25 10.28	15 57 48	-45 59				434023
12116	WOOMERA	9003	63 08 22	12 25 15.88	16 00 24	-47 27				434023
12117	WOOMERA	9003	63 08 22	12 25 21.48	16 02 54	-48 51				434023
12118	WOOMERA	9003	63 08 22	12 25 27.08	16 05 48	-50 23				434023
12106	OLFSFTN	9002	63 08 22	17 41 04.40	17 37 54	16 51				434013
12107	OLFSFTN	9002	63 08 22	17 41 10.00	17 41 42	15 51				434013
12108	OLFSFTN	9002	63 08 22	17 41 15.60	17 45 36	14 54				434013
12109	OLFSFTN	9002	63 08 22	17 41 21.20	17 49 48	13 55				434013
12110	OLFSFTN	9002	63 08 22	17 41 26.80	17 53 54	12 54				434013
12111	OLFSFTN	9002	63 08 22	17 43 36.56	19 40 30	-13 21				434013
12119	WOOMERA	9003	63 08 22	18 11 50.03	5 30 36	-60 33				434023
12120	WOOMERA	9003	63 08 22	18 11 55.63	5 32 00	-59 10				434023
12121	WOOMERA	9003	63 08 22	18 12 01.23	5 33 24	-57 47				434023
12122	WOOMERA	9003	63 08 22	18 12 06.83	5 34 42	-56 23				434023
12123	WOOMERA	9003	63 08 22	18 12 12.43	5 35 54	-54 59				434023
12113	WOOMERA	9003	63 08 22	18 13 24.49	5 48 42	-37 53				434023
12124	WOOMERA	9003	63 08 22	20 03 41.44	0 00 06	-19 04				434013
12125	WOOMERA	9003	63 08 22	20 03 47.04	0 05 24	-18 12				434013
12126	WOOMERA	9003	63 08 22	20 03 52.64	0 10 24	-17 21				434013
12130	V.DLORES	9011	63 08 22	23 04 41.83	19 34 00	23 57				434013
12128	AREQUIPA	9007	63 08 23	0 52 13.97	14 41 36	-16 49				434013
12112	OLFSFTN	9002	63 08 23	1 25 13.50	6 28 00	-46 40				434023
12129	AREQUIPA	9007	63 08 23	8 40 42.32	6 51 36	-39 04				434023
12137	WOOMERA	9003	63 08 23	9 49 16.92	17 18 00	40 59				434013
12138	WOOMERA	9003	63 08 23	9 54 28.87	20 19 48	2 42				434013
12139	WOOMERA	9003	63 08 23	11 42 47.77	15 08 00	- 0 29				434013
12131	OLFSFTN	9002	63 08 23	17 06 56.51	21 19 48	-21 26				434013
12144	AREQUIPA	9007	63 08 24	0 13 59.35	15 31 42	-19 03				434013
12132	OLFSFTN	9002	63 08 24	2 38 35.95	2 24 42	-28 49				434023
12145	AREQUIPA	9007	63 08 24	8 02 03.82	6 49 30	-36 54				434023
12148	V.DLORES	9011	63 08 24	9 51 24.49	0 14 42	12 35				434013
12133	OLFSFTN	9002	63 08 24	18 18 42.28	16 31 48	-58 23				434023
12140	WOOMERA	9003	63 08 25	10 30 05.25	20 04 12	-43 08				434023
12134	OLFSFTN	9002	63 08 25	17 41 57.98	21 24 36	-63 23				434023
12141	WOOMERA	9003	63 08 25	18 11 41.79	4 45 54	4 22				434013
12142	WOOMERA	9003	63 08 25	19 59 30.14	23 16 30	3 04				434013
12143	WOOMERA	9003	63 08 25	20 03 56.96	1 47 06	37 39				434013
12149	V.DLORES	9011	63 08 25	23 01 14.17	18 46 06	4 10				434013
12135	OLFSFTN	9002	63 08 26	1 23 41.14	5 15 36	- 5 42				434013
12136	OLFSFTN	9002	63 08 26	3 11 39.79	23 07 54	- 4 34				434013
30188	CAPETOWN	0402	63 08 26	18 52 51.7			217 13 00	65 02 00		845303
12150	OLFSFTN	9002	63 08 26	18 54 07.72	13 04 30	-65 36				434023
12152	OLFSFTN	9002	63 08 27	2 33 45.58	23 40 42	- 3 53				434013
12153	OLFSFTN	9002	63 08 27	2 33 51.18	23 45 00	- 2 50				434013
12154	OLFSFTN	9002	63 08 27	2 33 56.78	23 49 18	- 1 47				434013
12155	OLFSFTN	9002	63 08 27	2 34 02.38	23 53 36	- 0 46				434013
12156	OLFSFTN	9002	63 08 27	2 34 07.98	23 57 48	0 15				434013
12151	OLFSFTN	9002	63 08 27	2 35 48.97	1 14 12	19 28				434013
12158	V.DLORES	9011	63 08 27	7 52 44.28	22 22 12	-30 30				434023
12159	V.DLORES	9011	63 08 27	7 52 49.88	22 28 00	-29 54				434023
12160	V.DLORES	9011	63 08 27	7 52 55.48	22 33 42	-29 17				434023
12157	AREQUIPA	9007	63 08 27	9 50 36.01	0 52 48	23 15				434013
12166	WOOMERA	9003	63 08 27	11 02 42.47	14 28 12	-43 50				434023
12167	WOOMERA	9003	63 08 27	11 02 48.07	14 29 48	-45 06				434023
12168	WOOMERA	9003	63 08 27	11 02 53.67	14 31 36	-46 29				434023
12169	WOOMERA	9003	63 08 27	11 02 59.27	14 33 18	-47 47				434023
12170	WOOMERA	9003	63 08 27	11 03 04.87	14 35 06	-49 05				434023
12176	WOOMERA	9003	63 08 27	11 05 09.33	16 26 00	-78 12				434023
12171	WOOMERA	9003	63 08 27	16 49 27.82	3 47 24	-63 48				434023
12172	WOOMERA	9003	63 08 27	16 49 33.42	3 51 30	-62 16				434023
12173	WOOMERA	9003	63 08 27	16 49 39.02	3 54 06	-60 52				434023
12174	WOOMERA	9003	63 08 27	16 49 44.62	3 57 00	-59 25				434023
12175	WOOMERA	9003	63 08 27	16 49 50.22	3 59 36	-57 58				434023
12179	V.DLORES	9011	63 08 27	23 35 28.36	15 49 12	-25 46				434023
12162	OLFSFTN	9002	63 08 28	1 54 40.33	23 38 54	-17 39				434013
12163	OLFSFTN	9002	63 08 28	1 54 45.93	23 44 18	-16 35				434013
12164	OLFSFTN	9002	63 08 28	1 54 51.53	23 49 48	-15 28				434013
12165	OLFSFTN	9002	63 08 28	1 54 57.13	23 55 18	-14 20				434013
12180	V.DLORES	9011	63 08 28	7 16 10.01	1 18 06	-18 28				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
12181	V.DLORES	9011	63 08 28	7 16 15.61	1 23 48	-17 06				434013
12182	V.DLORES	9011	63 08 28	7 16 21.21	1 29 36	-15 43				434013
12183	V.DLORES	9011	63 08 28	7 16 26.81	1 35 12	-14 22				434013
12184	V.DLORES	9011	63 08 28	7 16 32.41	1 40 24	-13 03				434013
12178	AREQUIPA	9007	63 08 28	9 13 06.01	2 26 54	33 00				434013
12185	OLFSFTN	9002	63 08 29	1 15 23.87	23 35 00	-36 20				434023
12186	OLFSFTN	9002	63 08 29	1 15 29.47	23 42 06	-35 20				434023
12187	OLFSFTN	9002	63 08 29	1 15 35.07	23 49 12	-34 20				434023
12188	OLFSFTN	9002	63 08 29	1 15 40.67	23 56 00	-33 15				434023
12189	OLFSFTN	9002	63 08 29	1 15 46.27	0 02 54	-32 08				434023
12190	AREQUIPA	9007	63 08 29	8 35 41.08	4 08 00	35 54				434013
12192	WOOMERA	9003	63 08 29	9 44 20.76	15 10 00	-28 02				434023
12193	WOOMERA	9003	63 08 29	9 44 26.36	15 13 54	-29 27				434023
12194	WOOMERA	9003	63 08 29	9 44 31.96	15 17 54	-30 52				434023
12195	WOOMERA	9003	63 08 29	9 44 37.56	15 22 12	-32 18				434023
12196	WOOMERA	9003	63 08 29	9 44 43.16	15 26 24	-33 45				434023
12197	WOOMERA	9003	63 08 29	17 22 57.51	21 50 00	-45 14				434023
12198	WOOMERA	9003	63 08 29	17 23 03.11	21 57 48	-44 49				434023
12199	WOOMERA	9003	63 08 29	17 23 08.71	22 05 24	-44 20				434023
12200	WOOMERA	9003	63 08 29	17 23 14.31	22 13 18	-43 49				434023
12201	WOOMERA	9003	63 08 29	17 23 19.91	22 21 18	-43 16				434023
12202	SHIRAZ	9008	63 08 30	0 55 59.44	6 35 42	-16 31				434013
12220	JUPITER	9010	63 08 30	9 54 47.39	6 01 30	-16 20				434013
12219	WOOMERA	9003	63 08 30	11 03 16.34	3 44 00	-78 27				434023
12203	OLFSFTN	9002	63 08 30	23 58 09.27	2 08 06	-51 38				434023
12204	OLFSFTN	9002	63 08 30	23 58 14.87	2 13 42	-50 08				434023
12205	OLFSFTN	9002	63 08 30	23 58 20.47	2 18 54	-48 37				434023
12206	OLFSFTN	9002	63 08 30	23 58 26.07	2 23 54	-47 07				434023
12207	OLFSFTN	9002	63 08 30	23 58 31.67	2 28 18	-45 36				434023
12213	WOOMERA	9003	63 08 31	16 05 42.91	0 01 18	-65 56				434023
12214	WOOMERA	9003	63 08 31	16 05 48.51	0 13 12	-64 55				434023
12215	WOOMERA	9003	63 08 31	16 05 54.11	0 24 54	-63 48				434023
12216	WOOMERA	9003	63 08 31	16 05 59.71	0 35 00	-62 33				434023
12217	WOOMERA	9003	63 08 31	16 06 05.31	0 44 36	-61 25				434023
12232	MAUI, HA	9012	63 09 01	14 00 17.12	5 28 54	-15 26				434013
12208	OLFSFTN	9002	63 09 02	0 35 22.67	0 41 54	21 37				434013
12209	OLFSFTN	9002	63 09 02	0 35 28.27	0 45 54	22 33				434013
12210	OLFSFTN	9002	63 09 02	0 35 33.87	0 50 18	23 28				434013
12211	OLFSFTN	9002	63 09 02	0 35 39.47	0 54 18	24 24				434013
12212	OLFSFTN	9002	63 09 02	0 35 45.07	0 58 18	25 08				434013
12218	SFERNNDO	9004	63 09 02	4 28 01.15	5 53 42	-13 39				434013
12221	JUPITER	9010	63 09 03	9 10 21.22	3 37 36	-20 32				434013
12222	JUPITER	9010	63 09 03	9 10 26.82	3 41 42	-19 35				434013
12223	JUPITER	9010	63 09 03	9 10 32.42	3 46 00	-18 37				434013
12224	JUPITER	9010	63 09 03	9 10 38.02	3 50 24	-17 39				434013
12225	JUPITER	9010	63 09 03	9 10 43.62	3 54 48	-16 40				434013
12279	SHIRAZ	9008	63 09 03	23 34 08.60	5 31 54	-12 28				434013
12231	WOOMERA	9003	63 09 04	9 42 20.74	1 55 00	-68 35				434023
12226	OLFSFTN	9002	63 09 04	22 35 13.50	23 19 36	-58 41				434023
12227	OLFSFTN	9002	63 09 04	22 35 19.10	23 29 18	-57 35				434023
12228	OLFSFTN	9002	63 09 04	22 35 24.70	23 38 06	-56 24				434023
12229	OLFSFTN	9002	63 09 04	22 35 30.30	23 46 54	-55 13				434023
12230	OLFSFTN	9002	63 09 04	22 35 35.90	23 54 48	-54 00				434023
12243	SHIRAZ	9008	63 09 05	0 47 31.09	3 31 18	29 53				434013
12233	SFERNNDO	9004	63 09 05	4 23 35.89	4 42 48	0 20				434013
12244	MAUI, HA	9012	63 09 05	13 19 50.65	6 00 30	24 31				434013
12245	MAUI, HA	9012	63 09 05	15 09 54.44	23 08 48	48 14				434013
12234	OLFSFTN	9002	63 09 05	21 57 32.13	1 42 36	-45 51				434023
12235	OLFSFTN	9002	63 09 05	21 57 37.73	1 45 20	-44 22				434023
12236	OLFSFTN	9002	63 09 05	21 57 43.33	1 48 18	-42 53				434023
12237	OLFSFTN	9002	63 09 05	21 57 48.93	1 51 12	-41 25				434023
12238	OLFSFTN	9002	63 09 05	21 57 54.53	1 54 00	-39 56				434023
12280	SHIRAZ	9008	63 09 06	0 10 09.60	5 46 30	31 57				434013
12288	JUPITER	9010	63 09 06	9 08 52.85	4 07 36	46 19				434013
12260	WOOMERA	9003	63 09 06	10 16 36.29	4 24 00	-74 09				434023
12255	WOOMERA	9003	63 09 06	14 04 54.58	0 04 54	-64 34				434023
12256	WOOMERA	9003	63 09 06	14 05 00.18	0 12 30	-63 11				434023
12257	WOOMERA	9003	63 09 06	14 05 05.78	0 19 12	-61 52				434023
12258	WOOMERA	9003	63 09 06	14 05 11.38	0 26 24	-60 22				434023
12259	WOOMERA	9003	63 09 06	14 05 16.98	0 32 12	-58 59				434023
12770	OLFSFTN	9002	63 09 06	23 10 12.67	20 57 00	- 8 38				434013
12771	OLFSFTN	9002	63 09 06	23 10 18.27	21 01 24	- 7 38				434013
12772	OLFSFTN	9002	63 09 06	23 10 23.87	21 05 42	- 6 37				434013
12773	OLFSFTN	9002	63 09 06	23 10 29.47	21 10 00	- 5 34				434013
12774	OLFSFTN	9002	63 09 06	23 10 35.07	21 14 18	- 4 33				434013
12281	SHIRAZ	9008	63 09 06	23 32 06.60	6 18 12	24 51				434013
12275	SFERNNDO	9004	63 09 07	3 07 24.76	5 37 48	- 0 01				434013
12276	SFERNNDO	9004	63 09 07	4 58 12.64	2 14 36	37 59				434013
12289	JUPITER	9010	63 09 07	8 31 30.20	6 13 24	40 45				434013
12266	WOOMERA	9003	63 09 07	9 37 27.31	3 42 06	-74 48				434023
12246	ORGNPASS	9001	63 09 07	10 19 01.29	5 01 06	18 21				434013
12247	ORGNPASS	9001	63 09 07	10 19 06.89	5 07 00	19 17				434013

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12248	ORGNPASS	9001	63 09 07	10 19 12.49	5 12 18	20 07				434013
12267	WOOMERA	9003	63 09 07	11 30 20.32	6 56 42	-77 17				434023
12261	WOOMERA	9003	63 09 07	13 25 43.72	0 59 48	-69 18				434023
12262	WOOMERA	9003	63 09 07	13 25 49.32	1 03 54	-67 57				434023
12263	WOOMERA	9003	63 09 07	13 25 54.92	1 07 18	-66 37				434023
12264	WOOMERA	9003	63 09 07	13 26 00.52	1 11 06	-65 14				434023
12265	WOOMERA	9003	63 09 07	13 26 06.12	1 14 24	-63 53				434023
12283	SHIRAZ	9008	63 09 07	22 52 00.20	5 09 48	6 15				434013
12284	SHIRAZ	9008	63 09 07	22 52 05.80	5 13 36	7 03				434013
12285	SHIRAZ	9008	63 09 07	22 52 11.40	5 17 24	7 50				434013
12286	SHIRAZ	9008	63 09 07	22 52 17.00	5 21 06	8 36				434013
12287	SHIRAZ	9008	63 09 07	22 52 22.60	5 24 48	9 21				434013
12282	SHIRAZ	9008	63 09 08	0 44 12.36	1 10 24	66 58				434013
12277	SFERMDO	9004	63 09 08	2 28 31.39	5 18 42	- 5 10				434013
12278	SFERMDO	9004	63 09 08	4 20 08.43	4 00 36	38 23				434013
12249	ORGNPASS	9001	63 09 08	9 42 08.25	6 23 30	21 33				434013
12273	WOOMERA	9003	63 09 08	10 49 44.50	9 29 54	-71 53				434023
12274	WOOMERA	9003	63 09 08	10 53 08.98	3 10 12	-66 09				434023
12268	WOOMERA	9003	63 09 08	14 41 12.05	22 13 24	- 6 51				434013
12269	WOOMERA	9003	63 09 08	14 41 17.65	22 18 42	- 5 38				434013
12270	WOOMERA	9003	63 09 08	14 41 23.25	22 23 48	- 4 24				434013
12271	WOOMERA	9003	63 09 08	14 41 28.85	22 28 54	- 3 14				434013
12272	WOOMERA	9003	63 09 08	14 41 34.45	22 34 00	- 2 05				434013
12250	OLFSFTN	9002	63 09 08	21 53 42.81	22 58 48	-16 31				434013
12251	OLFSFTN	9002	63 09 08	21 53 48.41	23 04 06	-15 05				434013
12252	OLFSFTN	9002	63 09 08	21 53 54.01	23 09 18	-13 40				434013
12253	OLFSFTN	9002	63 09 08	21 53 59.61	23 14 18	-12 13				434013
12254	OLFSFTN	9002	63 09 08	21 54 05.21	23 19 30	-10 49				434013
12291	SHIRAZ	9008	63 09 09	0 06 41.20	5 58 18	67 56				434013
12290	SFERMDO	9004	63 09 09	3 42 35.62	5 56 18	34 50				434013
12292	ORGNPASS	9001	63 09 09	10 52 19.78	0 30 12	41 43				434013
12293	ORGNPASS	9001	63 09 09	10 52 25.38	0 35 06	43 22				434013
12294	ORGNPASS	9001	63 09 09	10 52 30.98	0 40 00	44 59				434013
12295	ORGNPASS	9001	63 09 09	10 52 36.58	0 45 36	46 39				434013
12296	ORGNPASS	9001	63 09 09	10 52 42.18	0 51 00	48 15				434013
12298	WOOMERA	9003	63 09 09	14 02 06.80	22 34 48	-20 59				434013
12299	WOOMERA	9003	63 09 09	14 02 12.40	22 40 24	-19 35				434013
12300	WOOMERA	9003	63 09 09	14 02 18.00	22 45 48	-18 13				434013
12301	WOOMERA	9003	63 09 09	14 02 23.60	22 51 12	-16 50				434013
12319	MAUI, HA	9012	63 09 09	14 28 25.26	21 23 00	66 01				434013
12302	MAINITAL	9006	63 09 09	21 40 26.17	6 37 42	54 42				434013
12304	SHIRAZ	9008	63 09 09	23 28 32.25	6 49 12	54 35				434013
12303	MAINITAL	9006	63 09 09	23 30 54.40	21 39 06	62 04				434013
12306	SFERMDO	9004	63 09 10	3 04 34.65	6 22 24	27 34				434013
12307	SFERMDO	9004	63 09 10	4 54 35.85	0 00 12	61 09				434013
12310	JUPITER	9010	63 09 10	8 23 31.74	23 22 18	27 42				434013
12311	JUPITER	9010	63 09 10	8 23 37.34	23 25 18	29 15				434013
12312	JUPITER	9010	63 09 10	8 23 42.94	23 28 24	30 50				434013
12318	JUPITER	9010	63 09 10	8 27 48.48	6 45 36	70 20				434013
12316	WOOMERA	9003	63 09 10	11 26 14.29	8 15 48	-81 25				434023
12320	MAUI, HA	9012	63 09 10	13 50 47.28	21 24 30	83 34				434013
12317	MAINITAL	9006	63 09 10	22 52 27.01	21 35 00	70 36				434013
12321	SHIRAZ	9008	63 09 11	0 40 25.28	21 34 48	70 53				434013
12322	JUPITER	9010	63 09 11	9 36 57.03	21 32 12	37 10				434013
12323	JUPITER	9010	63 09 11	9 37 02.63	21 31 54	38 00				434013
12324	JUPITER	9010	63 09 11	9 37 19.43	21 30 42	40 42				434013
12327	WOOMERA	9003	63 09 11	10 49 23.92	2 17 48	-66 11				434023
12325	ORGNPASS	9001	63 09 11	11 28 52.18	21 32 30	72 31				434013
12329	MAUI, HA	9012	63 09 11	13 12 43.05	7 22 30	82 12				434013
12328	SHIRAZ	9008	63 09 12	0 02 56.50	9 39 30	87 10				434013
12333	JUPITER	9010	63 09 12	9 00 16.30	21 09 18	61 40				434013
12331	WOOMERA	9003	63 09 12	10 06 34.87	9 17 54	-71 37				434023
12332	WOOMERA	9003	63 09 12	10 11 18.90	1 37 12	-56 37				434023
12330	ORGNPASS	9001	63 09 12	10 48 04.11	22 09 12	48 23				434013
12334	SHIRAZ	9008	63 09 13	1 15 26.83	20 17 18	64 56				434013
12335	SHIRAZ	9008	63 09 13	1 17 12.50	17 31 30	75 36				434013
12336	ORGNPASS	9001	63 09 13	10 10 36.43	23 20 54	71 01				434013
12347	WOOMERA	9003	63 09 13	11 24 33.03	0 11 06	-68 32				434023
12348	WOOMERA	9003	63 09 13	11 24 38.63	0 12 36	-67 13				434023
12349	WOOMERA	9003	63 09 13	11 24 44.23	0 14 00	-65 56				434023
12350	WOOMERA	9003	63 09 13	11 24 49.83	0 15 36	-64 38				434023
12351	WOOMERA	9003	63 09 13	11 24 55.43	0 16 42	-63 19				434023
12352	WOOMERA	9003	63 09 13	13 18 16.29	20 07 18	-10 53				434013
12353	WOOMERA	9003	63 09 13	13 18 21.89	20 12 42	- 9 48				434013
12354	WOOMERA	9003	63 09 13	13 18 27.49	20 18 00	- 8 40				434013
12355	WOOMERA	9003	63 09 13	13 18 33.09	20 23 18	- 7 36				434013
12356	WOOMERA	9003	63 09 13	13 18 38.69	20 28 36	- 6 29				434013
12372	V. DLORES	9011	63 09 13	23 52 37.82	10 57 00	-64 36				434023
12373	V. DLORES	9011	63 09 13	23 58 01.51	0 55 36	-57 48				434023
12364	SHIRAZ	9008	63 09 14	0 34 18.65	20 57 06	46 49				434013
12365	SHIRAZ	9008	63 09 14	0 38 48.17	14 59 06	77 04				434013
12340	ORGNPASS	9001	63 09 14	7 41 16.32	4 56 24	17 26				434013
12341	ORGNPASS	9001	63 09 14	7 41 21.92	4 59 30	17 56				434013
12342	ORGNPASS	9001	63 09 14	7 41 27.52	5 02 42	18 23				434013
12369	JUPITER	9010	63 09 14	7 41 27.52	21 50 12	51 13				434013

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12343	ORGNPASS	9001	63 09 14	7 41 33.12	5 05 48	18 49				434013
12370	JUPITER	9010	63 09 14	7 41 33.12	21 52 00	52 40				434013
12371	JUPITER	9010	63 09 14	7 41 38.72	21 53 54	54 03				434013
12337	ORGNPASS	9001	63 09 14	9 33 19.40	6 11 36	72 40				434013
12338	ORGNPASS	9001	63 09 14	11 22 08.06	21 11 42	42 21				434013
12339	ORGNPASS	9001	63 09 14	11 27 39.94	13 21 00	73 18				434013
12374	V.DLORES	9011	63 09 14	23 21 23.91	0 34 12	-35 19				434023
12366	SHIRAZ	9008	63 09 15	0 00 08.27	12 54 48	76 22				434013
12375	V.DLORES	9011	63 09 15	1 09 13.11	16 15 12	-65 56				434023
12363	SFERNNDC	9004	63 09 15	3 32 22.62	22 27 30	60 08				434013
12397	CURACAO	9009	63 09 15	5 07 37.45	21 40 54	23 52				434013
12398	CURACAO	9009	63 09 15	5 07 43.05	21 44 24	25 26				434013
12399	CURACAO	9009	63 09 15	5 07 48.65	21 48 00	26 57				434013
12400	CURACAO	9009	63 09 15	5 07 54.25	21 51 48	28 31				434013
12401	CURACAO	9009	63 09 15	5 07 59.85	21 55 42	30 05				434013
12775	JUPITER	9010	63 09 15	6 59 28.86	21 17 54	5 56				434013
12776	JUPITER	9010	63 09 15	6 59 34.46	21 19 18	6 55				434013
12357	WOOMERA	9003	63 09 15	10 08 24.34	0 32 24	-45 17				434023
12344	ORGNPASS	9001	63 09 15	10 44 19.63	20 47 30	53 45				434013
12345	ORGNPASS	9001	63 09 15	10 48 52.09	12 05 06	71 33				434013
12358	WOOMERA	9003	63 09 15	11 57 17.97	16 19 42	-55 52				434023
12359	WOOMERA	9003	63 09 15	11 57 23.57	16 27 24	-56 00				434023
12360	WOOMERA	9003	63 09 15	11 57 30.17	16 35 00	-56 07				434023
12361	WOOMERA	9003	63 09 15	11 57 35.77	16 42 54	-56 10				434023
12362	WOOMERA	9003	63 09 15	11 57 41.37	16 51 00	-56 14				434023
12396	SHIRAZ	9008	63 09 15	23 19 54.46	15 37 00	83 45				434013
12378	V.DLORES	9011	63 09 16	0 31 47.67	20 57 18	-70 37				434023
12384	ORGNPASS	9001	63 09 16	6 20 18.00	2 34 18	-15 53				434013
12385	ORGNPASS	9001	63 09 16	6 20 23.60	2 36 48	-15 14				434013
12386	ORGNPASS	9001	63 09 16	6 20 29.20	2 39 48	-14 33				434013
12387	ORGNPASS	9001	63 09 16	6 20 34.80	2 42 24	-13 51				434013
12388	ORGNPASS	9001	63 09 16	6 20 40.40	2 45 00	-13 10				434013
12379	ORGNPASS	9001	63 09 16	8 14 57.19	4 18 18	50 38				434013
12380	ORGNPASS	9001	63 09 16	8 15 02.79	4 26 42	50 44				434013
12381	ORGNPASS	9001	63 09 16	8 15 08.39	4 34 18	50 48				434013
12382	ORGNPASS	9001	63 09 16	8 15 13.39	4 42 06	50 49				434013
12383	ORGNPASS	9001	63 09 16	8 15 19.59	4 49 24	50 47				434013
12394	ORGNPASS	9001	63 09 16	10 06 54.76	19 59 30	73 33				434013
12395	ORGNPASS	9001	63 09 16	10 09 58.77	10 55 30	69 50				434013
12389	WOOMERA	9003	63 09 16	11 23 42.68	23 10 30	-12 28				434013
12390	WOOMERA	9003	63 09 16	11 23 48.28	23 12 36	-11 27				434013
12391	WOOMERA	9003	63 09 16	11 23 53.88	23 14 36	-10 22				434013
12392	WOOMERA	9003	63 09 16	11 23 59.48	23 16 42	- 9 22				434013
12393	WOOMERA	9003	63 09 16	11 24 05.08	23 18 42	- 8 23				434013
12420	SHIRAZ	9008	63 09 16	22 42 43.52	9 39 48	69 48				434013
12407	V.DLORES	9011	63 09 16	23 55 19.27	23 28 48	-37 36				434023
12408	V.DLORES	9011	63 09 17	1 43 05.84	16 01 18	-30 50				434023
12402	JUPITER	9010	63 09 17	5 41 18.33	21 41 42	-14 41				434013
12403	JUPITER	9010	63 09 17	5 41 23.93	21 44 06	-13 50				434013
12404	JUPITER	9010	63 09 17	5 41 29.53	21 47 06	-13 02				434013
12405	JUPITER	9010	63 09 17	5 41 35.13	21 49 48	-12 10				434013
12406	JUPITER	9010	63 09 17	5 41 40.73	21 52 36	-11 17				434013
12409	ORGNPASS	9001	63 09 17	9 29 34.53	10 22 18	82 12				434013
12410	ORGNPASS	9001	63 09 17	9 31 07.85	9 47 06	67 00				434013
30189	RED BANK	8640	63 09 17	9 36 15.85			34 09	27 21		845304
12418	WOOMERA	9003	63 09 17	10 42 01.78	22 11 12	-56 40				434023
12411	ORGNPASS	9001	63 09 17	11 20 33.71	19 47 00	63 40				434013
12412	ORGNPASS	9001	63 09 17	11 23 59.53	13 22 00	70 56				434013
12419	TOKYO	9005	63 09 17	16 41 28.10	7 59 48	63 25				434013
12421	OLFSFTN	9002	63 09 17	17 54 16.68	23 23 42	-60 28				434023
12413	OLFSFTN	9002	63 09 17	17 55 10.73	23 38 12	-48 15				434023
12414	OLFSFTN	9002	63 09 17	17 55 16.33	23 39 24	-46 58				434023
12415	OLFSFTN	9002	63 09 17	17 55 21.93	23 40 36	-45 42				434023
12416	OLFSFTN	9002	63 09 17	17 55 27.53	23 41 48	-44 25				434023
12417	OLFSFTN	9002	63 09 17	17 55 33.13	23 43 00	-43 09				434023
12422	V.DLORES	9011	63 09 17	23 18 14.87	23 42 42	-21 02				434013
12423	ORGNPASS	9001	63 09 18	6 53 58.87	0 43 12	- 3 49				434013
12424	ORGNPASS	9001	63 09 18	6 54 04.47	0 48 12	- 2 45				434013
12425	ORGNPASS	9001	63 09 18	6 54 10.07	0 53 12	- 1 40				434013
12426	ORGNPASS	9001	63 09 18	6 54 15.67	0 58 18	- 0 37				434013
12427	ORGNPASS	9001	63 09 18	6 54 21.27	1 03 30	0 31				434013
12428	ORGNPASS	9001	63 09 18	8 45 50.28	20 49 18	32 10				434013
12429	ORGNPASS	9001	63 09 18	8 45 55.88	20 50 12	33 21				434013
12430	ORGNPASS	9001	63 09 18	8 46 01.48	20 51 06	34 33				434013
12431	ORGNPASS	9001	63 09 18	8 46 07.08	20 52 12	35 46				434013
12432	ORGNPASS	9001	63 09 18	8 46 12.68	20 53 06	37 01				434013
12438	WOOMERA	9003	63 09 18	10 04 51.52	23 17 42	-33 51				434023
12439	WOOMERA	9003	63 09 18	11 54 35.77	17 29 06	-20 07				434013
12440	WOOMERA	9003	63 09 18	11 54 41.37	17 33 48	-19 22				434013
12441	WOOMERA	9003	63 09 18	11 54 46.97	17 38 42	-18 37				434013
12442	WOOMERA	9003	63 09 18	11 54 52.57	17 43 48	-17 49				434013
12443	WOOMERA	9003	63 09 18	11 54 58.17	17 48 48	-17 00				434013
12433	OLFSFTN	9002	63 09 18	19 05 03.49	15 57 54	-40 10				434023
12434	OLFSFTN	9002	63 09 18	19 05 09.09	16 02 06	-39 58				434023
12435	OLFSFTN	9002	63 09 18	19 05 14.69	16 06 24	-39 46				434023
12436	OLFSFTN	9002	63 09 18	19 05 20.29	16 10 48	-39 33				434023
12437	OLFSFTN	9002	63 09 18	19 05 25.89	16 15 18	-39 19				434023
12464	SHIRAZ	9008	63 09 18	23 16 22.67	14 56 54	77 08				434013

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12451	V.DLORES	9011	63 09 19	0 26 15.59	16 04 48	-50 15				434023
12449	AREQUIPA	9007	63 09 19	0 27 41.97	0 05 00	-82 40				434023
12450	AREQUIPA	9007	63 09 19	0 29 41.37	0 05 06	-63 19				434023
12444	SFERNNDO	9004	63 09 19	2 50 39.71	20 15 12	81 09				434013
12445	SFERNNDO	9004	63 09 19	2 50 45.31	20 06 00	82 31				434013
12446	SFERNNDO	9004	63 09 19	2 50 50.91	19 54 00	83 45				434013
12447	SFERNNDO	9004	63 09 19	2 50 56.51	19 35 00	85 02				434013
12448	SFERNNDO	9004	63 09 19	2 51 02.11	19 04 00	86 13				434013
30190	RED BANK	8640	63 09 19	10 07 38.60			336 15	32 03		845304
12453	WOOMERA	9003	63 09 19	11 15 24.92	17 10 24	-34 21				434023
12454	WOOMERA	9003	63 09 19	11 15 30.52	17 16 42	-33 45				434023
12455	WOOMERA	9003	63 09 19	11 15 36.12	17 23 00	-33 06				434023
12456	WOOMERA	9003	63 09 19	11 15 41.72	17 29 18	-32 25				434023
12457	WOOMERA	9003	63 09 19	11 15 47.32	17 35 48	-31 43				434023
12489	TOKYO	9005	63 09 19	17 15 50.70	10 56 00	76 34				434013
12465	OLFSFTN	9002	63 09 19	18 28 22.26	18 15 36	-43 49				434023
12459	SFERNNDO	9004	63 09 20	2 11 28.85	21 50 00	79 52				434013
12460	SFERNNDO	9004	63 09 20	2 11 34.45	22 00 00	81 11				434013
12461	SFERNNDO	9004	63 09 20	2 11 40.05	22 15 00	82 32				434013
12462	SFERNNDO	9004	63 09 20	2 11 45.65	22 35 00	83 52				434013
12463	SFERNNDO	9004	63 09 20	2 11 51.25	23 06 00	85 09				434013
12458	SFERNNDO	9004	63 09 20	4 05 07.96	17 51 00	77 45				434013
12466	ORGNPASS	9001	63 09 20	5 38 24.95	2 22 06	1 52				434013
12467	ORGNPASS	9001	63 09 20	5 38 30.55	2 25 24	2 34				434013
12468	ORGNPASS	9001	63 09 20	5 38 36.15	2 28 36	3 16				434013
12469	ORGNPASS	9001	63 09 20	5 38 41.75	2 32 00	3 56				434013
12470	ORGNPASS	9001	63 09 20	5 38 47.35	2 35 30	4 35				434013
12471	ORGNPASS	9001	63 09 20	9 25 54.90	12 37 06	77 40				434013
12484	OLFSFTN	9002	63 09 20	17 51 15.20	21 09 42	-31 40				434023
12501	V.DLORES	9011	63 09 20	23 10 19.98	20 28 00	-58 02				434023
12502	V.DLORES	9011	63 09 21	1 00 54.22	16 04 42	-13 58				434013
12490	AREQUIPA	9007	63 09 21	1 02 19.76	16 22 42	-61 20				434023
12486	SFERNNDO	9004	63 09 21	3 26 52.63	13 47 30	79 52				434013
12473	ORGNPASS	9001	63 09 21	4 59 14.09	1 55 42	- 5 57				434013
12474	ORGNPASS	9001	63 09 21	4 59 19.69	1 58 24	- 5 17				434013
12475	ORGNPASS	9001	63 09 21	4 59 25.29	2 01 12	- 4 39				434013
12476	ORGNPASS	9001	63 09 21	4 59 30.89	2 03 54	- 4 00				434013
12477	ORGNPASS	9001	63 09 21	4 59 36.49	2 06 42	- 3 22				434013
12478	ORGNPASS	9001	63 09 21	6 51 05.49	0 03 54	45 11				434013
12480	ORGNPASS	9001	63 09 21	6 51 16.69	0 22 36	47 27				434013
12481	ORGNPASS	9001	63 09 21	6 51 22.29	0 32 06	48 29				434013
12482	ORGNPASS	9001	63 09 21	6 51 27.89	0 41 54	49 28				434013
12485	OLFSFTN	9002	63 09 21	19 03 29.82	17 12 18	2 00				434013
12487	SFERNNDO	9004	63 09 22	2 48 56.42	10 29 30	70 38				434013
12492	JUPITER	9010	63 09 22	4 20 03.23	20 43 30	- 0 50				434013
12493	JUPITER	9010	63 09 22	4 20 08.83	20 46 36	0 16				434013
12496	JUPITER	9010	63 09 22	4 25 38.80	3 30 00	56 36				434013
12497	JUPITER	9010	63 09 22	4 25 44.40	3 36 30	56 28				434013
12498	JUPITER	9010	63 09 22	4 25 50.00	3 43 42	56 19				434013
12499	JUPITER	9010	63 09 22	4 25 55.60	3 49 54	56 10				434013
12500	JUPITER	9010	63 09 22	4 26 01.20	3 56 06	55 58				434013
12488	SFERNNDO	9004	63 09 22	4 40 59.77	15 32 00	82 39				434013
30192	SUMPPYAL	8578	63 09 22	9 24 37.1	22 08 48	-44 58				845023
12483	ORGNPASS	9001	63 09 22	10 00 26.11	15 35 00	75 27				434013
12503	OLFSFTN	9002	63 09 22	18 23 10.43	16 10 24	-18 05				434013
12504	OLFSFTN	9002	63 09 22	18 23 16.03	16 13 42	-17 26				434013
12505	OLFSFTN	9002	63 09 22	18 23 21.63	16 17 42	-16 46				434013
12506	OLFSFTN	9002	63 09 22	18 23 27.23	16 21 24	-16 05				434013
12507	OLFSFTN	9002	63 09 22	18 23 32.83	16 25 12	-15 22				434013
12508	OLFSFTN	9002	63 09 22	18 26 51.32	18 47 24	17 51				434013
12515	AREQUIPA	9007	63 09 22	23 46 51.79	21 57 18	-59 53				434023
12512	SFERNNDO	9004	63 09 23	2 10 35.83	9 24 18	63 21				434013
12513	SFERNNDO	9004	63 09 23	4 02 12.78	13 28 24	80 00				434013
12509	ORGNPASS	9001	63 09 23	7 24 57.57	19 41 06	50 28				434013
12510	ORGNPASS	9001	63 09 23	7 25 03.17	19 41 54	51 49				434013
12511	ORGNPASS	9001	63 09 23	7 25 08.77	19 42 42	53 13				434013
12535	TOKYO	9005	63 09 23	16 33 43.40	10 01 06	67 46				434013
12522	OLFSFTN	9002	63 09 23	17 46 47.36	18 14 48	- 4 13				434013
12523	OLFSFTN	9002	63 09 23	17 46 52.96	18 19 42	- 3 02				434013
12524	OLFSFTN	9002	63 09 23	17 46 58.56	18 24 30	- 1 52				434013
12525	OLFSFTN	9002	63 09 23	17 47 04.16	18 29 18	- 0 41				434013
12526	OLFSFTN	9002	63 09 23	17 47 09.76	18 34 12	0 30				434013
12543	TOKYO	9005	63 09 23	18 26 09.10	12 20 54	77 46				434013
12527	AREQUIPA	9007	63 09 24	0 59 14.35	16 23 42	-24 52				434023
12514	SFERNNDO	9004	63 09 24	3 24 05.15	10 57 06	70 51				434013
12529	ORGNPASS	9001	63 09 24	4 51 01.92	22 10 54	-25 04				434023
12530	ORGNPASS	9001	63 09 24	4 51 07.52	22 14 48	-24 24				434023
12531	ORGNPASS	9001	63 09 24	4 51 13.12	22 18 42	-23 42				434023
12532	ORGNPASS	9001	63 09 24	4 51 18.72	22 22 30	-22 57				434023
12517	JUPITER	9010	63 09 24	4 56 31.89	18 56 36	43 37				434013
12518	JUPITER	9010	63 09 24	4 56 37.49	18 57 06	44 52				434013
12519	JUPITER	9010	63 09 24	4 56 43.09	18 57 42	46 04				434013
12520	JUPITER	9010	63 09 24	4 56 48.69	18 58 12	47 17				434013
12521	JUPITER	9010	63 09 24	4 56 54.29	18 58 48	48 32				434013
12533	ORGNPASS	9001	63 09 24	10 36 41.15	13 11 18	75 27				434013
12536	NAINITAL	9006	63 09 24	23 16 01.67	11 34 18	73 57				434013
12544	AREQUIPA	9007	63 09 25	0 21 51.72	17 47 54	-24 30				434023

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
12545	SHIRAZ	9008	63 09 25	1 04 02.74	11 17 42	72 51				434013
12534	SFERNNDO	9004	63 09 25	4 37 58.43	9 08 00	78 11				434013
12537	ORGNPASS	9001	63 09 25	9 56 43.96	15 05 12	76 12				434013
12539	WOOMERA	9003	63 09 25	11 07 12.54	16 00 30	9 38				434013
12540	WOOMERA	9003	63 09 25	11 09 14.02	16 51 48	23 15				434013
12538	ORGNPASS	9001	63 09 25	11 51 55.99	9 14 30	72 13				434013
12546	AREQUIPA	9007	63 09 25	23 43 58.20	19 34 12	-24 02				434023
12547	CURACAO	9009	63 09 25	23 49 08.88	22 16 24	-50 24				434023
12541	SFERNNDO	9004	63 09 26	2 07 33.08	9 15 00	55 06				434013
12550	ORGNPASS	9001	63 09 26	3 38 10.17	1 20 18	3 58				434013
12551	ORGNPASS	9001	63 09 26	3 38 15.77	1 23 18	4 33				434013
12552	ORGNPASS	9001	63 09 26	3 38 21.37	1 25 54	5 07				434013
12553	ORGNPASS	9001	63 09 26	3 38 26.97	1 28 42	5 42				434013
12554	ORGNPASS	9001	63 09 26	3 38 32.57	1 31 36	6 14				434013
12542	SFERNNDO	9004	63 09 26	3 59 10.13	9 47 00	73 43				434013
12555	ORGNPASS	9001	63 09 26	5 30 01.58	0 40 00	59 53				434013
12556	ORGNPASS	9001	63 09 26	5 30 07.18	0 52 18	60 14				434013
12557	ORGNPASS	9001	63 09 26	5 30 12.78	1 04 18	60 30				434013
12558	ORGNPASS	9001	63 09 26	5 30 18.38	1 16 24	60 42				434013
12559	ORGNPASS	9001	63 09 26	5 30 23.98	1 27 54	60 48				434013
12548	ORGNPASS	9001	63 09 26	9 19 47.03	10 40 00	64 51				434013
12560	WOOMERA	9003	63 09 26	10 32 15.02	17 45 42	34 00				434013
12549	ORGNPASS	9001	63 09 26	11 12 29.00	10 17 00	76 41				434013
12561	NAINITAL	9006	63 09 26	21 57 37.03	11 54 24	71 57				434013
12563	SHIRAZ	9008	63 09 26	23 45 34.05	11 45 36	71 48				434013
12562	SFERNNDO	9004	63 09 27	5 13 46.28	5 48 12	50 01				434013
12575	ORGNPASS	9001	63 09 27	10 33 42.67	10 25 18	71 18				434013
12573	SHIRAZ	9008	63 09 27	23 06 24.36	11 37 06	70 54				434013
12571	AREQUIPA	9007	63 09 28	0 18 04.43	16 21 54	9 21				434013
12574	SHIRAZ	9008	63 09 28	1 00 56.13	8 19 24	62 31				434013
12564	JUPITER	9010	63 09 28	2 19 48.46	20 20 24	4 20				434013
12565	JUPITER	9010	63 09 28	2 19 54.06	20 25 12	5 34				434013
12566	JUPITER	9010	63 09 28	2 19 59.66	20 29 54	6 58				434013
12567	JUPITER	9010	63 09 28	2 20 05.26	20 34 06	8 19				434013
12577	SFERNNDO	9004	63 09 28	2 42 08.04	9 16 42	59 23				434013
12578	SFERNNDO	9004	63 09 28	4 34 26.23	5 55 54	63 30				434013
12569	MAUI, HA	9012	63 09 28	15 25 52.55	7 25 00	76 05				434013
12570	NAINITAL	9006	63 09 28	22 34 23.96	9 08 36	58 02				434013
12572	AREQUIPA	9007	63 09 28	23 39 23.95	16 39 12	4 13				434013
12765	ORGNPASS	9001	63 09 29	3 32 40.19	23 57 30	15 41				434013
12766	ORGNPASS	9001	63 09 29	3 32 45.79	0 02 30	16 27				434013
12767	ORGNPASS	9001	63 09 29	3 32 51.39	0 07 24	17 10				434013
12768	ORGNPASS	9001	63 09 29	3 32 56.99	0 12 30	18 00				434013
12769	ORGNPASS	9001	63 09 29	3 33 02.59	0 17 30	18 42				434013
12579	SFERNNDO	9004	63 09 29	3 56 14.03	7 34 48	54 50				434013
12576	ORGNPASS	9001	63 09 29	11 09 16.29	6 50 48	62 52				434013
12586	NAINITAL	9006	63 09 29	21 54 52.11	9 29 24	63 57				434013
12581	SFERNNDO	9004	63 09 30	3 15 51.61	7 15 30	78 18				434013
12582	SFERNNDO	9004	63 09 30	3 15 57.21	7 22 00	76 51				434013
12583	SFERNNDO	9004	63 09 30	3 16 02.81	7 27 00	75 21				434013
12584	SFERNNDO	9004	63 09 30	3 16 08.41	7 31 00	73 55				434013
12585	SFERNNDO	9004	63 09 30	3 16 14.01	7 34 54	72 25				434013
12593	ORGNPASS	9001	63 09 30	4 48 08.52	2 57 42	72 44				434013
12594	ORGNPASS	9001	63 09 30	4 48 14.12	3 09 00	72 03				434013
12595	ORGNPASS	9001	63 09 30	4 48 19.72	3 19 36	71 20				434013
12596	ORGNPASS	9001	63 09 30	4 48 25.32	3 28 30	70 36				434013
12597	ORGNPASS	9001	63 09 30	4 48 30.92	3 37 18	69 53				434013
12580	SFERNNDO	9004	63 09 30	5 09 42.45	3 49 12	17 21				434013
12602	NAINITAL	9006	63 09 30	21 16 48.50	9 14 54	52 22				434013
12605	SHIRAZ	9008	63 09 30	23 04 42.40	9 10 48	52 05				434013
12603	NAINITAL	9006	63 09 30	23 08 49.50	4 42 24	48 21				434013
12604	CURACAO	9009	63 10 01	0 21 33.68	17 28 12	17 57				434013
12606	SHIRAZ	9008	63 10 01	0 56 48.90	4 44 48	44 45				434013
12599	ORGNPASS	9001	63 10 01	2 11 41.50	21 40 36	-26 18				434023
12601	SFERNNDO	9004	63 10 01	4 31 29.62	4 59 42	20 21				434013
12617	MAUI, HA	9012	63 10 01	5 45 23.11	19 26 12	-16 16				434013
12618	MAUI, HA	9012	63 10 01	7 37 11.57	16 30 42	19 11				434013
12600	ORGNPASS	9001	63 10 01	9 53 05.00	8 24 12	40 24				434013
12619	MAUI, HA	9012	63 10 01	13 29 52.29	9 44 06	59 34				434013
12620	MAUI, HA	9012	63 10 01	15 23 54.05	5 54 24	26 52				434013
12614	SHIRAZ	9008	63 10 01	16 34 59.65	18 13 42	-15 39				434013
12615	SHIRAZ	9008	63 10 02	0 18 23.01	6 18 24	46 41				434013
12608	ORGNPASS	9001	63 10 02	3 23 29.17	18 09 06	-10 38				434013
12607	ORGNPASS	9001	63 10 02	9 14 59.90	8 21 24	32 42				434013
12609	ORGNPASS	9001	63 10 02	11 05 24.59	4 06 12	33 44				434013
12610	ORGNPASS	9001	63 10 02	11 05 30.19	4 13 30	32 26				434013
12611	ORGNPASS	9001	63 10 02	11 05 35.79	4 21 18	31 05				434013
12612	ORGNPASS	9001	63 10 02	11 05 41.39	4 28 42	29 40				434013
12613	ORGNPASS	9001	63 10 02	11 05 46.99	4 35 54	28 17				434013
12616	NAINITAL	9006	63 10 02	21 53 10.51	7 48 18	27 33				434013
12623	SHIRAZ	9008	63 10 02	23 41 04.77	7 43 18	26 12				434013
12624	SHIRAZ	9008	63 10 03	1 30 28.01	1 50 12	8 56				434013
12626	ORGNPASS	9001	63 10 03	2 47 48.17	20 46 30	15 25				434013
12627	ORGNPASS	9001	63 10 03	2 47 53.77	20 52 24	16 40				434013

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12628	ORGNPASS	9001	63 10 03	2 47 59.37	20 58 42	17 55				434013
12629	ORGNPASS	9001	63 10 03	2 48 04.97	21 05 00	19 09				434013
12630	ORGNPASS	9001	63 10 03	2 48 10.57	21 11 18	20 23				434013
12621	TOKYO	9005	63 10 03	9 57 28.50	20 22 54	-15 26				434013
12625	ORGNPASS	9001	63 10 03	10 28 38.90	6 39 36	12 18				434013
12622	TOKYO	9005	63 10 03	11 48 20.20	17 18 18	9 34				434013
12663	SHIRAZ	9008	63 10 03	15 19 46.38	20 46 48	- 8 33				434013
12646	SFERNNDO	9004	63 10 03	18 59 58.56	23 55 06	8 16				434013
12647	SFERNNDO	9004	63 10 03	20 46 30.32	17 55 42	0 57				434013
12664	SHIRAZ	9008	63 10 04	0 54 09.40	4 01 54	- 9 11				434013
12633	ORGNPASS	9001	63 10 04	2 11 25.09	23 36 42	27 16				434013
12634	ORGNPASS	9001	63 10 04	2 11 30.69	23 41 48	27 46				434013
12635	ORGNPASS	9001	63 10 04	2 11 36.29	23 47 00	28 15				434013
12636	ORGNPASS	9001	63 10 04	2 11 41.89	23 52 00	28 43				434013
12637	ORGNPASS	9001	63 10 04	2 11 47.49	23 56 36	29 09				434013
12631	ORGNPASS	9001	63 10 04	3 59 12.14	16 51 18	20 58				434013
12652	TOKYO	9005	63 10 04	9 20 09.80	21 43 36	- 7 42				434013
12638	ORGNPASS	9001	63 10 04	9 50 01.85	7 04 18	15 57				434013
12639	ORGNPASS	9001	63 10 04	9 50 07.45	7 06 00	14 52				434013
12640	ORGNPASS	9001	63 10 04	9 50 13.05	7 07 48	13 48				434013
12641	ORGNPASS	9001	63 10 04	9 50 18.65	7 09 24	12 46				434013
12642	ORGNPASS	9001	63 10 04	9 50 24.25	7 11 00	11 44				434013
12653	TOKYO	9005	63 10 04	11 10 17.20	17 31 24	12 02				434013
12632	ORGNPASS	9001	63 10 04	11 41 25.65	3 13 24	-18 11				434013
12654	NAINITAL	9006	63 10 04	14 45 06.03	17 12 30	29 06				434013
12648	SFERNNDO	9004	63 10 04	20 09 03.84	18 56 42	7 57				434013
12666	CURACAO	9009	63 10 04	23 39 19.97	16 02 24	39 19				434013
12665	SHIRAZ	9008	63 10 05	0 16 33.48	5 32 24	-14 03				434013
12670	MAUI, HA	9012	63 10 05	6 57 36.06	15 19 00	54 09				434013
12668	JUPITER	9010	63 10 05	9 16 52.12	5 16 30	-17 25				434013
12667	CURACAO	9009	63 10 05	9 20 14.43	4 20 54	2 41				434013
12643	ORGNPASS	9001	63 10 05	11 04 00.68	4 32 18	-25 14				434023
12656	NAINITAL	9006	63 10 05	14 06 56.98	18 07 00	35 19				434013
12671	MAUI, HA	9012	63 10 05	14 42 00.54	4 47 18	-13 29				434013
12678	SHIRAZ	9008	63 10 05	15 54 36.20	17 53 18	30 28				434013
12657	NAINITAL	9006	63 10 05	16 00 11.47	15 44 06	51 20				434013
12649	SFERNNDO	9004	63 10 05	19 30 52.60	19 56 24	7 08				434013
12650	SFERNNDO	9004	63 10 05	21 21 48.17	16 45 12	24 12				434013
12658	NAINITAL	9006	63 10 05	23 40 02.54	2 03 18	-19 40				434013
12669	JUPITER	9010	63 10 06	0 55 05.69	17 09 30	54 40				434013
30193	KANCITY	8636	63 10 06	0 58 39.0	21 22 24	25 31				845013
12644	ORGNPASS	9001	63 10 06	2 42 48.98	17 37 42	29 51				434013
12645	ORGNPASS	9001	63 10 06	4 35 09.53	16 04 30	39 25				434013
12672	MAUI, HA	9012	63 10 06	6 17 54.11	15 21 18	47 58				434013
12659	NAINITAL	9006	63 10 06	13 26 51.58	17 53 18	8 47				434013
12679	SHIRAZ	9008	63 10 06	15 15 03.93	18 02 24	12 25				434013
12660	NAINITAL	9006	63 10 06	15 21 24.30	15 35 30	54 01				434013
12651	SFERNNDO	9004	63 10 06	20 43 34.06	16 50 12	28 17				434013
12661	NAINITAL	9006	63 10 06	23 03 07.56	3 05 42	-32 11				434023
30194	ST. COLL	8603	63 10 07	0 20 22.15	19 01 24	36 55	95 54	56 40		845303
12673	ORGNPASS	9001	63 10 07	2 04 49.92	20 36 26	55 19				434013
30195	WICHITA	8605	63 10 07	2 08 27.69	20 36 26	55 19				845013
30196	WICHITA	8605	63 10 07	2 08 27.79	20 36 19	55 17				845013
30197	WICHITA	8605	63 10 07	2 08 28.13	20 36 56	55 21				845013
30200	HARRSON	8572	63 10 07	2 11 22.8	18 40 10	61 25				845013
12674	ORGNPASS	9001	63 10 07	3 56 47.18	15 50 30	44 26				434013
12677	TOKYO	9005	63 10 07	9 16 52.50	21 21 36	26 20				434013
12682	NAINITAL	9006	63 10 07	14 42 28.18	15 37 54	55 21				434013
12684	SHIRAZ	9008	63 10 07	16 29 52.75	15 39 42	48 48				434013
12675	SFERNNDO	9004	63 10 07	20 06 07.51	17 40 00	45 23				434013
12676	SFERNNDO	9004	63 10 07	21 57 56.59	16 09 00	42 32				434013
12680	ORGNPASS	9001	63 10 08	3 18 44.96	15 42 54	55 00				434013
12688	TOKYO	9005	63 10 08	10 29 24.10	16 45 42	48 08				434013
12683	NAINITAL	9006	63 10 08	14 03 27.04	15 53 24	55 12				434013
12686	SFERNNDO	9004	63 10 08	19 27 11.51	18 12 12	39 58				434013
50026	BUFFALO	8144	63 10 08	19 31 39.3			227 53 24	43 16 12		834309
12687	SFERNNDO	9004	63 10 08	21 19 01.94	15 54 42	42 40				434013
12692	JUPITER	9010	63 10 09	0 51 02.03	14 58 48	56 40				434013
30204	HARRSON	8572	63 10 09	0 52 35.6	18 35 15	38 44				845043
30201	BRYAN	8565	63 10 09	0 55 05.6	23 22 20	58 56				845013
12685	ORGNPASS	9001	63 10 09	2 37 55.31	15 41 54	31 56				434013
12693	ORGNPASS	9001	63 10 09	2 38 00.91	15 42 30	33 00				434013
12694	ORGNPASS	9001	63 10 09	2 38 06.51	15 43 06	34 01				434013
12695	ORGNPASS	9001	63 10 09	2 38 12.11	15 43 36	35 06				434013
12696	ORGNPASS	9001	63 10 09	2 38 17.71	15 44 12	36 11				434013
12697	ORGNPASS	9001	63 10 09	8 27 28.45	5 31 24	18 10				434013
12698	ORGNPASS	9001	63 10 09	8 27 34.05	5 33 48	16 55				434013
12699	ORGNPASS	9001	63 10 09	8 27 39.65	5 36 12	15 42				434013
12700	ORGNPASS	9001	63 10 09	8 27 45.25	5 38 30	14 32				434013
12701	ORGNPASS	9001	63 10 09	8 27 50.85	5 40 36	13 24				434013
12722	NAINITAL	9006	63 10 09	13 24 17.98	16 19 42	51 39				434013
12724	SHIRAZ	9008	63 10 09	15 12 09.15	16 16 30	50 07				434013
12281	NAINITAL	9006	63 10 09	15 18 48.10	13 58 24	65 48				434013
12732	SFERNNDO	9004	63 10 09	20 40 51.59	15 44 12	50 59				434013
12726	JUPITER	9010	63 10 10	0 12 00.39	15 11 30	57 07				434013

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30202	INDNAPLS	8624	63 10 10	0 13 57.8	18 24 24	20 40				845C13
30210	CINCINN	5050	63 10 10	0 14 01.7	18 29 08	21 37				845013
30203	INDNAPLS	8624	63 10 10	0 14 49.63	19 17 54	31 13				845013
12702	ORGNPASS	9001	63 10 10	2 01 02.67	16 26 24	58 23				434013
30207	WICHITA	8605	63 10 10	2 05 18.40	20 58 28	81 51				845C13
12703	ORGNPASS	9001	63 10 10	3 54 00.55	14 46 06	57 19				434013
12704	ORGNPASS	9001	63 10 10	7 45 29.81	3 36 24	71 16				434013
12710	ORGNPASS	9001	63 10 10	7 48 23.19	5 43 36	26 15				434013
12711	ORGNPASS	9001	63 10 10	7 48 28.79	5 45 18	25 00				434013
12712	ORGNPASS	9001	63 10 10	7 48 34.39	5 46 36	23 50				434013
12713	ORGNPASS	9001	63 10 10	7 48 39.99	5 48 00	22 41				434013
12714	ORGNPASS	9001	63 10 10	9 37 21.21	23 39 06	13 16				434013
12715	ORGNPASS	9001	63 10 10	9 37 26.81	23 43 12	12 35				434013
12716	ORGNPASS	9001	63 10 10	9 37 32.41	23 47 24	11 54				434013
12717	ORGNPASS	9001	63 10 10	9 37 38.01	23 51 30	11 09				434013
12718	ORGNPASS	9001	63 10 10	9 37 43.61	23 56 06	10 26				434013
12723	NAINITAL	9006	63 10 10	14 39 39.49	13 50 24	66 27				434013
12719	WOODERA	9003	63 10 10	18 54 32.17	6 24 36	37 27				434013
12720	SFERNNDO	9004	63 10 10	20 02 17.33	15 47 36	56 14				434013
12721	SFERNNDO	9004	63 10 10	21 54 53.72	15 33 48	52 43				434013
30205	HARRSON	8572	63 10 11	1 28 34.	17 12 24	69 41				845C13
12727	ORGNPASS	9001	63 10 11	3 15 09.91	14 27 18	59 45				434013
30213	N.ORLEAN	0230	63 10 11	10 24 19.2	14 46 28	65 11				845C13
12735	NAINITAL	9006	63 10 11	13 59 47.08	14 11 54	59 43				434013
12733	SFERNNDO	9004	63 10 11	21 16 17.56	15 05 24	56 52				434013
12730	OLFSFTN	9002	63 10 12	1 32 21.06	9 34 42	-10 40				434013
12737	JUPITER	9010	63 10 12	6 32 54.85	0 24 24	54 17				434013
12738	JUPITER	9010	63 10 12	6 33 00.45	0 34 12	53 38				434013
12739	JUPITER	9010	63 10 12	6 33 06.05	0 44 06	52 50				434013
12740	JUPITER	9010	63 10 12	6 33 11.65	0 54 42	52 10				434013
12763	TOKYO	9005	63 10 12	9 46 53.30	15 17 30	59 33				434013
12764	TOKYO	9005	63 10 12	11 39 52.40	14 53 54	57 56				434013
12736	NAINITAL	9006	63 10 12	13 23 12.54	9 17 30	84 35				434013
12748	SFERNNDO	9004	63 10 12	18 48 29.67	1 57 30	61 13				434013
12749	SFERNNDO	9004	63 10 12	20 37 32.37	14 42 06	60 01				434013
30206	INDNAPLS	8624	63 10 13	0 10 40.8	17 35 00	48 46				845C13
12728	ORGNPASS	9001	63 10 13	1 57 33.58	14 11 06	67 01				434013
12729	ORGNPASS	9001	63 10 13	3 51 07.60	13 43 00	65 47				434013
12750	AREQUIPA	9007	63 10 13	8 03 32.70	8 26 54	-29 36				434023
12734	SFERNNDO	9004	63 10 13	19 58 54.55	14 21 30	65 10				434013
30211	INDNAPLS	8624	63 10 13	23 32 34.2	19 13 00	54 38				845C13
12746	OLFSFTN	9002	63 10 14	2 00 37.00	3 23 00	19 52				434013
12742	ORGNPASS	9001	63 10 14	3 12 59.79	12 07 06	73 11				434013
12751	AREQUIPA	9007	63 10 14	7 25 14.78	8 37 12	-21 28				434013
12752	AREQUIPA	9007	63 10 14	9 15 20.30	2 04 00	-53 00				434023
12759	NAINITAL	9006	63 10 14	13 57 26.44	11 59 24	71 12				434013
12747	WOODERA	9003	63 10 14	18 11 49.81	5 05 00	28 07				434013
12756	SFERNNDO	9004	63 10 14	19 19 55.66	14 17 54	66 40				434013
12757	SFERNNDO	9004	63 10 14	21 12 18.41	14 49 42	57 15				434013
12760	ORGNPASS	9001	63 10 15	2 33 25.64	12 28 18	70 43				434013
12758	V.DLORES	9011	63 10 15	8 40 32.07	5 30 18	-38 49				434023
12780	SHIRAZ	9008	63 10 15	15 05 44.71	12 22 36	68 41				434013
12761	WOODERA	9003	63 10 15	17 34 36.29	6 27 36	19 18				434013
12762	SFERNNDO	9004	63 10 15	18 44 36.03	3 05 00	65 31				434013
12777	OLFSFTN	9002	63 10 16	0 46 48.52	7 17 36	- 4 51				434013
12778	OLFSFTN	9002	63 10 16	2 35 05.79	1 25 48	- 7 41				434013
12781	ORGNPASS	9001	63 10 16	5 48 02.82	4 39 42	20 02				434013
12782	ORGNPASS	9001	63 10 16	5 48 08.42	4 40 30	19 00				434013
12783	ORGNPASS	9001	63 10 16	5 48 14.02	4 41 30	17 58				434013
12779	AREQUIPA	9007	63 10 16	7 59 54.35	7 38 00	-66 20				434023
12791	TOKYO	9005	63 10 16	9 05 24.20	12 38 12	79 51				434013
12792	TOKYO	9005	63 10 16	10 58 34.30	13 03 00	73 56				434013
12788	WOODERA	9003	63 10 16	16 58 13.14	7 50 00	3 22				434013
12789	WOODERA	9003	63 10 16	17 00 01.86	8 43 18	- 8 10				434013
12790	WOODERA	9003	63 10 16	18 46 00.99	2 25 06	3 58				434013
12786	OLFSFTN	9002	63 10 17	0 09 35.85	8 10 42	-10 14				434013
12787	OLFSFTN	9002	63 10 17	1 57 32.42	1 49 00	-15 34				434013
12793	JUPITER	9010	63 10 17	5 09 03.15	20 43 06	51 52				434013
12794	JUPITER	9010	63 10 17	5 09 08.75	20 49 12	51 56				434013
12795	JUPITER	9010	63 10 17	5 09 14.35	20 55 24	51 58				434013
12796	JUPITER	9010	63 10 17	5 09 19.95	21 02 00	51 59				434013
12797	JUPITER	9010	63 10 17	5 09 25.55	21 08 12	52 00				434013
12808	SFERNNDO	9004	63 10 17	19 16 53.75	12 15 18	75 55				434013
12809	SFERNNDO	9004	63 10 17	21 09 07.24	14 54 06	63 49				434013
30214	CHICAGO	8585	63 10 18	0 43 09.1	18 38 20	82 45				845C14
12800	OLFSFTN	9002	63 10 18	1 20 09.94	3 07 36	-31 08				434023
12801	ORGNPASS	9001	63 10 18	2 30 23.65	10 39 30	74 59				434013
30216	WICHITA	8605	63 10 19	1 53 46.77	9 25 34	83 15				845013
12802	OLFSFTN	9002	63 10 19	2 32 16.79	0 29 48	-29 37				434023
30215	HAPEVL	8517	63 10 19	3 42 14.7			0 00 00	33 33 00		641304
12816	V.DLORES	9011	63 10 19	6 07 57.41	8 27 24	-16 18				434013
12817	V.DLORES	9011	63 10 19	7 58 15.43	4 27 12	-65 31				434023
12811	SHIRAZ	9008	63 10 19	16 18 55.83	7 47 42	75 12				434013

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12806	WOOMERA	9003	63 10 19	16 55 19.96	8 18 42	-25 32				434023
12807	WOOMERA	9003	63 10 19	18 42 59.33	1 09 18	-24 50				434023
12810	SFERMND0	9004	63 10 19	19 51 54.97	12 51 24	73 49				434013
12803	OLFSFTN	9002	63 10 20	0 06 10.02	8 25 42	-39 43				434023
12804	OLFSFTN	9002	63 10 20	1 54 12.61	0 25 12	-36 22				434023
12805	OLFSFTN	9002	63 10 20	1 59 49.28	14 22 00	-79 38				434023
12812	JUPITER	9010	63 10 20	3 14 18.66	3 03 00	68 55				434013
12813	JUPITER	9010	63 10 20	3 14 29.86	3 10 00	66 06				434013
12814	JUPITER	9010	63 10 20	3 14 35.46	3 13 30	64 40				434013
12815	JUPITER	9010	63 10 20	3 14 41.06	3 16 54	63 17				434013
12825	V.DLORES	9011	63 10 20	7 20 51.22	8 37 36	-61 12				434023
12819	TOKYO	9005	63 10 20	10 15 44.70	12 30 00	76 17				434013
12818	OLFSFTN	9002	63 10 21	1 16 27.63	0 40 00	-50 25				434023
12828	ORGNPASS	9001	63 10 21	2 27 03.54	9 21 00	78 04				434013
12827	V.DLORES	9011	63 10 21	8 32 34.90	0 16 18	-61 38				434023
12829	MAINITAL	9006	63 10 21	15 04 21.18	13 33 24	72 45				434013
12835	SFERMND0	9004	63 10 21	18 37 00.98	3 28 00	63 12				434013
12836	SFERMND0	9004	63 10 21	20 26 27.65	14 52 12	66 25				434013
12830	JUPITER	9010	63 10 22	3 47 48.35	20 40 24	45 34				434013
12831	JUPITER	9010	63 10 22	3 47 53.95	20 47 06	45 15				434013
12833	JUPITER	9010	63 10 22	3 48 05.15	20 59 42	44 33				434013
12837	WOOMERA	9003	63 10 22	16 50 07.40	6 46 24	-52 23				434023
12838	WOOMERA	9003	63 10 22	18 38 32.44	0 00 18	-29 55				434023
12839	SFERMND0	9004	63 10 22	19 48 01.33	13 47 30	74 21				434013
12846	ORGNPASS	9001	63 10 23	3 00 52.78	14 03 42	70 20				434013
12841	JUPITER	9010	63 10 23	3 08 48.68	20 26 42	59 36				434013
12842	JUPITER	9010	63 10 23	3 08 54.28	20 36 06	59 28				434013
12843	JUPITER	9010	63 10 23	3 08 59.88	20 46 42	59 20				434013
12844	JUPITER	9010	63 10 23	3 09 05.48	20 56 30	59 06				434013
12845	JUPITER	9010	63 10 23	3 09 11.08	21 06 36	58 49				434013
12850	MAINITAL	9006	63 10 23	13 47 56.85	7 17 48	77 31				434013
12849	WOOMERA	9003	63 10 23	16 12 50.40	8 21 18	-41 54				434023
12852	SFERMND0	9004	63 10 23	19 09 53.95	10 00 00	84 02				434013
12847	OLFSFTN	9002	63 10 24	1 12 56.90	22 58 00	-57 07				434023
12848	OLFSFTN	9002	63 10 24	1 16 24.99	16 50 00	-80 18				434023
12851	ORGNPASS	9001	63 10 24	2 23 04.60	10 53 30	81 54				434013
12867	TOKYO	9005	63 10 24	9 33 45.80	8 05 00	85 40				434013
12853	SFERMND0	9004	63 10 24	18 34 20.45	2 35 00	49 20				434013
12864	ORGNPASS	9001	63 10 25	1 44 30.98	7 11 00	80 38				434013
12854	JUPITER	9010	63 10 25	1 50 26.96	19 17 30	81 15				434013
12855	JUPITER	9010	63 10 25	1 50 32.56	19 44 00	81 29				434013
12856	JUPITER	9010	63 10 25	1 50 38.16	20 16 00	81 37				434013
12857	JUPITER	9010	63 10 25	1 50 43.76	20 47 00	81 39				434013
12858	JUPITER	9010	63 10 25	1 50 49.36	21 18 00	81 30				434013
12859	JUPITER	9010	63 10 25	3 45 06.15	21 07 12	2 59				434013
12860	JUPITER	9010	63 10 25	3 45 11.75	21 11 00	2 03				434013
12861	JUPITER	9010	63 10 25	3 45 17.35	21 15 18	1 02				434013
12862	JUPITER	9010	63 10 25	3 45 22.95	21 19 12	0 04				434013
12863	JUPITER	9010	63 10 25	3 45 28.55	21 23 18	- 0 55				434013
12868	MAINITAL	9006	63 10 25	14 22 00.90	14 08 00	77 17				434013
12869	SHIRAZ	9008	63 10 25	16 09 22.49	14 14 54	72 22				434013
12866	OLFSFTN	9002	63 10 25	23 57 13.61	22 23 00	-87 41				434023
12870	JUPITER	9010	63 10 26	1 14 03.89	2 29 30	55 58				434013
12871	JUPITER	9010	63 10 26	1 14 09.49	2 30 12	54 40				434013
12873	JUPITER	9010	63 10 26	1 14 20.69	2 32 00	51 59				434013
12874	JUPITER	9010	63 10 26	1 14 26.29	2 32 30	50 40				434013
12865	ORGNPASS	9001	63 10 26	2 57 15.51	15 55 54	66 13				434013
12875	JUPITER	9010	63 10 26	3 05 55.29	20 52 30	16 33				434013
12876	JUPITER	9010	63 10 26	3 06 00.89	20 57 12	15 37				434013
12877	JUPITER	9010	63 10 26	3 06 06.49	21 02 42	14 35				434013
12878	JUPITER	9010	63 10 26	3 06 12.09	21 07 42	13 34				434013
12889	SHIRAZ	9008	63 10 26	15 31 52.47	8 04 18	85 37				434013
12891	SFERMND0	9004	63 10 26	19 06 33.95	22 30 30	84 53				434013
30218	INDNAPLS	8624	63 10 27	0 30 37.8	18 18 35	43 53				845013
12890	JUPITER	9010	63 10 27	0 31 41.05	11 09 00	84 16				434013
12883	ORGNPASS	9001	63 10 27	2 19 09.92	15 46 18	79 51				434013
12879	JUPITER	9010	63 10 27	2 25 14.95	19 06 42	41 25				434013
12880	JUPITER	9010	63 10 27	2 25 20.55	19 12 06	41 10				434013
12900	MAUI,HA	9012	63 10 27	5 57 17.29	8 28 00	85 48				434013
12888	MAINITAL	9006	63 10 27	13 06 14.72	3 35 36	71 30				434013
12887	SFERMND0	9004	63 10 27	20 18 37.35	17 05 30	44 28				434013
12893	CURACAO	9009	63 10 28	1 51 50.85	21 00 24	56 07				434013
12894	CURACAO	9009	63 10 28	1 52 02.05	21 14 24	55 14				434013
12895	CURACAO	9009	63 10 28	1 52 07.65	21 21 24	54 45				434013
12896	CURACAO	9009	63 10 28	1 52 13.25	21 28 36	54 13				434013
12892	SFERMND0	9004	63 10 28	19 40 12.38	16 58 54	54 45				434013
12902	ORGNPASS	9001	63 10 29	2 53 40.38	17 23 36	49 05				434013
12901	V.DLORES	9011	63 10 29	5 16 54.02	9 49 06	-68 21				434023
12905	MAINITAL	9006	63 10 29	13 40 05.22	17 52 36	79 58				434013
12904	SHIRAZ	9008	63 10 29	15 27 54.72	17 41 36	78 29				434013
12903	WOOMERA	9003	63 10 29	16 03 24.94	16 48 00	-89 19				434023
12910	MAUI,HA	9012	63 10 30	5 53 17.86	17 26 00	76 56				434013

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12907	TOKYO	9005	63 10 30	9 26 59.70	20 49 42	55 49				434013
12908	MAINITAL	9006	63 10 30	13 02 53.49	0 57 24	67 03				434013
12913	SHIRAZ	9008	63 10 30	14 50 12.65	0 26 54	74 47				434013
12909	MAINITAL	9006	63 10 30	14 52 45.61	17 33 30	32 43				434013
12906	SFERNDD	9004	63 10 30	20 15 22.46	18 01 24	20 54				434013
12914	JUPITER	9010	63 10 30	23 50 27.37	0 11 42	75 44				434013
12911	ORGNPASS	9001	63 10 31	1 37 20.12	20 09 24	71 34				434013
12915	MAUI,HA	9012	63 10 31	5 15 40.15	0 15 36	79 14				434013
12912	MAINITAL	9006	63 10 31	14 15 25.24	18 30 12	38 50				434013
12924	JUPITER	9010	63 11 01	1 02 55.66	17 53 42	36 57				434013
12926	MAUI,HA	9012	63 11 01	4 39 26.99	1 45 06	45 00				434013
12927	MAUI,HA	9012	63 11 01	6 28 14.23	17 56 12	38 31				434013
12918	MAINITAL	9006	63 11 01	13 37 36.27	20 08 42	45 43				434013
12921	SHIRAZ	9008	63 11 01	15 25 14.13	19 41 06	45 45				434013
12925	JUPITER	9010	63 11 02	0 25 02.66	18 49 30	46 08				434013
12922	CURACAO	9009	63 11 02	0 29 04.72	19 00 18	52 33				434013
12928	MAUI,HA	9012	63 11 02	5 50 35.53	18 54 42	47 05				434013
12937	TOKYO	9005	63 11 02	9 23 20.90	19 41 30	18 19				434013
12919	MAINITAL	9006	63 11 02	12 59 05.99	21 37 54	52 21				434013
12920	MAINITAL	9006	63 11 02	14 50 43.38	18 34 42	- 0 48				434013
12916	WOOMERA	9003	63 11 02	15 19 34.65	20 02 00	-76 10				434023
12917	WOOMERA	9003	63 11 02	15 22 13.90	11 48 00	-71 59				434023
12923	CURACAO	9009	63 11 02	23 51 28.62	21 16 48	58 36				434013
12934	JUPITER	9010	63 11 03	1 40 16.01	19 09 24	-14 01				434013
12935	MAUI,HA	9012	63 11 03	5 13 14.55	21 41 48	46 57				434013
12936	MAUI,HA	9012	63 11 03	7 04 45.83	18 40 36	- 4 52				434013
12938	TOKYO	9005	63 11 03	8 45 17.10	20 59 30	19 20				434013
12931	MAINITAL	9006	63 11 03	14 13 20.41	19 19 42	- 7 44				434013
12929	WOOMERA	9003	63 11 03	14 41 20.93	16 10 00	-86 53				434023
12930	WOOMERA	9003	63 11 03	14 43 20.06	10 33 12	-69 40				434023
12939	SHIRAZ	9008	63 11 03	16 01 13.42	19 18 24	- 8 50				434013
12932	CURACAO	9009	63 11 03	23 14 08.55	0 01 54	44 51				434013
12933	CURACAO	9009	63 11 04	1 04 44.94	18 39 48	5 10				434013
12940	ORGNPASS	9001	63 11 04	2 47 42.85	18 34 18	- 9 29				434013
12942	MAUI,HA	9012	63 11 04	4 37 56.82	0 38 36	1 54				434013
12944	MAINITAL	9006	63 11 04	13 34 18.66	19 18 56	1 43				434013
12943	ORGNPASS	9001	63 11 05	2 08 45.14	18 20 36	- 3 35				434013
12949	MAUI,HA	9012	63 11 05	5 48 13.99	19 03 06	- 3 13				434013
12945	V.DLORES	9011	63 11 05	8 18 17.85	12 08 30	-62 48				434023
12946	WOOMERA	9003	63 11 05	13 24 16.32	7 19 24	-71 38				434023
12950	SHIRAZ	9008	63 11 05	14 42 35.21	18 48 24	19 15				434013
12947	CURACAO	9009	63 11 05	23 49 08.18	20 05 42	0 54				434013
12948	V.DLORES	9011	63 11 06	3 49 02.64	17 35 12	-81 20				434023
12953	MAUI,HA	9012	63 11 06	5 09 23.29	19 17 48	6 22				434013
12951	WOOMERA	9003	63 11 06	14 33 20.50	20 16 42	-42 01				434023
12952	CURACAO	9009	63 11 06	23 10 10.53	20 46 24	15 50				434013
30219	SUMMYVAL	8578	63 11 07	10 09 50.2	0 36 41	-21 07				845013
30220	SUMMYVAL	8578	63 11 07	10 09 55.0	0 41 55	-22 14				845013
12954	WOOMERA	9003	63 11 07	12 06 06.97	5 05 36	-55 27				434023
12955	WOOMERA	9003	63 11 07	13 53 29.36	20 08 48	-33 01				434023
12956	WOOMERA	9003	63 11 07	14 00 19.79	10 52 48	-70 24				434023
12957	WOOMERA	9003	63 11 07	15 52 18.19	16 01 48	-74 25				434023
12959	WOOMERA	9003	63 11 07	17 44 22.88	21 09 30	-71 15				434023
12961	JUPITER	9010	63 11 08	0 18 07.01	17 58 36	-15 46				434013
12958	AREQUIPA	9007	63 11 08	0 30 23.45	22 20 24	- 2 03				434013
12955	WOOMERA	9003	63 11 08	15 12 15.88	17 29 24	-72 07				434023
12957	WOOMERA	9003	63 11 08	17 05 41.48	19 41 30	-73 55				434023
12956	WOOMERA	9003	63 11 08	17 11 04.27	11 39 00	-44 35				434023
12965	JUPITER	9010	63 11 08	23 39 12.53	17 50 00	-11 21				434013
12960	CURACAO	9009	63 11 08	23 45 03.15	18 23 00	-20 52				434013
12959	AREQUIPA	9007	63 11 08	23 52 54.98	0 23 00	-10 38				434013
12962	V.DLORES	9011	63 11 09	1 49 43.12	21 19 06	-53 17				434023
12963	WOOMERA	9003	63 11 09	14 32 17.55	18 18 24	-67 12				434023
12964	WOOMERA	9003	63 11 09	14 34 17.00	14 30 48	-74 50				434023
12968	AREQUIPA	9007	63 11 10	1 05 51.40	19 18 30	-41 37				434023
12970	V.DLORES	9011	63 11 10	1 10 30.97	21 51 00	-44 19				434023
12971	V.DLORES	9011	63 11 10	3 04 55.62	18 28 24	-68 08				434023
12966	WOOMERA	9003	63 11 10	15 47 48.61	17 28 36	-73 57				434023
12967	WOOMERA	9003	63 11 10	15 50 57.12	11 53 36	-62 17				434023
12977	AREQUIPA	9007	63 11 11	0 26 51.66	19 44 00	-38 19				434023
12972	V.DLORES	9011	63 11 11	0 31 57.82	23 06 30	-41 28				434023
12973	V.DLORES	9011	63 11 11	2 25 52.17	18 27 24	-69 42				434023
12974	V.DLORES	9011	63 11 11	6 16 57.52	11 06 36	-64 10				434023
12975	V.DLORES	9011	63 11 11	8 10 10.64	6 24 42	-34 40				434023
12976	WOOMERA	9003	63 11 11	15 11 22.05	11 58 00	-65 38				434023
12979	V.DLORES	9011	63 11 11	23 53 12.64	23 57 18	-30 23				434023
12980	V.DLORES	9011	63 11 12	5 37 18.15	11 37 12	-69 37				434023
12981	V.DLORES	9011	63 11 12	7 31 02.57	6 49 18	-49 40				434023
12982	WOOMERA	9003	63 11 12	12 31 47.26	18 54 48	-37 18				434023

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12983	WOOMERA	9003	63 11 12	14 30 05.74	15 14 42	-74 05				434023
12984	WOOMERA	9003	63 11 12	16 29 46.56	10 32 18	-25 51				434023
12987	V.DLORES	9011	63 11 13	1 06 34.05	19 19 48	-55 10				434023
12988	V.DLORES	9011	63 11 13	3 02 10.01	16 02 00	-73 39				434023
12990	V.DLORES	9011	63 11 13	6 52 31.99	8 15 00	-50 24				434023
12986	AREQUIPA	9007	63 11 13	8 47 23.28	7 55 58	-35 14				434023
12991	WOOMERA	9003	63 11 13	11 59 10.88	8 59 54	-70 08				434023
12985	ORGNPASS	9001	63 11 13	12 37 58.07	11 29 42	-25 56				434023
12992	WOOMERA	9003	63 11 13	13 50 23.21	16 01 48	-72 40				434023
12993	WOOMERA	9003	63 11 13	15 43 12.48	19 12 54	-70 59				434023
12994	WOOMERA	9003	63 11 13	15 49 20.71	10 25 06	-40 18				434023
13000	AREQUIPA	9007	63 11 14	8 09 39.80	9 38 12	-24 14				434023
13001	JUPITER	9010	63 11 14	10 10 38.18	11 40 42	-23 05				434023
12995	WOOMERA	9003	63 11 14	11 19 07.74	8 06 36	-78 22				434023
12996	WOOMERA	9003	63 11 14	13 10 27.38	16 53 00	-68 31				434023
12997	WOOMERA	9003	63 11 14	13 12 20.86	13 10 12	-74 09				434023
12998	WOOMERA	9003	63 11 14	15 04 47.36	17 20 18	-74 52				434023
12999	WOOMERA	9003	63 11 14	15 09 36.38	10 19 36	-47 31				434023
13002	MAUI,HA	9012	63 11 14	15 33 56.86	11 02 48	-13 28				434013
13005	V.DLORES	9011	63 11 15	1 42 39.28	17 23 48	-65 48				434023
13006	V.DLORES	9011	63 11 15	3 38 27.21	13 55 12	-75 10				434023
13004	AREQUIPA	9007	63 11 15	7 29 41.36	9 44 30	-43 59				434023
13012	WOOMERA	9003	63 11 15	12 29 57.73	17 39 48	-57 53				434023
13013	WOOMERA	9003	63 11 15	12 33 33.39	11 53 48	-73 46				434023
13015	WOOMERA	9003	63 11 15	14 29 18.88	10 29 18	-58 28				434023
13037	MAUI,HA	9012	63 11 15	14 54 58.06	11 09 48	-19 30				434013
13007	OLFSFTN	9002	63 11 15	17 50 58.17	8 45 00	-80 50				434023
13031	SHIRAZ	9008	63 11 16	1 46 47.89	11 19 24	- 3 20				434013
13028	AREQUIPA	9007	63 11 16	6 50 21.38	10 03 12	-49 35				434023
13029	AREQUIPA	9007	63 11 16	8 43 41.22	5 26 12	6 23				434013
13016	WOOMERA	9003	63 11 16	11 50 55.87	17 24 18	-58 29				434023
13017	WOOMERA	9003	63 11 16	11 54 16.97	11 33 30	-75 29				434023
13018	WOOMERA	9003	63 11 16	13 46 29.54	16 03 42	-72 43				434023
13019	WOOMERA	9003	63 11 16	13 48 39.24	11 34 12	-70 08				434023
13008	OLFSFTN	9002	63 11 16	22 52 14.88	18 16 06	-80 37				434023
13009	OLFSFTN	9002	63 11 16	22 58 24.41	9 52 30	-30 08				434023
13034	V.DLORES	9011	63 11 17	0 23 47.61	17 44 18	-59 15				434023
13035	V.DLORES	9011	63 11 17	2 19 36.87	14 27 30	-74 12				434023
13036	V.DLORES	9011	63 11 17	4 15 23.04	10 11 12	-68 10				434023
13030	AREQUIPA	9007	63 11 17	8 04 44.05	5 59 24	- 6 06				434013
13020	WOOMERA	9003	63 11 17	11 09 52.67	17 41 36	-39 37				434023
13021	WOOMERA	9003	63 11 17	11 15 17.37	10 25 00	-76 13				434023
13022	WOOMERA	9003	63 11 17	13 07 58.11	14 19 00	-73 59				434023
13023	WOOMERA	9003	63 11 17	13 09 31.56	11 14 06	-69 42				434023
13024	WOOMERA	9003	63 11 17	15 00 08.31	19 27 18	-70 09				434023
13025	WOOMERA	9003	63 11 17	15 07 59.11	9 20 00	-21 29				434013
30222	QUEZON	0500	63 11 17	20 51 54.71	7 36 55	25 26				845013
13010	OLFSFTN	9002	63 11 17	22 13 40.56	14 52 18	-80 04				434023
13027	NAINITAL	9006	63 11 17	22 40 50.64	11 11 00	-15 52				434013
13038	SHIRAZ	9008	63 11 18	0 28 38.99	11 05 30	-16 56				434013
13011	OLFSFTN	9002	63 11 18	2 05 18.12	4 49 06	36 48				434013
13026	SFERNDDO	9004	63 11 18	5 57 52.47	10 40 42	10 58				434013
13033	CURACAO	9009	63 11 18	9 25 53.92	6 21 30	22 36				434013
13039	ORGNPASS	9001	63 11 18	11 17 25.10	11 08 42	-11 29				434013
13041	WOOMERA	9003	63 11 18	14 21 29.22	17 58 00	-73 45				434023
13042	WOOMERA	9003	63 11 18	14 28 07.52	9 10 36	-31 28				434023
13040	OLFSFTN	9002	63 11 18	17 43 34.98	16 30 30	-57 38				434023
30223	QUEZON	0500	63 11 18	20 12 50.55	8 23 39	10 22				845013
13046	SHIRAZ	9008	63 11 19	1 41 56.26	8 50 30	16 03				434013
13043	SFERNDDO	9004	63 11 19	5 18 56.03	10 45 12	1 47				434013
13047	CURACAO	9009	63 11 19	8 47 33.60	7 40 12	21 48				434013
13060	JUPITER	9010	63 11 19	8 48 55.46	10 40 42	-17 28				434013
13048	ORGNPASS	9001	63 11 19	10 38 24.50	10 56 54	-16 09				434013
13061	JUPITER	9010	63 11 19	10 41 14.55	7 27 18	29 32				434013
13049	WOOMERA	9003	63 11 19	13 42 20.83	17 00 06	-72 45				434023
13050	WOOMERA	9003	63 11 19	13 47 52.52	9 05 06	-43 45				434023
13051	WOOMERA	9003	63 11 19	15 37 34.56	2 11 48	-70 38				434023
13052	NAINITAL	9006	63 11 19	23 15 06.91	9 25 42	4 59				434013
13148	V.DLORES	9011	63 11 20	2 16 45.21	11 56 00	-74 27				434023
13149	V.DLORES	9011	63 11 20	4 09 52.98	23 22 00	-86 42				434023
30221	SLVRSRPN	8632	63 11 20	10 02 41.3			135 00 00	89 55 00		845303
13054	WOOMERA	9003	63 11 20	11 08 44.86	15 57 12	-64 46				434023
13057	MAUI,HA	9012	63 11 20	13 35 41.24	11 24 42	10 08				434013
13055	WOOMERA	9003	63 11 20	14 59 02.58	4 57 18	-77 02				434023
13058	MAUI,HA	9012	63 11 20	15 25 29.74	5 39 48	37 36				434013
13059	SHIRAZ	9008	63 11 21	0 24 54.02	10 17 36	3 43				434013
13062	V.DLORES	9011	63 11 21	1 37 22.24	12 09 06	-74 30				434023
13056	SFERNDDO	9004	63 11 21	4 01 21.78	10 46 12	- 8 25				434013
13064	SFERNDDO	9004	63 11 21	5 52 54.96	7 56 00	28 32				434013
13063	WOOMERA	9003	63 11 21	12 27 50.32	9 14 48	-60 49				434023
13076	V.DLORES	9011	63 11 22	0 58 18.70	11 33 42	-73 59				434023
13077	V.DLORES	9011	63 11 22	2 52 09.58	10 51 00	-80 34				434023

GBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
13065	SFERNNDO	9004	63 11 22	5 14 43.03	9 12 12	28 29				434013
13066	JUPITER	9010	63 11 22	8 42 53.35	8 00 00	-20 58				434013
13068	JUPITER	9010	63 11 22	8 43 04.55	8 08 00	-19 07				434013
13069	JUPITER	9010	63 11 22	8 43 10.15	8 12 00	-18 10				434013
13070	JUPITER	9010	63 11 22	8 43 15.75	8 16 12	-17 10				434013
13075	CURACAO	9009	63 11 22	8 46 31.56	7 03 06	75 58				434013
13078	ORGNPASS	9001	63 11 22	10 37 32.54	12 18 24	21 37				434013
13071	JUPITER	9010	63 11 22	10 37 32.54	5 05 00	49 19				434013
13072	JUPITER	9010	63 11 22	10 37 43.74	5 07 00	52 00				434013
13073	JUPITER	9010	63 11 22	10 37 49.34	5 08 30	53 22				434013
13074	JUPITER	9010	63 11 22	10 37 54.94	5 10 00	54 30				434013
13089	WOOMERA	9003	63 11 22	11 47 14.29	10 27 24	-71 05				434023
13081	ORGNPASS	9001	63 11 22	12 26 56.11	6 31 06	53 18				434013
13090	WOOMERA	9003	63 11 22	13 37 35.13	18 43 00	-65 54				434023
13091	WOOMERA	9003	63 11 22	13 42 21.25	8 08 00	-59 17				434023
13105	MAUI,HA	9012	63 11 22	14 10 18.18	10 21 42	52 45				434013
13108	TOKYO	9005	63 11 22	19 38 10.70	8 30 36	42 25				434013
13095	NAINITAL	9006	63 11 22	21 21 59.90	11 37 42	10 04				434013
13096	NAINITAL	9006	63 11 22	23 13 26.63	10 44 00	63 34				434013
13099	JUPITER	9010	63 11 23	8 06 30.28	9 59 24	- 1 46				434013
13100	JUPITER	9010	63 11 23	8 06 41.48	10 06 42	0 07				434013
13101	JUPITER	9010	63 11 23	8 06 47.08	10 10 12	0 59				434013
13102	JUPITER	9010	63 11 23	8 06 52.68	10 13 48	1 52				434013
13082	ORGNPASS	9001	63 11 23	9 55 33.90	10 09 36	- 6 22				434013
13083	ORGNPASS	9001	63 11 23	9 55 39.50	10 12 42	- 5 37				434013
13084	ORGNPASS	9001	63 11 23	9 55 45.10	10 16 18	- 4 45				434013
13085	ORGNPASS	9001	63 11 23	9 55 50.70	10 19 48	- 3 59				434013
30225	S.P.TRSBG	8604	63 11 23	10 00 06.10	8 55 00	68 47				845013
13106	MAUI,HA	9012	63 11 23	15 23 08.61	3 42 48	62 30				434013
13097	NAINITAL	9006	63 11 23	22 35 17.17	11 57 24	52 03				434013
13098	SHIRAZ	9008	63 11 24	0 23 20.77	12 05 30	52 12				434013
13103	V.DLORES	9011	63 11 24	1 34 07.48	10 20 48	-74 37				434023
13104	V.DLORES	9011	63 11 24	3 25 54.85	21 38 00	-69 36				434023
13088	ORGNPASS	9001	63 11 24	11 11 45.45	12 19 30	55 09				434013
13093	WOOMERA	9003	63 11 24	12 25 50.85	7 52 48	-42 39				434023
13094	WOOMERA	9003	63 11 24	14 14 48.31	23 25 30	-65 03				434023
13109	SHIRAZ	9008	63 11 25	1 35 36.91	4 00 00	72 02				434013
13107	SFERNNDO	9004	63 11 26	4 34 27.08	12 48 18	58 55				434013
13112	WOOMERA	9003	63 11 26	12 59 49.51	6 26 00	-50 00				434023
13113	TOKYO	9005	63 11 26	18 57 46.50	13 08 54	68 23				434013
13114	NAINITAL	9006	63 11 26	22 32 12.40	14 05 36	70 54				434013
13115	NAINITAL	9006	63 11 27	0 21 04.22	3 05 06	52 12				434013
13116	CURACAO	9009	63 11 27	7 23 41.30	4 14 54	70 38				434013
13117	CURACAO	9009	63 11 27	7 23 46.90	4 19 12	71 33				434013
13119	ORGNPASS	9001	63 11 27	9 14 36.77	10 46 48	21 44				434013
13120	ORGNPASS	9001	63 11 27	9 14 42.37	10 50 00	22 15				434013
13121	ORGNPASS	9001	63 11 27	9 14 47.97	10 54 12	22 46				434013
13122	ORGNPASS	9001	63 11 27	9 14 53.57	10 57 36	23 13				434013
13124	ORGNPASS	9001	63 11 27	11 07 24.10	12 16 00	79 13				434013
13125	ORGNPASS	9001	63 11 27	11 07 29.70	12 36 00	78 37				434013
13126	ORGNPASS	9001	63 11 27	11 07 40.90	13 11 00	77 12				434013
13127	ORGNPASS	9001	63 11 27	11 07 46.50	13 24 18	76 26				434013
13135	WOOMERA	9003	63 11 27	14 10 24.78	23 09 36	-36 20				434023
13137	TOKYO	9005	63 11 27	20 10 33.10	2 17 48	79 11				434013
13138	NAINITAL	9006	63 11 27	23 44 00.98	1 49 24	70 52				434013
13145	SHIRAZ	9008	63 11 28	1 31 53.65	1 54 12	70 24				434013
13146	V.DLORES	9011	63 11 28	2 43 05.83	22 07 00	-58 22				434023
13140	JUPITER	9010	63 11 28	8 35 25.92	3 44 18	35 14				434013
13128	ORGNPASS	9001	63 11 28	8 35 25.92	10 14 24	11 59				434013
13141	JUPITER	9010	63 11 28	8 35 31.52	3 46 00	36 35				434013
13142	JUPITER	9010	63 11 28	8 35 37.12	3 48 00	37 53				434013
13130	ORGNPASS	9001	63 11 28	8 35 38.12	10 21 12	13 08				434013
13143	JUPITER	9010	63 11 28	8 35 42.72	3 49 48	39 17				434013
13144	JUPITER	9010	63 11 28	8 35 48.32	3 51 12	40 40				434013
13132	ORGNPASS	9001	63 11 28	8 35 49.32	10 28 06	14 18				434013
13133	ORGNPASS	9001	63 11 28	12 21 20.03	23 38 00	79 16				434013
13136	WOOMERA	9003	63 11 28	13 32 43.80	0 20 18	-44 39				434023
13152	TOKYO	9005	63 11 28	19 33 14.40	17 02 48	76 26				434013
13139	NAINITAL	9006	63 11 28	23 06 47.37	19 56 30	80 58				434013
13147	SHIRAZ	9008	63 11 29	0 55 04.31	18 53 30	79 02				434013
13150	WOOMERA	9003	63 11 29	12 54 38.61	2 11 30	-51 23				434023
13154	NAINITAL	9006	63 11 29	22 28 47.65	16 33 48	73 20				434013
13151	SFERNNDO	9004	63 11 30	5 43 53.75	22 02 00	82 26				434013
13153	TOKYO	9005	63 11 30	20 07 09.40	23 30 00	79 46				434013
13155	NAINITAL	9006	63 12 01	23 02 41.81	21 28 48	76 37				434013
13157	ORGNPASS	9001	63 12 02	9 45 18.68	12 00 06	81 22				434013
13158	ORGNPASS	9001	63 12 02	9 45 24.28	12 21 12	80 30				434013
13159	ORGNPASS	9001	63 12 02	9 45 29.88	12 38 00	79 40				434013
13160	ORGNPASS	9001	63 12 02	9 45 35.48	12 51 00	78 46				434013
13161	SFERNNDO	9004	63 12 03	5 40 34.19	19 27 30	78 58				434013
13162	ORGNPASS	9001	63 12 03	12 53 08.28	22 35 36	77 24				434013

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13163	V.DLORES	9011	63 12 04	2 35 14.75	22 25 06	- 6 53				434C13
13170	DLFSFTN	9002	63 12 04	18 47 23.90	4 07 42	-17 17				434C13
13164	SFERNNDO	9004	63 12 05	6 15 40.46	18 51 42	83 49				434013
13165	ORGNPASS	9001	63 12 05	7 46 55.76	7 35 06	49 49				434C13
13167	ORGNPASS	9001	63 12 05	7 47 06.96	7 54 00	50 55				434013
13168	ORGNPASS	9001	63 12 05	7 47 12.56	8 03 30	51 22				434013
13169	ORGNPASS	9001	63 12 05	7 47 18.16	8 13 06	51 46				434013
13193	TOKYO	9005	63 12 05	20 37 06.40	3 09 06	68 58				434013
13171	NAINITAL	9006	63 12 06	0 14 21.58	19 55 36	75 02				434C13
13172	JUPITER	9010	63 12 06	5 15 53.50	3 28 36	8 24				434C13
13173	JUPITER	9010	63 12 06	5 15 59.10	3 32 36	9 44				434013
13174	JUPITER	9010	63 12 06	5 16 04.70	3 37 18	11 17				434013
13175	JUPITER	9010	63 12 06	5 16 10.30	3 41 48	12 44				434013
13176	JUPITER	9010	63 12 06	5 16 15.90	3 46 30	14 13				434013
13211	V.DLORES	9011	63 12 07	0 40 11.99	23 16 36	-22 39				434013
13179	ORGNPASS	9001	63 12 07	6 28 39.65	7 13 12	19 45				434013
13180	ORGNPASS	9001	63 12 07	6 28 45.25	7 19 00	20 37				434013
13181	ORGNPASS	9001	63 12 07	6 28 50.85	7 24 18	21 25				434013
13182	ORGNPASS	9001	63 12 07	6 28 56.45	7 29 36	22 12				434013
13192	WOOMERA	9003	63 12 07	11 32 04.08	1 51 42	26 50				434C13
13212	V.DLORES	9011	63 12 08	1 53 41.40	22 25 42	12 32				434013
13183	ORGNPASS	9001	63 12 08	5 52 10.98	8 46 24	24 03				434C13
13184	ORGNPASS	9001	63 12 08	5 52 16.58	8 49 42	24 22				434C13
13185	ORGNPASS	9001	63 12 08	5 52 22.18	8 53 06	24 42				434013
13186	ORGNPASS	9001	63 12 08	5 52 27.78	8 56 30	25 02				434C13
13187	ORGNPASS	9001	63 12 08	11 30 32.97	22 43 48	76 29				434013
13189	ORGNPASS	9001	63 12 08	11 30 44.17	22 13 36	77 14				434C13
13191	ORGNPASS	9001	63 12 08	11 30 49.67	21 57 48	77 28				434013
13190	ORGNPASS	9001	63 12 08	11 30 55.27	21 41 00	77 41				434C13
13223	TOKYO	9005	63 12 08	20 35 41.10	12 07 24	78 15				434013
13194	NAINITAL	9006	63 12 09	0 11 34.19	17 06 12	71 02				434013
13203	JUPITER	9010	63 12 09	3 21 19.90	6 28 12	3 09				434C13
13195	CURACAO	9009	63 12 09	3 21 19.90	3 31 36	68 33				434C13
13204	JUPITER	9010	63 12 09	3 21 25.50	6 32 06	4 01				434C13
13196	CURACAO	9009	63 12 09	3 21 25.50	3 40 36	69 16				434013
13205	JUPITER	9010	63 12 09	3 21 31.10	6 35 54	4 59				434C13
13197	CURACAO	9009	63 12 09	3 21 31.10	3 51 00	69 59				434C13
13206	JUPITER	9010	63 12 09	3 21 36.70	6 39 42	5 52				434013
13207	JUPITER	9010	63 12 09	3 21 42.30	6 43 30	6 43				434013
13198	CURACAO	9009	63 12 09	3 21 42.30	4 11 12	71 11				434013
13208	JUPITER	9010	63 12 09	5 10 23.52	0 46 54	13 15				434013
13209	JUPITER	9010	63 12 09	5 10 29.12	0 48 12	14 14				434013
13210	JUPITER	9010	63 12 09	5 10 34.72	0 49 24	15 20				434013
13217	ORGNPASS	9001	63 12 09	10 54 44.27	16 25 06	59 58				434013
13222	JUPITER	9010	63 12 09	11 00 07.03	16 48 54	67 34				434013
13218	WOOMERA	9003	63 12 09	12 02 19.34	21 49 30	8 13				434013
13219	WOOMERA	9003	63 12 09	12 04 24.08	22 46 06	23 11				434013
13216	ORGNPASS	9001	63 12 09	12 47 24.54	15 13 30	69 22				434013
13221	NAINITAL	9006	63 12 09	23 32 04.04	17 36 24	72 43				434013
13220	SFERNNDO	9004	63 12 10	4 56 00.83	15 15 42	52 54				434013
13224	JUPITER	9010	63 12 10	10 20 28.15	17 19 30	70 55				434C13
13225	JUPITER	9010	63 12 11	3 54 49.59	2 57 06	32 32				434013
13226	JUPITER	9010	63 12 11	3 54 55.19	3 03 42	34 13				434013
13227	JUPITER	9010	63 12 11	3 55 00.79	3 10 00	35 50				434C13
13228	JUPITER	9010	63 12 11	3 55 06.39	3 16 12	37 20				434C13
13237	JUPITER	9010	63 12 12	5 07 30.13	23 36 24	36 58				434013
13238	JUPITER	9010	63 12 12	5 07 35.73	23 36 24	38 01				434013
13239	JUPITER	9010	63 12 12	5 07 41.33	23 36 24	39 02				434013
13240	JUPITER	9010	63 12 12	5 07 46.93	23 36 24	40 04				434013
13247	SFERNNDO	9004	63 12 12	5 31 28.04	13 40 36	37 42				434013
13241	JUPITER	9010	63 12 12	10 56 32.59	14 11 30	63 12				434013
13248	TOKYO	9005	63 12 12	19 54 46.30	13 04 06	38 53				434013
13316	CURACAO	9009	63 12 13	2 39 15.66	1 13 00	80 43				434013
13317	CURACAO	9009	63 12 13	2 39 26.86	1 38 00	82 08				434C13
13318	CURACAO	9009	63 12 13	2 39 32.46	1 53 00	82 47				434013
13319	CURACAO	9009	63 12 13	2 39 38.06	2 11 00	83 23				434013
13242	ORGNPASS	9001	63 12 13	4 28 19.28	6 31 42	18 57				434013
13243	ORGNPASS	9001	63 12 13	4 28 24.88	6 36 06	19 35				434C13
13244	ORGNPASS	9001	63 12 13	4 28 41.68	6 49 24	21 24				434013
13251	NAINITAL	9006	63 12 13	22 51 22.12	15 07 18	49 35				434C13
13255	CURACAO	9009	63 12 14	1 57 17.02	23 54 06	48 42				434013
13263	JUPITER	9010	63 12 14	1 57 17.02	3 50 12	-13 53				434013
13264	JUPITER	9010	63 12 14	1 57 22.62	3 54 06	-12 50				434013
13256	CURACAO	9009	63 12 14	1 57 22.62	23 57 00	49 57				434013
13265	JUPITER	9010	63 12 14	1 57 28.22	3 58 42	-11 40				434C13
13266	JUPITER	9010	63 12 14	1 57 33.82	4 03 12	-10 34				434C13
13258	CURACAO	9009	63 12 14	1 57 33.82	0 04 30	52 40				434013
13267	JUPITER	9010	63 12 14	1 57 39.42	4 08 24	- 9 34				434C13
13259	CURACAO	9009	63 12 14	1 57 39.42	0 08 24	53 57				434C13
13245	ORGNPASS	9001	63 12 14	11 26 52.38	14 08 00	45 32				434C13
13276	MAUI, HA	9012	63 12 14	15 04 28.85	15 30 42	57 41				434013
13246	DLFSFTN	9002	63 12 14	17 55 44.52	21 59 42	31 08				434C13

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13249	TOKYO	9005	63 12 14	18 38 23.20	14 01 06	27 06				434013
13250	TOKYO	9005	63 12 14	20 29 04.90	10 02 42	10 10				434013
13252	NAINITAL	9006	63 12 14	22 12 52.99	14 59 12	44 34				434013
13253	NAINITAL	9006	63 12 15	0 05 15.06	12 14 30	34 38				434013
13261	CURACAO	9009	63 12 15	1 18 28.54	1 01 12	47 21				434013
13262	CURACAO	9009	63 12 15	1 18 39.74	1 07 42	48 51				434013
13271	JUPITER	9010	63 12 15	3 10 08.75	23 49 42	20 00				434013
13272	JUPITER	9010	63 12 15	3 10 14.35	23 51 48	21 19				434013
13273	JUPITER	9010	63 12 15	3 10 19.95	23 53 48	22 42				434013
13274	JUPITER	9010	63 12 15	3 10 25.55	23 55 54	24 06				434013
13275	JUPITER	9010	63 12 15	3 10 31.15	23 58 06	25 28				434013
13278	ORGNPASS	9001	63 12 15	6 56 39.33	19 17 00	81 04				434013
13280	ORGNPASS	9001	63 12 15	6 56 50.54	18 22 30	81 28				434013
13281	ORGNPASS	9001	63 12 15	6 56 56.14	17 55 00	81 29				434013
13282	ORGNPASS	9001	63 12 15	6 57 01.74	17 28 00	81 22				434013
13283	ORGNPASS	9001	63 12 15	10 48 40.23	14 18 24	37 40				434013
13284	ORGNPASS	9001	63 12 15	12 40 18.85	10 31 18	17 10				434013
13277	MAUI, HA	9012	63 12 15	14 24 41.98	15 45 12	63 07				434013
13290	TOKYO	9005	63 12 15	18 00 08.80	14 01 06	23 28				434013
13291	TOKYO	9005	63 12 15	19 50 50.60	11 02 12	12 15				434013
13254	NAINITAL	9006	63 12 15	23 26 56.71	13 15 48	31 36				434013
13294	MAUI, HA	9012	63 12 16	5 59 12.08	0 40 36	-46 02				434023
13289	ORGNPASS	9001	63 12 16	10 10 29.75	14 13 48	31 39				434013
13288	ORGNPASS	9001	63 12 16	12 02 02.59	11 40 00	19 00				434013
13295	MAUI, HA	9012	63 12 16	15 39 38.86	12 22 48	50 04				434013
13292	TOKYO	9005	63 12 16	19 13 51.00	12 37 30	-0 00				434013
13293	NAINITAL	9006	63 12 16	22 49 01.83	13 51 00	22 59				434013
13305	CURACAO	9009	63 12 16	23 57 10.60	23 54 18	-30 34				434023
13308	MAUI, HA	9012	63 12 17	5 21 39.90	2 09 00	-40 50				434023
13306	CURACAO	9009	63 12 17	9 40 25.67	14 07 00	45 57				434013
13302	NAINITAL	9006	63 12 17	14 23 38.59	0 46 36	-37 30				434023
13309	MAUI, HA	9012	63 12 17	15 03 11.41	14 08 18	19 39				434013
13301	TOKYO	9005	63 12 17	18 35 14.30	12 54 24	4 06				434013
13303	NAINITAL	9006	63 12 17	22 10 47.82	13 58 24	19 50				434013
13307	CURACAO	9009	63 12 17	23 19 32.86	1 44 36	-24 53				434023
13304	NAINITAL	9006	63 12 18	0 01 28.53	10 07 06	-0 26				434013
13310	ORGNPASS	9001	63 12 18	10 45 52.12	13 09 24	12 59				434013
13311	ORGNPASS	9001	63 12 18	10 45 57.72	13 10 42	12 05				434013
13312	ORGNPASS	9001	63 12 18	10 46 03.32	13 12 00	11 10				434013
13314	ORGNPASS	9001	63 12 18	10 46 14.52	13 14 42	9 25				434013
13315	ORGNPASS	9001	63 12 18	12 36 39.66	9 14 54	-12 50				434013
13332	NAINITAL	9006	63 12 18	13 45 53.04	1 51 24	-35 02				434023
30226	N. ORLEAN	0230	63 12 18	19 45 26.0	10 06 54	17 06				845013
13331	TOKYO	9005	63 12 18	19 47 14.90	9 43 00	-15 27				434013
13333	NAINITAL	9006	63 12 18	23 24 04.44	11 43 24	-7 50				434013
13342	JUPITER	9010	63 12 19	0 33 25.52	1 07 42	-28 21				434023
13320	CURACAO	9009	63 12 19	0 33 25.52	21 44 48	25 58				434013
13343	JUPITER	9010	63 12 19	0 33 31.12	1 11 36	-27 35				434023
13321	CURACAO	9009	63 12 19	0 33 31.12	21 46 06	27 12				434013
13344	JUPITER	9010	63 12 19	0 33 36.72	1 15 48	-26 43				434023
13345	JUPITER	9010	63 12 19	0 33 42.32	1 19 54	-25 54				434023
13346	JUPITER	9010	63 12 19	0 33 47.92	1 24 00	-25 03				434023
13222	CURACAO	9009	63 12 19	0 33 47.92	21 51 18	31 03				434013
13358	MAUI, HA	9012	63 12 19	5 55 56.85	22 45 30	-17 23				434013
13340	JUPITER	9010	63 12 19	8 20 36.13	13 56 12	17 35				434013
13350	JUPITER	9010	63 12 19	10 06 41.26	6 06 42	41 32				434013
13351	JUPITER	9010	63 12 19	10 06 46.86	6 11 42	41 20				434013
13352	JUPITER	9010	63 12 19	10 06 52.46	6 17 18	41 04				434013
13353	JUPITER	9010	63 12 19	10 06 58.06	6 22 42	40 48				434013
13341	JUPITER	9010	63 12 19	10 12 17.97	11 24 42	-12 38				434013
13325	ORGNPASS	9001	63 12 19	11 58 56.59	10 19 54	-17 16				434013
13334	NAINITAL	9006	63 12 19	13 08 35.23	2 59 42	-25 44				434023
13371	SHIRAZ	9008	63 12 19	14 56 13.55	2 47 18	-28 07				434023
13380	TOKYO	9005	63 12 19	19 09 06.80	10 29 36	-15 30				434013
13335	NAINITAL	9006	63 12 19	22 45 56.12	12 28 54	-6 16				434013
13338	CURACAO	9009	63 12 19	23 53 57.87	21 50 54	12 25				434013
13336	NAINITAL	9006	63 12 20	0 34 06.84	7 30 48	-7 04				434013
13363	ORGNPASS	9001	63 12 20	1 48 53.65	5 06 18	8 55				434013
13364	ORGNPASS	9001	63 12 20	1 48 59.25	5 09 12	9 29				434013
13365	ORGNPASS	9001	63 12 20	1 49 04.85	5 12 30	10 06				434013
13405	MAUI, HA	9012	63 12 20	5 18 25.46	0 14 48	-13 38				434013
13406	MAUI, HA	9012	63 12 20	7 10 11.27	21 12 42	20 44				434013
13366	ORGNPASS	9001	63 12 20	9 21 54.83	0 39 00	84 34				434013
13360	ORGNPASS	9001	63 12 20	9 27 30.40	13 07 24	25 39				434013
13361	ORGNPASS	9001	63 12 20	9 27 41.60	13 08 24	23 54				434013
13362	ORGNPASS	9001	63 12 20	9 27 52.80	13 09 24	22 15				434013
13339	CURACAO	9009	63 12 20	9 36 49.74	11 31 36	19 58				434013
13407	MAUI, HA	9012	63 12 20	14 58 43.91	11 48 54	0 09				434013
13385	CURACAO	9009	63 12 20	23 16 15.18	23 14 24	22 20				434013
13381	NAINITAL	9006	63 12 20	23 57 36.23	8 40 48	-21 53				434013
13372	ORGNPASS	9001	63 12 21	1 06 55.10	3 11 36	-19 35				434013
13388	JUPITER	9010	63 12 21	1 09 53.98	23 11 54	28 59				434013
13389	JUPITER	9010	63 12 21	1 09 59.58	23 15 30	30 27				434013
13390	JUPITER	9010	63 12 21	1 10 05.18	23 19 36	32 09				434013
13391	JUPITER	9010	63 12 21	1 10 10.78	23 23 30	33 42				434013

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13392	JUPITER	9010	63 12 21	1 10 16.38	23 27 36	35 25				434C13
13384	SHIRAZ	9008	63 12 21	1 45 27.07	8 37 48	-22 19				434C13
13408	MAUI, HA	9012	63 12 21	6 32 15.57	21 14 06	27 34				434C13
13386	JUPITER	9010	63 12 21	8 55 58.74	12 48 30	- 8 09				434C13
13387	JUPITER	9010	63 12 21	10 45 21.36	8 12 18	-20 16				434C13
13382	MAINITAL	9006	63 12 21	13 41 41.42	23 40 18	-19 02				434C13
13409	MAUI, HA	9012	63 12 21	14 21 10.71	12 56 00	- 5 16				434C13
13418	SHIRAZ	9008	63 12 21	15 29 37.16	23 38 06	-18 56				434C13
13378	SFERNNDO	9004	63 12 21	19 06 26.46	1 21 12	-25 00				434C23
13383	MAINITAL	9006	63 12 21	23 19 56.68	9 40 24	-27 52				434C23
13398	JUPITER	9010	63 12 22	0 30 54.32	23 49 30	18 01				434C13
13399	JUPITER	9010	63 12 22	0 30 59.92	23 54 06	19 35				434C13
13400	JUPITER	9010	63 12 22	0 31 05.52	23 58 48	21 15				434C13
13410	ORGNPASS	9001	63 12 22	2 22 34.52	4 01 24	39 10				434C13
13401	JUPITER	9010	63 12 22	2 22 34.52	21 07 54	31 55				434C13
13411	ORGNPASS	9001	63 12 22	2 22 40.12	4 08 48	39 43				434C13
13402	JUPITER	9010	63 12 22	2 22 40.12	21 07 42	32 45				434C13
13412	ORGNPASS	9001	63 12 22	2 22 45.72	4 16 36	40 16				434C13
13403	JUPITER	9010	63 12 22	2 22 45.72	21 07 18	33 38				434C13
13413	ORGNPASS	9001	63 12 22	2 22 51.32	4 23 54	40 45				434C13
13404	JUPITER	9010	63 12 22	2 22 51.32	21 07 06	34 28				434C13
13379	SFERNNDO	9004	63 12 22	4 42 35.29	9 57 42	-32 39				434C23
13422	MAUI, HA	9012	63 12 22	5 52 43.11	21 12 30	16 12				434C13
30230	TAIPEI	0507	63 12 22	11 21 12.6	1 27 24	71 06				845C13
13414	ORGNPASS	9001	63 12 22	11 54 53.78	8 47 48	-30 43				434C23
13415	MAINITAL	9006	63 12 22	13 04 16.67	1 15 24	-12 42				434C13
13428	SHIRAZ	9008	63 12 22	14 52 04.17	1 05 42	-14 17				434C13
13416	MAINITAL	9006	63 12 22	14 55 27.81	21 26 54	17 38				434C13
13423	MAUI, HA	9012	63 12 22	15 33 09.77	8 42 54	-27 00				434C23
13429	SHIRAZ	9008	63 12 22	16 42 57.02	21 23 36	13 20				434C13
13417	MAINITAL	9006	63 12 22	22 42 27.65	10 53 18	-31 38				434C23
13433	JUPITER	9010	63 12 22	23 51 10.89	23 49 42	- 5 35				434C13
13430	CURACAO	9009	63 12 22	23 51 29.06	20 29 36	44 19				434C13
13419	JUPITER	9010	63 12 23	1 43 23.67	20 59 18	27 54				434C13
13420	JUPITER	9010	63 12 23	1 43 29.27	20 59 24	28 50				434C13
13421	JUPITER	9010	63 12 23	1 43 34.87	20 59 30	29 45				434C13
13426	ORGNPASS	9001	63 12 23	1 43 40.47	3 53 12	25 21				434C13
13431	CURACAO	9009	63 12 23	9 33 04.97	9 00 24	-18 05				434C13
13427	MAINITAL	9006	63 12 23	14 17 02.50	21 35 48	18 12				434C13
13434	MAUI, HA	9012	63 12 23	14 57 39.85	11 13 30	-46 58				434C23
13441	SHIRAZ	9008	63 12 23	16 04 43.21	21 31 54	15 06				434C13
13432	CURACAO	9009	63 12 23	23 11 46.65	20 30 06	34 09				434C13
13435	ORGNPASS	9001	63 12 24	1 04 01.72	3 08 36	8 14				434C13
13436	ORGNPASS	9001	63 12 24	2 52 51.15	21 29 54	14 27				434C13
13440	AREQUIPA	9007	63 12 24	8 59 58.51	13 41 00	27 20				434C13
13437	MAINITAL	9006	63 12 24	13 38 34.86	22 01 06	17 43				434C13
13444	SHIRAZ	9008	63 12 24	15 26 51.70	22 09 48	22 36				434C13
13438	MAINITAL	9006	63 12 25	13 01 08.21	23 45 24	32 26				434C13
13439	MAINITAL	9006	63 12 25	14 53 03.87	20 24 18	41 57				434C13
13446	JUPITER	9010	63 12 25	23 48 17.46	21 59 48	41 12				434C13
13442	ORGNPASS	9001	63 12 26	3 29 15.57	20 33 24	41 02				434C13
13445	CURACAO	9009	63 12 26	9 29 06.74	7 22 42	-32 26				434C23
13443	MAINITAL	9006	63 12 26	14 14 06.49	20 19 00	41 22				434C13
30227	WICHITA	8605	63 12 27	1 01 41.17	0 45 01	38 50				845C13
30228	WICHITA	8605	63 12 27	1 01 41.23	0 45 12	38 53				845C13
13461	JUPITER	9010	63 12 27	1 02 41.80	19 40 00	53 48				434C13
13453	OLFSFTN	9002	63 12 27	1 43 16.44	12 38 18	37 29				434C13
13454	OLFSFTN	9002	63 12 27	1 47 33.62	14 25 54	6 12				434C13
13452	ORGNPASS	9001	63 12 27	2 50 39.50	20 25 06	44 12				434C13
13449	JUPITER	9010	63 12 27	8 43 06.35	6 19 12	- 8 54				434C13
13450	JUPITER	9010	63 12 27	8 43 11.95	6 22 24	- 9 47				434C13
13451	JUPITER	9010	63 12 27	8 43 17.55	6 25 18	-10 35				434C13
13455	AREQUIPA	9007	63 12 27	8 55 33.81	11 40 12	14 10				434C13
13466	MAINITAL	9006	63 12 27	13 35 54.34	20 25 06	50 12				434C13
13462	ORGNPASS	9001	63 12 28	2 11 49.54	20 26 12	44 59				434C13
13456	JUPITER	9010	63 12 28	6 09 05.10	5 51 30	81 51				434C13
13457	JUPITER	9010	63 12 28	6 09 10.70	6 20 30	81 34				434C13
13458	JUPITER	9010	63 12 28	6 09 16.30	6 52 00	81 07				434C13
13459	JUPITER	9010	63 12 28	6 09 21.90	7 18 00	80 31				434C13
13460	JUPITER	9010	63 12 28	6 09 27.50	7 42 00	79 52				434C13
13471	TOKYO	9005	63 12 28	9 23 45.60	22 07 18	54 25				434C13
13467	MAINITAL	9006	63 12 28	12 57 11.41	20 52 42	53 04				434C13
30231	PITTSBGH	8559	63 12 28	23 49 40.39	5 02 41	49 55				845C14
13463	ORGNPASS	9001	63 12 29	1 33 34.45	20 50 18	54 16				434C13
13464	OLFSFTN	9002	63 12 29	2 21 04.54	12 54 48	-11 10				434C13
13465	SFERNNDO	9004	63 12 29	19 34 33.98	20 22 12	48 59				434C13
13468	ORGNPASS	9001	63 12 30	2 47 51.21	19 11 12	58 14				434C13
13469	SFERNNDO	9004	63 12 30	18 56 36.42	20 48 12	63 33				434C13
30235	LAS CRUC	8642	63 12 31	0 21 35.49	21 52 06	67 04				845C13
13470	SFERNNDO	9004	63 12 31	18 20 15.63	5 56 54	71 10				434C13

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10953	SFERNNDO	9004	63 07 01	1 29 30.69	11 51 24	61 05				434013
10940	ORGNPASS	9001	63 07 01	5 11 41.99	18 46 12	55 35				434013
10941	TOKYO	9005	63 07 01	12 52 19.10	18 04 06	50 31				434013
11101	MAINITAL	9006	63 07 01	16 36 32.70	16 07 24	-3 40				434013
11102	MAINITAL	9006	63 07 01	16 41 40.59	18 41 06	59 51				434013
10961	SHIRAZ	9008	63 07 01	18 36 55.33	18 05 18	62 32				434013
10954	SFERNNDO	9004	63 07 01	22 21 29.24	15 52 00	-22 46				434013
10955	SFERNNDO	9004	63 07 01	22 28 08.65	18 27 12	51 10				434013
10956	SFERNNDO	9004	63 07 02	0 20 24.91	13 27 30	10 39				434013
10957	SFERNNDO	9004	63 07 02	0 27 03.31	12 42 00	58 21				434013
10958	JUPITER	9010	63 07 02	2 11 42.63	18 52 24	0 57				434013
10959	JUPITER	9010	63 07 02	2 14 52.79	19 55 54	29 48				434013
10960	ORGNPASS	9001	63 07 02	4 06 20.02	18 02 18	-16 59				434013
10962	SHIRAZ	9008	63 07 02	17 35 40.31	19 16 00	29 51				434013
10964	SFERNNDO	9004	63 07 02	21 27 20.82	19 18 06	24 30				434013
10965	SFERNNDO	9004	63 07 02	23 25 42.21	14 06 42	59 11				434013
10966	SFERNNDO	9004	63 07 03	1 27 02.95	11 47 54	58 50				434013
10971	SHIRAZ	9008	63 07 03	18 33 06.88	15 41 18	56 21				434013
10969	JUPITER	9010	63 07 04	2 11 15.73	19 01 12	31 35				434013
10970	JUPITER	9010	63 07 04	4 08 37.48	12 56 54	47 15				434013
10974	MAUI,HA	9012	63 07 04	7 51 08.96	14 39 36	-12 11				434013
10963	MAINITAL	9006	63 07 04	15 36 10.97	18 08 18	21 10				434013
10968	SFERNNDO	9004	63 07 04	21 24 50.56	18 49 30	34 28				434013
10972	CURACAO	9009	63 07 05	1 06 25.99	17 53 12	17 24				434013
10973	CURACAO	9009	63 07 05	1 08 52.49	18 45 18	43 20				434013
10979	MAUI,HA	9012	63 07 05	6 55 33.90	18 50 30	32 12				434013
10977	MAINITAL	9006	63 07 05	16 34 32.31	14 39 30	51 57				434013
10976	SFERNNDO	9004	63 07 05	22 21 45.36	15 21 30	51 43				434013
10978	CURACAO	9009	63 07 06	2 04 44.03	13 26 30	47 15				434013
10975	ORGNPASS	9001	63 07 06	4 04 01.61	17 31 12	31 52				434013
10986	MAUI,HA	9012	63 07 06	7 51 33.71	14 17 24	42 01				434013
10983	SHIRAZ	9008	63 07 06	17 29 23.96	17 08 12	42 02				434013
10980	SFERNNDO	9004	63 07 06	21 21 59.39	18 05 18	43 12				434013
10981	SFERNNDO	9004	63 07 06	23 20 43.91	12 36 00	57 31				434013
10984	CURACAO	9009	63 07 07	0 59 10.27	14 55 24	-43 08				434023
10985	CURACAO	9009	63 07 07	1 03 30.05	16 35 24	28 45				434013
10993	MAUI,HA	9012	63 07 07	8 45 30.82	12 10 12	9 32				434013
10982	TOKYO	9005	63 07 07	12 43 32.60	14 00 42	53 27				434013
10991	SHIRAZ	9008	63 07 07	18 26 50.53	13 15 42	49 10				434013
10987	SFERNNDO	9004	63 07 07	22 19 24.99	14 17 48	58 02				434013
10988	CURACAO	9009	63 07 07	23 59 29.47	17 56 36	-35 23				434023
10989	CURACAO	9009	63 07 08	0 03 03.50	18 27 36	6 08				434013
10990	MAINITAL	9006	63 07 08	15 30 53.50	16 16 36	44 53				434013
10999	SHIRAZ	9008	63 07 08	17 25 26.65	15 29 54	38 16				434013
10997	SFERNNDO	9004	63 07 08	21 18 36.41	16 54 48	47 51				434013
10998	SFERNNDO	9004	63 07 08	23 10 55.29	12 44 30	9 52				434013
10995	AREQUIPA	9007	63 07 09	0 51 59.67	12 37 30	24 45				434013
11010	MAUI,HA	9012	63 07 09	6 47 14.04	15 46 42	25 34				434013
11011	MAUI,HA	9012	63 07 09	8 43 57.42	11 53 48	22 28				434013
11003	SHIRAZ	9008	63 07 09	16 30 48.76	20 23 30	55 08				434013
11000	SFERNNDO	9004	63 07 09	22 16 29.57	13 18 24	57 54				434013
11001	V.DLORES	9011	63 07 09	23 47 17.15	11 29 18	3 11				434013
11004	CURACAO	9009	63 07 09	23 58 57.64	17 31 36	2 57				434013
11002	ORGNPASS	9001	63 07 10	4 03 48.62	21 09 54	78 00				434013
11013	SHIRAZ	9008	63 07 10	17 23 05.52	14 30 24	50 43				434013
11008	V.DLORES	9011	63 07 10	22 44 51.67	22 54 24	-81 06				434023
11009	V.DLORES	9011	63 07 10	22 46 37.41	16 48 00	-32 53				434023
11005	AREQUIPA	9007	63 07 11	0 45 14.32	10 01 48	-20 35				434013
11006	AREQUIPA	9007	63 07 11	0 47 48.35	11 24 48	15 16				434013
11007	CURACAO	9009	63 07 11	0 56 38.24	13 31 36	33 50				434013
11014	JUPITER	9010	63 07 11	2 58 16.76	12 17 30	41 21				434013
11015	MAUI,HA	9012	63 07 11	6 43 59.31	14 28 36	32 17				434013
11012	OLFSFTN	9002	63 07 11	17 59 53.90	10 20 48	3 34				434013
11024	SFERNNDO	9004	63 07 11	22 13 13.57	12 34 48	55 25				434013
11026	AREQUIPA	9007	63 07 11	23 45 06.64	12 32 00	-59 28				434023
11018	V.DLORES	9011	63 07 11	23 45 54.31	12 21 12	34 21				434013
11016	CURACAO	9009	63 07 11	23 52 25.33	15 33 12	-36 19				434023
11017	CURACAO	9009	63 07 12	1 54 12.13	11 31 12	33 30				434013
11021	OLFSFTN	9002	63 07 12	16 57 50.21	9 11 30	-52 13				434023
11022	OLFSFTN	9002	63 07 12	16 59 36.95	12 06 24	-13 19				434013
11027	SHIRAZ	9008	63 07 12	17 20 04.16	13 24 48	53 43				434013
11037	SFERNNDO	9004	63 07 12	21 11 33.78	14 23 36	50 38				434013
11031	V.DLORES	9011	63 07 12	22 41 42.20	11 01 48	-70 22				434023
11028	CURACAO	9009	63 07 13	0 52 40.50	12 25 48	28 33				434013
11043	MAUI,HA	9012	63 07 13	6 40 58.02	13 23 30	39 30				434013
11039	SFERNNDO	9004	63 07 13	22 09 51.53	12 02 00	53 09				434013
11032	V.DLORES	9011	63 07 13	23 39 07.28	9 51 36	0 49				434013
11089	CURACAO	9009	63 07 13	23 52 08.63	15 13 18	21 42				434013
11019	ORGNPASS	9001	63 07 14	3 51 50.09	13 09 24	53 12				434013

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11042	MAUI,HA	9012	63 07 14	7 45 25.42	9 47 12	73 10				434013
11025	NAINITAL	9006	63 07 14	15 21 38.30	12 47 48	55 49				434013
11023	OLFSFTN	9002	63 07 14	16 55 17.95	10 26 48	-12 42				434013
11040	SHIRAZ	9008	63 07 14	17 16 13.67	12 31 18	48 51				434013
11033	SFERNNDO	9004	63 07 14	21 08 56.71	13 27 54	58 13				434013
11041	JUPITER	9010	63 07 15	2 52 57.33	11 18 42	47 47				434013
11034	SFERNNDO	9004	63 07 15	3 22 34.65	5 58 12	63 11				434013
11035	SFERNNDO	9004	63 07 15	3 30 05.52	4 32 00	30 00				434013
11044	AREQUIPA	9007	63 07 15	23 38 59.59	11 07 30	0 43				434013
11048	CURACAO	9009	63 07 15	23 51 53.28	15 03 24	60 37				434013
11049	MAUI,HA	9012	63 07 16	7 32 58.72	11 13 18	24 23				434013
11050	MAUI,HA	9012	63 07 16	7 35 43.19	11 07 00	40 56				434013
11051	MAUI,HA	9012	63 07 16	7 39 42.62	10 29 48	61 12				434013
11045	OLFSFTN	9002	63 07 16	16 50 08.78	9 02 12	-20 49				434013
11046	OLFSFTN	9002	63 07 16	16 51 52.03	10 17 48	2 52				434013
11047	OLFSFTN	9002	63 07 16	16 55 25.53	12 09 24	40 35				434013
11066	SHIRAZ	9008	63 07 16	17 13 01.29	11 50 48	49 43				434013
11052	SFERNNDO	9004	63 07 16	21 05 17.12	12 33 54	55 55				434013
11054	V.DLORES	9011	63 07 16	22 34 43.94	10 15 48	- 8 38				434013
11055	CURACAO	9009	63 07 17	0 46 09.24	11 16 06	34 27				434013
11053	SFERNNDO	9004	63 07 17	3 19 56.07	5 28 00	62 24				434013
11058	MAUI,HA	9012	63 07 17	6 32 39.35	11 43 42	28 55				434013
11056	JUPITER	9010	63 07 17	9 11 12.90	4 52 06	55 05				434013
11057	AREQUIPA	9007	63 07 18	10 26 06.55	5 01 06	15 36				434013
11059	OLFSFTN	9002	63 07 18	16 47 32.78	9 46 18	3 18				434013
11060	OLFSFTN	9002	63 07 18	16 50 35.39	11 08 00	32 51				434013
11073	SFERNNDO	9004	63 07 18	21 01 44.11	11 51 48	55 07				434013
11063	V.DLORES	9011	63 07 18	22 29 19.90	8 38 00	-19 11				434013
11064	V.DLORES	9011	63 07 18	22 31 11.91	10 12 30	6 45				434013
11065	V.DLORES	9011	63 07 18	22 33 38.45	11 41 06	32 48				434013
11074	SFERNNDO	9004	63 07 19	3 15 51.24	5 27 24	66 49				434013
11061	OLFSFTN	9002	63 07 19	3 42 47.67	4 52 30	24 18				434013
11062	OLFSFTN	9002	63 07 19	3 44 57.32	5 53 48	2 29				434013
11084	MAUI,HA	9012	63 07 19	6 30 21.16	11 13 48	40 12				434013
11067	ORGNPASS	9001	63 07 19	11 01 06.38	3 47 42	63 52				434013
11075	SFERNNDO	9004	63 07 19	22 01 06.68	10 32 24	57 35				434013
11078	AREQUIPA	9007	63 07 19	23 34 32.51	11 08 06	39 59				434013
11083	JUPITER	9010	63 07 20	1 44 27.38	11 01 48	49 20				434013
11076	SFERNNDO	9004	63 07 20	4 11 35.83	7 29 54	87 28				434013
11069	ORGNPASS	9001	63 07 20	9 59 06.11	4 51 00	59 59				434013
11079	AREQUIPA	9007	63 07 20	10 20 07.51	3 34 00	35 00				434013
11080	AREQUIPA	9007	63 07 20	10 25 07.36	6 19 06	-30 45				434023
11085	MAUI,HA	9012	63 07 20	13 50 16.09	5 54 54	71 34				434013
11086	MAUI,HA	9012	63 07 20	13 54 23.07	4 40 30	53 44				434013
11087	MAUI,HA	9012	63 07 20	14 00 53.04	4 25 42	13 01				434013
11070	OLFSFTN	9002	63 07 21	3 36 58.16	3 35 06	38 29				434013
11072	OLFSFTN	9002	63 07 21	3 42 06.22	6 37 18	-20 10				434013
11068	ORGNPASS	9001	63 07 21	4 38 02.64	10 47 54	41 54				434013
11090	MAUI,HA	9012	63 07 21	6 20 37.54	10 44 48	1 20				434013
11091	MAUI,HA	9012	63 07 21	6 25 38.06	10 50 30	33 55				434013
11092	MAUI,HA	9012	63 07 21	14 52 08.22	2 25 30	60 41				434013
11095	SFERNNDO	9004	63 07 22	4 09 53.73	1 26 54	78 35				434013
11097	V.DLORES	9011	63 07 22	10 21 00.94	2 41 12	22 54				434013
11096	NAINITAL	9006	63 07 22	15 06 23.83	10 39 06	46 27				434013
11098	SFERNNDO	9004	63 07 22	20 53 57.67	10 54 48	51 29				434013
11109	SHIRAZ	9008	63 07 22	23 22 01.32	4 17 36	58 12				434013
11099	SFERNNDO	9004	63 07 23	3 09 18.00	4 09 00	66 43				434013
11093	OLFSFTN	9002	63 07 23	3 33 55.15	3 20 42	28 10				434013
11094	OLFSFTN	9002	63 07 23	3 38 14.56	7 11 06	-37 32				434023
11111	MAUI,HA	9012	63 07 23	6 18 29.56	10 32 12	15 35				434013
11112	MAUI,HA	9012	63 07 23	6 21 57.06	10 29 42	35 35				434013
11113	MAUI,HA	9012	63 07 23	6 27 42.93	9 40 00	63 35				434013
11104	ORGNPASS	9001	63 07 23	8 52 47.26	4 59 12	59 34				434013
11105	ORGNPASS	9001	63 07 23	8 57 39.33	4 00 42	37 13				434013
11100	AREQUIPA	9007	63 07 23	9 15 57.99	4 39 06	23 10				434013
11106	ORGNPASS	9001	63 07 23	10 52 49.07	1 31 18	70 22				434013
11114	MAUI,HA	9012	63 07 23	14 48 06.56	1 05 12	59 56				434013
11108	NAINITAL	9006	63 07 23	22 24 11.71	2 08 42	66 08				434013
11117	SHIRAZ	9008	63 07 24	0 19 31.27	1 33 24	65 26				434013
11110	SFERNNDO	9004	63 07 24	4 07 17.85	0 27 24	67 51				434013
11115	ORGNPASS	9001	63 07 24	9 50 41.42	4 12 00	67 52				434013
11118	V.DLORES	9011	63 07 24	10 16 34.87	1 16 36	17 30				434013
11119	MAUI,HA	9012	63 07 24	13 46 46.22	3 39 24	55 49				434013
11116	NAINITAL	9006	63 07 24	21 22 16.80	4 06 24	61 36				434013
11131	SHIRAZ	9008	63 07 24	23 18 15.18	3 44 30	58 28				434013
11122	SFERNNDO	9004	63 07 25	3 05 30.93	3 23 42	67 29				434013
11120	OLFSFTN	9002	63 07 25	3 29 09.35	2 02 36	29 48				434013
11121	OLFSFTN	9002	63 07 25	3 33 28.72	7 13 36	-51 40				434023
11123	ORGNPASS	9001	63 07 25	8 48 28.90	4 52 42	62 21				434013
11129	JUPITER	9010	63 07 25	8 55 31.67	1 55 06	63 49				434013
11128	CURACAO	9009	63 07 25	9 01 43.67	0 40 54	53 03				434013

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11149	V.DLORES	9011	63 07 25	9 15 23.14	3 56 36	25 51				434013
11150	V.DLORES	9011	63 07 25	9 18 15.21	6 08 18	-11 36				434013
11153	MAUI,HA	9012	63 07 25	12 44 18.79	4 26 30	53 30				434013
11154	MAUI,HA	9012	63 07 25	12 47 55.52	4 04 24	33 40				434013
11155	MAUI,HA	9012	63 07 25	14 44 13.28	23 50 00	53 10				434013
11127	NAINITAL	9006	63 07 25	20 24 30.15	3 50 42	35 18				434013
11126	WOOMERA	9003	63 07 25	20 46 35.35	23 53 12	11 58				434013
11139	SFERNNDO	9004	63 07 25	21 51 04.79	9 24 36	-59 35				434013
11146	SHIRAZ	9008	63 07 26	0 16 02.58	0 27 42	57 33				434013
11140	SFERNNDO	9004	63 07 26	2 02 53.18	4 38 42	64 48				434013
11141	SFERNNDO	9004	63 07 26	4 03 04.88	23 07 12	64 11				434013
11132	CURACAO	9009	63 07 26	8 00 37.11	3 26 06	48 57				434013
11130	AREQUIPA	9007	63 07 26	10 06 31.50	23 32 48	29 49				434013
11151	V.DLORES	9011	63 07 26	10 11 36.65	23 39 24	14 26				434013
11152	V.DLORES	9011	63 07 26	10 15 10.12	12 39 12	-82 43				434013
11134	WOOMERA	9003	63 07 26	19 45 13.38	3 12 18	28 22				434013
11135	WOOMERA	9003	63 07 26	19 47 55.97	5 41 18	-14 55				434013
11147	SHIRAZ	9008	63 07 26	23 13 31.36	3 11 00	63 50				434013
11142	SFERNNDO	9004	63 07 27	3 01 03.63	2 31 24	71 02				434013
11133	OLFSFTN	9002	63 07 27	3 28 23.56	7 01 00	-70 20				434023
11148	CURACAO	9009	63 07 27	8 56 30.72	22 56 24	53 34				434013
11145	AREQUIPA	9007	63 07 27	9 06 45.40	3 32 42	23 07				434013
11157	TOKYO	9005	63 07 27	18 23 17.40	21 28 18	61 16				434013
11136	WOOMERA	9003	63 07 27	20 40 43.34	22 40 00	18 30				434013
11137	WOOMERA	9003	63 07 27	20 42 35.83	22 15 36	-14 01				434013
11138	WOOMERA	9003	63 07 27	20 44 49.60	18 28 18	-71 49				434023
11160	CURACAO	9009	63 07 28	7 55 59.26	2 39 00	51 58				434013
11158	AREQUIPA	9007	63 07 28	10 02 03.94	22 20 30	17 12				434013
11159	AREQUIPA	9007	63 07 28	10 06 21.85	21 01 48	-74 09				434023
11161	V.DLORES	9011	63 07 28	10 09 59.99	18 11 30	-69 42				434023
11168	MAUI,HA	9012	63 07 28	13 37 43.29	1 49 30	62 06				434013
11164	SHIRAZ	9008	63 07 28	23 09 32.70	2 14 18	62 31				434013
11156	OLFSFTN	9002	63 07 29	3 19 28.12	23 01 54	19 23				434013
11167	JUPITER	9010	63 07 29	8 47 06.79	23 20 24	55 34				434013
11166	CURACAO	9009	63 07 29	8 51 57.68	21 49 54	44 28				434013
11162	AREQUIPA	9007	63 07 29	9 00 47.05	1 54 12	37 26				434013
11163	AREQUIPA	9007	63 07 29	9 05 15.82	5 32 06	-43 25				434023
11173	MAUI,HA	9012	63 07 29	12 35 54.83	3 40 48	55 28				434013
11174	MAUI,HA	9012	63 07 29	12 42 23.50	3 29 48	6 07				434013
11175	MAUI,HA	9012	63 07 29	14 34 36.42	21 24 36	41 25				434013
11184	TOKYO	9005	63 07 29	16 19 59.90	3 39 48	67 04				434013
11176	SHIRAZ	9008	63 07 30	0 05 44.84	21 22 18	55 13				434013
11169	SFERNNDO	9004	63 07 30	1 55 02.43	3 28 48	64 42				434013
11170	SFERNNDO	9004	63 07 30	3 53 18.48	20 40 48	55 10				434013
11177	JUPITER	9010	63 07 30	9 43 00.60	20 30 18	30 21				434013
11179	MAUI,HA	9012	63 07 30	13 32 29.54	0 08 00	66 43				434013
11178	SHIRAZ	9008	63 07 30	23 04 33.41	0 59 00	66 47				434013
11182	SFERNNDO	9004	63 07 31	0 51 42.65	4 31 06	64 17				434013
11183	SFERNNDO	9004	63 07 31	2 52 10.64	23 39 48	70 39				434013
11185	CURACAO	9009	63 07 31	6 46 33.15	3 44 00	66 05				434013
11186	CURACAO	9009	63 07 31	6 49 24.68	3 26 42	48 54				434013
11187	CURACAO	9009	63 07 31	6 54 21.63	3 38 24	6 43				434013
11180	ORGNPASS	9001	63 07 31	8 36 16.43	3 28 24	64 24				434013
11188	JUPITER	9010	63 07 31	8 42 01.75	21 54 54	51 54				434013
11181	ORGNPASS	9001	63 07 31	10 34 34.52	20 25 06	51 53				434013
11189	MAUI,HA	9012	63 07 31	12 30 50.01	3 13 54	60 51				434013
11190	MAUI,HA	9012	63 07 31	14 29 18.68	20 33 30	35 54				434013
11192	JUPITER	9010	63 08 01	7 39 51.26	1 22 36	67 18				434013
11193	JUPITER	9010	63 08 01	9 37 00.61	19 47 12	30 18				434013
11195	MAUI,HA	9012	63 08 01	13 28 46.72	23 07 36	53 52				434013
11194	SHIRAZ	9008	63 08 01	22 59 22.24	23 13 18	68 25				434013
11191	SFERNNDO	9004	63 08 02	2 47 01.72	21 51 00	69 19				434013
11196	ORGNPASS	9001	63 08 02	8 31 17.08	2 57 24	68 32				434013
11204	JUPITER	9010	63 08 02	8 42 04.92	22 57 24	-17 33				434013
11197	ORGNPASS	9001	63 08 02	10 29 29.09	19 49 30	44 28				434013
11210	MAUI,HA	9012	63 08 02	12 31 47.70	2 38 42	5 09				434013
11211	MAUI,HA	9012	63 08 02	14 23 38.94	19 52 30	32 18				434013
11212	MAUI,HA	9012	63 08 02	14 26 48.80	20 45 12	4 50				434013
11198	SFERNNDO	9004	63 08 03	1 45 34.04	2 03 30	69 30				434013
11199	SFERNNDO	9004	63 08 03	3 43 33.27	19 43 24	39 16				434013
11205	JUPITER	9010	63 08 03	7 34 14.31	23 26 30	72 30				434013
11206	JUPITER	9010	63 08 03	9 31 59.18	19 32 12	23 55				434013
11207	JUPITER	9010	63 08 03	9 35 31.58	20 23 00	-1 05				434013
11213	MAUI,HA	9012	63 08 03	13 25 09.41	22 28 54	29 07				434013
11201	SHIRAZ	9008	63 08 03	22 52 38.02	19 55 42	72 14				434013
11202	SHIRAZ	9008	63 08 03	22 59 00.32	23 52 42	7 28				434013
11200	SFERNNDO	9004	63 08 04	2 40 53.31	19 31 42	68 02				434013
11208	JUPITER	9010	63 08 04	6 32 38.08	2 58 36	64 16				434013
11203	CURACAO	9009	63 08 04	6 39 05.61	2 10 06	56 29				434013
11209	JUPITER	9010	63 08 04	8 34 09.76	21 10 00	10 58				434013
11215	SHIRAZ	9008	63 08 04	21 58 31.37	1 52 06	6 21				434013
11214	SFERNNDO	9004	63 08 05	1 39 39.26	0 50 06	78 14				434013

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11216	ORGNPASS	9001	63 08 05	9 20 47.90	18 15 48	68 01				434C13
11217	ORGNPASS	9001	63 08 05	9 27 11.58	22 45 42	15 09				434C13
11219	MAUI, HA	9012	63 08 06	12 15 52.53	23 52 54	65 57				434C13
11220	SHIRAZ	9008	63 08 06	21 50 32.48	0 59 36	34 45				434C13
11222	MAUI, HA	9012	63 08 07	11 10 24.67	4 26 18	76 50				434C13
11223	MAUI, HA	9012	63 08 07	11 14 43.06	2 37 36	51 57				434C13
11221	MAUI, HA	9012	63 08 07	13 09 32.49	18 34 00	50 30				434C13
11224	SFERNNDO	9004	63 08 08	2 34 05.05	20 47 30	22 59				434C13
11225	ORGNPASS	9001	63 08 08	6 13 41.14	5 04 48	68 06				434C13
11226	ORGNPASS	9001	63 08 08	6 19 26.86	2 40 00	43 19				434C13
11227	ORGNPASS	9001	63 08 08	8 13 12.86	16 45 00	83 21				434C13
11228	ORGNPASS	9001	63 08 08	8 18 57.51	0 00 36	39 39				434C13
11229	ORGNPASS	9001	63 08 08	10 10 02.68	17 40 36	39 15				434C13
11230	MAUI, HA	9012	63 08 08	12 08 51.64	20 41 12	73 02				434C13
11237	SHIRAZ	9008	63 08 08	21 43 08.32	23 29 18	57 39				434C13
11231	SFERNNDO	9004	63 08 08	23 30 17.18	3 24 06	62 03				434C13
11232	SFERNNDO	9004	63 08 09	1 28 18.07	19 16 06	77 36				434C13
11233	SFERNNDO	9004	63 08 09	1 33 07.65	23 19 00	31 42				434C13
11234	SFERNNDO	9004	63 08 09	3 28 23.34	19 08 36	14 46				434C13
11239	MAUI, HA	9012	63 08 09	11 07 49.18	2 15 42	66 01				434C13
11235	TOKYO	9005	63 08 10	15 45 39.80	15 30 18	69 25				434C13
11236	TCKYO	9005	63 08 10	15 51 38.70	21 34 00	43 49				434C13
11238	SHIRAZ	9008	63 08 10	21 36 06.91	20 55 24	67 24				434C13
11246	SHIRAZ	9008	63 08 11	20 35 03.71	1 29 12	59 44				434C13
11247	SHIRAZ	9008	63 08 11	22 30 20.63	17 50 18	42 15				434C13
11240	JUPITER	9010	63 08 12	6 09 55.61	20 08 00	75 52				434C13
11242	SHIRAZ	9008	63 08 12	21 29 54.55	19 10 48	62 36				434C13
11241	ORGNPASS	9001	63 08 13	7 02 29.25	0 42 18	74 18				434C13
11248	SHIRAZ	9008	63 08 14	19 27 15.08	2 06 18	51 58				434C13
11249	SHIRAZ	9008	63 08 14	21 22 39.41	17 22 18	59 17				434C13
11244	SFERNNDO	9004	63 08 14	23 16 45.23	1 19 06	43 41				434C13
11245	SFERNNDO	9004	63 08 15	1 12 02.71	18 10 00	50 10				434C13
11260	TOKYO	9005	63 08 15	14 37 09.60	21 53 36	61 25				434C13
11250	SFERNNDO	9004	63 08 16	0 07 02.84	13 47 42	77 02				434C13
11251	SFERNNDO	9004	63 08 16	0 12 14.56	22 22 42	53 38				434C13
11253	ORGNPASS	9001	63 08 16	5 55 27.87	1 48 12	57 53				434C13
11254	ORGNPASS	9001	63 08 16	7 50 54.67	16 55 00	53 40				434C13
11263	MAUI, HA	9012	63 08 16	9 46 23.57	3 12 24	76 10				434C13
11255	SFERNNDO	9004	63 08 16	23 10 24.97	0 54 12	48 32				434C13
11256	SFERNNDO	9004	63 08 17	1 05 36.68	17 29 42	44 07				434C13
11257	SFERNNDO	9004	63 08 17	22 04 22.06	3 15 54	66 04				434C13
11258	SFERNNDO	9004	63 08 17	22 10 05.62	1 11 48	29 13				434C13
11259	SFERNNDO	9004	63 08 18	0 04 34.49	19 35 30	66 39				434C13
11261	SHIRAZ	9008	63 08 18	19 11 06.51	5 47 18	80 36				434C13
11262	SHIRAZ	9008	63 08 18	19 13 57.26	1 42 42	68 12				434C13
11264	SFERNNDO	9004	63 08 18	22 59 02.71	8 25 00	81 39				434C13
11265	SFERNNDO	9004	63 08 18	23 03 58.45	0 18 54	53 44				434C13
11266	SFERNNDO	9004	63 08 19	0 58 39.89	16 48 54	40 32				434C13
11267	ORGNPASS	9001	63 08 19	6 43 17.52	16 57 48	71 45				434C13
11270	SHIRAZ	9008	63 08 19	20 08 34.35	16 49 30	70 38				434C13
11268	SFERNNDO	9004	63 08 19	21 58 03.36	3 25 00	69 21				434C13
11269	SFERNNDO	9004	63 08 19	23 58 16.73	18 23 30	58 59				434C13
11271	ORGNPASS	9001	63 08 20	5 39 03.30	8 35 00	81 30				434C13
11277	SHIRAZ	9008	63 08 20	19 07 27.33	1 01 00	74 25				434C13
11272	SFERNNDO	9004	63 08 20	20 57 46.94	1 52 36	51 47				434C13
11273	SFERNNDO	9004	63 08 20	22 52 32.49	10 31 00	79 58				434C13
11274	SFERNNDO	9004	63 08 20	22 56 58.13	23 25 36	63 49				434C13
11275	SFERNNDO	9004	63 08 21	0 49 48.23	15 31 24	42 58				434C13
11276	SFERNNDO	9004	63 08 21	0 52 11.62	16 36 12	34 31				434C13
11282	SHIRAZ	9008	63 08 21	18 06 46.85	1 33 54	48 28				434C13
11278	SFERNNDO	9004	63 08 21	21 50 59.17	42 40	74 00				434C13
11279	SFERNNDO	9004	63 08 21	21 55 41.63	0 54 12	44 23				434C13
11280	SFERNNDO	9004	63 08 21	23 50 48.63	16 47 42	55 22				434C13
11281	TOKYO	9005	63 08 22	13 15 45.30	21 36 24	68 47				434C13
11283	SFERNNDO	9004	63 08 22	20 53 45.08	1 00 00	36 52				434C13
11284	SFERNNDO	9004	63 08 22	22 50 10.51	21 54 00	67 28				434C13
11289	TOKYO	9005	63 08 23	14 10 15.10	16 49 18	42 24				434C13
11287	SFERNNDO	9004	63 08 23	21 45 05.31	3 32 54	75 39				434C13
11288	SFERNNDO	9004	63 08 23	21 49 24.40	0 25 18	41 20				434C13
11285	ORGNPASS	9001	63 08 24	5 28 35.99	19 38 00	81 48				434C13
11286	ORGNPASS	9001	63 08 25	4 27 50.17	0 53 18	54 43				434C13
11296	SFERNNDO	9004	63 08 29	21 23 32.44	9 21 06	83 44				434C13

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11297	SFERNNDO	9004	63 08 29	21 27 35.44	22 27 12	49 31				434C13
11298	SFERNNDO	9004	63 08 29	23 20 58.20	15 04 30	34 07				434C13
11299	SFERNNDO	9004	63 08 29	23 23 01.25	15 59 42	21 52				434C13
11306	JUPITER	9010	63 08 30	3 12 52.13	15 42 18	70 44				434C13
11303	SHIRAZ	9008	63 08 30	16 36 54.51	0 31 30	37 58				434C13
11304	SHIRAZ	9008	63 08 30	18 31 15.52	14 58 12	57 43				434C13
11300	SFERNNDO	9004	63 08 30	20 21 32.92	2 21 12	69 29				434C13
11301	SFERNNDO	9004	63 08 30	20 26 27.28	23 45 54	25 21				434C13
11295	JUPITER	9010	63 08 31	2 11 20.88	0 29 48	66 52				434C13
11293	TOKYO	9005	63 08 31	11 41 24.90	11 30 24	76 52				434C13
11294	TOKYO	9005	63 08 31	11 45 42.20	21 01 00	52 01				434C13
11305	SHIRAZ	9008	63 08 31	17 29 56.02	22 26 30	78 31				434C13
11302	SFERNNDO	9004	63 08 31	21 20 18.30	21 22 30	42 18				434C13
11315	ORGNPASS	9001	63 09 01	3 04 20.45	0 08 54	38 57				434013
11291	SFERNNDO	9004	63 09 01	22 10 10.47	13 46 00	49 52				434C13
11292	SFERNNDO	9004	63 09 01	22 13 51.67	16 21 00	27 23				434C13
11307	SHIRAZ	9008	63 09 02	17 22 39.88	19 55 12	73 03				434C13
11308	MAUI,HA	9012	63 09 03	6 46 43.22	1 28 24	72 17				434C13
11310	JUPITER	9010	63 09 05	0 51 17.62	1 44 54	66 55				434C13
11314	MAUI,HA	9012	63 09 05	6 38 00.57	2 35 00	81 32				434C13
11311	SFERNNDO	9004	63 09 05	19 58 17.82	1 59 00	80 41				434C13
11312	SFERNNDO	9004	63 09 05	20 03 12.51	22 22 48	10 00				434C13
11313	SFERNNDO	9004	63 09 05	21 58 17.18	15 54 12	6 12				434C13
11319	SFERNNDO	9004	63 09 06	20 56 37.37	18 02 06	7 58				434C13
11320	SFERNNDO	9004	63 09 07	19 50 27.45	23 29 18	83 51				434013
11321	SFERNNDO	9004	63 09 07	19 55 49.62	21 47 54	-10 26				434013
11322	SFERNNDO	9004	63 09 07	21 49 38.09	15 29 00	4 05				434013
11317	ORGNPASS	9001	63 09 08	3 31 18.35	13 30 54	57 01				434C13
11318	ORGNPASS	9001	63 09 08	3 34 42.74	17 02 12	17 32				434C13
11325	SHIRAZ	9008	63 09 08	16 56 13.10	13 43 48	54 56				434C13
11326	SHIRAZ	9008	63 09 08	16 58 56.82	16 21 42	24 49				434C13
11323	SFERNNDO	9004	63 09 08	20 44 37.50	13 59 42	48 31				434013
11324	SFERNNDO	9004	63 09 08	20 48 41.89	17 31 24	-11 11				434C13
11332	MAUI,HA	9012	63 09 09	6 22 59.13	19 32 00	78 16				434C13
11327	SHIRAZ	9008	63 09 09	15 53 36.14	0 38 30	85 42				434C13
11328	SHIRAZ	9008	63 09 09	15 57 34.37	21 53 06	9 49				434013
11329	SFERNNDO	9004	63 09 09	19 41 43.42	14 42 00	86 29				434C13
11331	JUPITER	9010	63 09 10	1 32 26.45	17 15 00	11 30				434013
11330	NAINITAL	9006	63 09 10	14 53 03.57	13 57 00	48 43				434013
11333	SFERNNDO	9004	63 09 10	20 36 20.55	14 11 00	36 25				434013
11334	SFERNNDO	9004	63 09 10	20 40 41.30	17 13 12	-26 35				434C23
11336	NAINITAL	9006	63 09 11	13 54 26.54	21 36 24	-9 21				434013
11337	SHIRAZ	9008	63 09 11	15 45 31.39	18 39 30	81 19				434C13
11335	SFERNNDO	9004	63 09 11	19 33 22.67	15 21 42	76 40				434C13
11338	NAINITAL	9006	63 09 12	14 43 36.64	13 26 42	42 14				434C13
11339	SHIRAZ	9008	63 09 12	16 38 46.76	13 40 30	35 23				434C13
11340	SHIRAZ	9008	63 09 12	16 42 06.90	15 40 42	-11 00				434C13
11341	ORGNPASS	9001	63 09 13	2 11 46.92	15 14 18	75 11				434013
11349	MAUI,HA	9012	63 09 13	6 06 27.95	16 36 30	30 33				434C13
11343	NAINITAL	9006	63 09 13	13 40 47.64	13 37 00	83 03				434C13
11344	NAINITAL	9006	63 09 13	13 42 46.66	19 38 18	55 40				434C13
11345	SHIRAZ	9008	63 09 13	15 36 45.27	16 23 36	70 20				434C13
11346	SHIRAZ	9008	63 09 13	15 40 23.36	20 04 36	-27 24				434C23
11348	JUPITER	9010	63 09 14	1 15 27.40	16 12 54	-29 51				434C23
11347	SHIRAZ	9008	63 09 14	16 32 57.31	15 17 12	-17 32				434013
11350	MAUI,HA	9012	63 09 15	5 55 09.76	13 47 48	47 59				434C13
11351	MAUI,HA	9012	63 09 15	5 58 06.55	16 20 24	-20 25				434C13
11342	WOOMERA	9003	63 09 15	19 58 48.67	11 46 48	-64 29				434023
11352	V.DLORES	9011	63 09 16	9 21 34.56	12 32 48	-68 17				434023
11353	V.DLORES	9011	63 09 16	9 23 41.22	10 34 30	-57 32				434023
11354	V.DLORES	9011	63 09 16	9 27 37.09	9 19 00	-28 28				434023
11356	WOOMERA	9003	63 09 17	19 52 28.10	9 20 18	-43 35				434C23
11357	V.DLORES	9011	63 09 18	9 17 28.15	8 52 06	-30 36				434C23
11358	V.DLORES	9011	63 09 20	9 07 13.02	8 20 12	-29 52				434C23
11359	OLFSFTN	9002	63 09 22	3 10 03.33	7 14 42	-68 55				434C23
11360	OLFSFTN	9002	63 09 23	2 03 14.27	11 10 00	-69 00				434023
11361	OLFSFTN	9002	63 09 23	2 09 50.40	8 34 18	-29 51				434C23
11362	OLFSFTN	9002	63 09 24	3 00 52.69	6 28 42	-48 15				434C23
11363	OLFSFTN	9002	63 09 24	3 04 51.16	6 49 42	-12 39				434C13

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11364	DLFSFTN	9002	63 09 25	1 58 48.97	8 05 24	-25 24				434023
11365	DLFSFTN	9002	63 09 26	2 52 10.62	6 12 12	-16 52				434013
11366	WOOMERA	9003	63 09 26	9 54 17.28	14 03 30	-14 53				434013
11367	WOOMERA	9003	63 09 26	17 58 02.59	11 23 30	-70 16				434023
11368	WOOMERA	9003	63 09 26	18 04 38.24	8 03 42	-31 53				434023
11369	AREQUIPA	9007	63 09 27	9 31 25.94	6 19 18	- 7 41				434013
11370	CURACAO	9009	63 09 27	9 34 18.52	6 20 54	-42 56				434023
11371	CURACAO	9009	63 09 27	9 39 44.00	6 58 00	-11 55				434013
11374	MAUI,HA	9012	63 09 27	15 22 40.22	6 47 18	-31 09				434023
11375	MAUI,HA	9012	63 09 27	15 28 20.59	7 30 36	0 19				434013
11379	DLFSFTN	9002	63 09 28	2 39 20.56	5 36 00	-18 07				434013
11384	SFERNNDO	9004	63 09 28	4 57 33.60	8 35 12	7 59				434013
11377	AREQUIPA	9007	63 09 28	8 26 09.24	7 38 00	-14 23				434013
11372	CURACAO	9009	63 09 28	8 36 01.52	8 06 36	- 8 28				434013
11380	DLFSFTN	9002	63 09 29	1 33 39.33	7 12 48	-26 12				434023
11373	V.DLORES	9011	63 09 29	9 06 21.16	0 45 36	-55 30				434023
11378	ORGNPASS	9001	63 09 29	11 31 06.60	8 18 18	8 17				434013
11383	WOOMERA	9003	63 09 29	18 44 56.15	5 44 54	-24 42				434023
11386	MAINITAL	9006	63 09 29	22 58 13.96	8 16 12	8 42				434013
11381	DLFSFTN	9002	63 09 30	0 26 36.67	8 05 48	-34 17				434023
11388	SHIRAZ	9008	63 09 30	0 53 17.41	8 12 00	10 39				434013
11382	DLFSFTN	9002	63 09 30	2 24 41.83	4 46 00	-30 18				434023
11385	SFERNNDO	9004	63 09 30	4 45 16.99	8 28 48	12 51				434013
11387	AREQUIPA	9007	63 09 30	8 12 37.30	7 13 06	-16 42				434013
11390	ORGNPASS	9001	63 09 30	10 25 56.26	8 33 18	2 10				434013
11389	ORGNPASS	9001	63 09 30	10 30 27.09	9 24 00	18 41				434013
11391	WOOMERA	9003	63 09 30	19 33 20.62	2 16 18	-38 34				434023
11392	WOOMERA	9003	63 09 30	19 41 19.21	4 20 36	14 17				434013
11395	MAINITAL	9006	63 09 30	23 44 52.39	6 00 18	-13 08				434013
11394	DLFSFTN	9002	63 10 01	1 20 14.15	6 45 06	-26 53				434023
11397	V.DLORES	9011	63 10 01	8 58 47.55	3 15 18	-16 01				434013
11396	AREQUIPA	9007	63 10 01	9 03 54.33	5 04 30	-15 33				434013
11400	DLFSFTN	9002	63 10 02	2 11 28.37	4 18 00	-25 36				434023
11398	ORGNPASS	9001	63 10 02	12 09 08.48	6 27 54	19 13				434013
11403	TOKYO	9005	63 10 02	19 43 57.90	5 35 30	-10 27				434013
11401	DLFSFTN	9002	63 10 03	1 06 40.00	6 17 18	-25 09				434023
11404	SHIRAZ	9008	63 10 03	1 32 52.31	6 35 42	36 11				434013
11405	V.DLORES	9011	63 10 03	8 44 35.21	2 45 54	-16 50				434013
11402	WOOMERA	9003	63 10 03	18 16 31.29	4 32 00	-30 56				434023
11428	V.DLORES	9011	63 10 04	5 39 50.56	7 36 00	-38 42				434023
11406	ORGNPASS	9001	63 10 04	9 58 02.27	8 01 54	2 34				434013
11407	ORGNPASS	9001	63 10 04	10 04 06.24	9 22 30	25 56				434013
11408	ORGNPASS	9001	63 10 04	11 53 32.95	5 43 06	9 28				434013
11413	WOOMERA	9003	63 10 04	17 10 23.29	6 22 24	-36 15				434023
11414	WOOMERA	9003	63 10 04	19 08 08.50	2 29 30	-16 05				434013
11421	MAINITAL	9006	63 10 04	23 21 12.97	5 46 54	16 17				434013
11418	SFERNNDO	9004	63 10 05	3 11 50.24	8 09 18	6 35				434013
11419	SFERNNDO	9004	63 10 05	5 06 38.63	5 52 24	11 22				434013
11429	V.DLORES	9011	63 10 05	6 32 57.92	6 12 36	-32 35				434023
11425	AREQUIPA	9007	63 10 05	8 35 41.38	4 02 48	-13 49				434013
11426	CURACAO	9009	63 10 05	8 47 21.00	5 16 18	5 33				434013
11427	JUPITER	9010	63 10 05	8 50 34.86	6 55 42	- 3 34				434013
11409	ORGNPASS	9001	63 10 05	10 47 14.39	6 51 48	- 1 26				434013
11431	MAUI,HA	9012	63 10 05	14 32 36.74	5 32 30	- 3 41				434013
11415	WOOMERA	9003	63 10 05	18 00 58.69	3 44 12	-39 21				434023
11422	MAINITAL	9006	63 10 05	22 14 32.51	6 56 12	1 48				434013
11420	SFERNNDO	9004	63 10 06	4 00 52.97	7 01 54	3 47				434013
11410	ORGNPASS	9001	63 10 06	9 42 30.61	7 36 42	- 1 03				434013
11411	ORGNPASS	9001	63 10 06	9 49 54.70	9 19 00	28 32				434013
11412	ORGNPASS	9001	63 10 06	11 38 33.09	5 12 36	7 20				434013
11416	WOOMERA	9003	63 10 06	16 55 23.98	5 55 48	-39 09				434023
11417	WOOMERA	9003	63 10 06	18 53 20.13	2 06 36	-15 40				434013
11423	MAINITAL	9006	63 10 06	21 08 46.98	7 31 00	- 2 48				434013
11424	MAINITAL	9006	63 10 06	21 15 55.73	8 59 54	26 22				434013
11432	DLFSFTN	9002	63 10 07	0 36 33.80	5 16 36	-33 48				434023
11433	DLFSFTN	9002	63 10 07	2 34 11.81	1 50 30	- 9 15				434013
11438	V.DLORES	9011	63 10 07	6 17 05.89	5 47 00	-41 13				434023
11439	V.DLORES	9011	63 10 07	8 15 07.96	1 58 48	-16 14				434013
11436	WOOMERA	9003	63 10 07	15 48 26.34	7 02 00	-39 37				434023
11437	WOOMERA	9003	63 10 07	17 46 42.07	3 25 06	-32 33				434023
11434	DLFSFTN	9002	63 10 07	23 30 37.14	6 36 30	-30 43				434023
11435	DLFSFTN	9002	63 10 08	1 28 49.84	3 04 24	-15 04				434013
11450	V.DLORES	9011	63 10 08	5 03 09.64	11 12 48	-70 39				434023
11451	V.DLORES	9011	63 10 08	5 10 01.99	6 58 18	-41 34				434023
11449	CURACAO	9009	63 10 08	9 22 09.31	2 41 06	4 25				434013
11442	ORGNPASS	9001	63 10 08	9 26 59.04	7 16 24	- 2 44				434013
11441	ORGNPASS	9001	63 10 08	11 22 59.31	4 43 06	4 42				434013
11445	WOOMERA	9003	63 10 08	16 40 27.49	5 28 12	-37 40				434023
11446	WOOMERA	9003	63 10 08	18 38 28.29	1 51 42	-12 44				434013

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11457	SHIRAZ	9008	63 10 09	0 45 27.42	4 30 48	13 59				434013
11456	SFERNNDO	9004	63 10 09	2 48 34.75	9 42 18	32 52				434013
11458	JUPITER	9010	63 10 09	10 16 37.95	2 54 18	5 54				434013
11453	ORGNPASS	9001	63 10 09	10 16 41.11	6 05 42	- 2 44				434013
11455	WOOMERA	9003	63 10 09	17 32 10.09	3 11 48	-24 07				434023
11465	NAINITAL	9006	63 10 09	21 43 08.73	6 03 24	- 2 50				434013
11466	NAINITAL	9006	63 10 09	23 40 03.08	2 50 42	9 58				434013
11467	NAINITAL	9006	63 10 09	23 50 05.71	0 15 54	79 28				434013
11491	SFERNNDO	9004	63 10 10	3 29 47.08	6 16 00	1 51				434013
11474	V.DLORES	9011	63 10 10	4 54 48.54	6 34 18	-40 09				434023
11492	SFERNNDO	9004	63 10 10	5 24 28.04	3 08 18	1 52				434013
11493	SFERNNDO	9004	63 10 10	5 32 39.36	2 50 18	62 55				434013
11475	V.DLORES	9011	63 10 10	6 54 34.98	3 13 12	-18 26				434013
11472	CURACAO	9009	63 10 10	7 09 10.00	5 48 30	-12 02				434013
11471	AREQUIPA	9007	63 10 10	8 55 58.40	1 37 12	- 3 27				434013
11473	JUPITER	9010	63 10 10	9 12 19.32	4 31 12	14 36				434013
11461	ORGNPASS	9001	63 10 10	11 09 09.85	4 33 42	18 58				434013
11462	WOOMERA	9003	63 10 10	16 24 59.60	5 02 00	-35 45				434023
11463	WOOMERA	9003	63 10 10	18 22 25.09	1 28 42	-13 38				434013
11468	NAINITAL	9006	63 10 10	20 37 23.99	6 55 24	- 4 15				434013
11469	NAINITAL	9006	63 10 10	20 45 33.45	8 49 48	31 03				434013
11470	NAINITAL	9006	63 10 10	22 34 17.01	4 15 54	9 18				434013
11502	SHIRAZ	9008	63 10 11	0 28 24.17	3 56 54	5 24				434013
11464	SFERNNDO	9004	63 10 11	4 21 01.39	4 41 06	15 52				434013
11506	CURACAO	9009	63 10 11	7 59 18.65	3 39 00	- 7 11				434013
11476	ORGNPASS	9001	63 10 11	10 01 11.40	5 50 12	0 13				434013
11512	MAUI, HA	9012	63 10 11	11 50 41.28	6 56 42	- 6 01				434013
11477	ORGNPASS	9001	63 10 11	11 59 34.35	2 38 12	22 24				434013
11536	TOKYO	9005	63 10 11	17 40 45.20	5 49 06	2 43				434013
11498	NAINITAL	9006	63 10 11	21 28 35.96	6 01 18	7 08				434013
11482	OLFSFTN	9002	63 10 11	22 58 34.65	5 55 30	-34 28				434023
11499	NAINITAL	9006	63 10 11	23 25 49.42	2 28 42	22 04				434013
11483	OLFSFTN	9002	63 10 12	0 57 13.09	2 18 06	-13 04				434013
11503	SHIRAZ	9008	63 10 12	1 20 45.14	2 19 36	23 01				434013
11494	SFERNNDO	9004	63 10 12	3 14 49.25	6 13 54	9 39				434013
11507	CURACAO	9009	63 10 12	6 54 41.89	5 40 42	- 0 37				434013
11510	JUPITER	9010	63 10 12	6 58 59.07	6 50 18	- 2 04				434013
11511	JUPITER	9010	63 10 12	8 54 11.30	3 51 18	1 00				434013
11478	ORGNPASS	9001	63 10 12	8 55 17.56	6 46 36	- 1 32				434013
11479	ORGNPASS	9001	63 10 12	10 50 59.58	3 54 24	5 02				434013
11513	MAUI, HA	9012	63 10 12	12 41 47.12	6 08 42	4 16				434013
11485	WOOMERA	9003	63 10 12	14 07 20.31	7 15 18	-48 04				434023
11514	MAUI, HA	9012	63 10 12	14 37 36.07	2 24 12	11 29				434013
11486	WOOMERA	9003	63 10 12	16 06 20.12	4 26 42	-54 35				434023
11574	TOKYO	9005	63 10 12	16 35 29.30	6 54 42	3 41				434013
11487	WOOMERA	9003	63 10 12	18 02 14.57	0 06 36	-32 09				434023
11575	TOKYO	9005	63 10 12	18 31 18.60	4 01 18	13 37				434013
11500	NAINITAL	9006	63 10 12	20 22 57.82	7 00 48	5 16				434013
11504	SHIRAZ	9008	63 10 12	22 16 42.90	6 44 18	1 08				434013
11501	NAINITAL	9006	63 10 12	22 18 13.35	3 54 30	12 32				434013
11484	OLFSFTN	9002	63 10 12	23 45 50.47	3 13 00	-57 59				434023
11505	SHIRAZ	9008	63 10 13	0 13 41.59	3 44 00	19 00				434013
11509	CURACAO	9009	63 10 13	7 48 48.73	4 01 12	39 27				434013
11480	ORGNPASS	9001	63 10 13	9 46 29.84	5 56 42	13 16				434013
11516	MAUI, HA	9012	63 10 13	11 37 13.39	7 08 54	8 22				434013
11481	ORGNPASS	9001	63 10 13	11 43 20.71	2 16 00	25 08				434013
11519	MAUI, HA	9012	63 10 13	13 35 40.47	4 55 06	45 58				434013
11520	MAUI, HA	9012	63 10 13	15 28 03.78	1 26 12	15 27				434013
11521	MAUI, HA	9012	63 10 13	15 32 27.05	1 07 36	37 24				434013
11489	WOOMERA	9003	63 10 13	16 54 27.29	0 24 30	-55 32				434023
11490	WOOMERA	9003	63 10 13	18 52 30.00	23 56 48	-18 11				434013
11538	NAINITAL	9006	63 10 13	21 14 39.90	6 29 12	27 41				434013
11525	OLFSFTN	9002	63 10 13	22 37 34.71	6 04 42	-62 04				434023
11541	SHIRAZ	9008	63 10 13	23 09 36.19	6 21 42	31 17				434013
11539	NAINITAL	9006	63 10 13	23 10 33.49	2 03 12	32 46				434013
11526	OLFSFTN	9002	63 10 14	0 32 15.96	22 59 12	-55 09				434023
11527	OLFSFTN	9002	63 10 14	0 36 55.68	1 03 30	-34 35				434023
11495	SFERNNDO	9004	63 10 14	2 53 11.90	4 58 30	-16 30				434013
11496	SFERNNDO	9004	63 10 14	3 00 13.72	6 39 54	25 50				434013
11497	SFERNNDO	9004	63 10 14	4 55 13.18	2 25 36	26 22				434013
11542	CURACAO	9009	63 10 14	6 42 33.14	6 14 48	31 39				434013
11543	CURACAO	9009	63 10 14	6 45 00.83	6 56 30	44 56				434013
11544	CURACAO	9009	63 10 14	8 39 51.67	1 40 42	44 27				434013
11545	JUPITER	9010	63 10 14	8 41 05.08	3 58 48	32 19				434013
11524	ORGNPASS	9001	63 10 14	10 32 00.92	3 20 54	- 7 08				434013
11522	ORGNPASS	9001	63 10 14	10 37 05.69	3 55 00	30 25				434013
11546	MAUI, HA	9012	63 10 14	12 26 42.00	6 14 06	17 20				434013
11547	MAUI, HA	9012	63 10 14	12 30 10.86	7 14 48	38 09				434013
11532	WOOMERA	9003	63 10 14	13 49 47.92	7 08 06	-50 57				434023
11533	WOOMERA	9003	63 10 14	13 52 17.74	6 32 18	-39 53				434023
11534	WOOMERA	9003	63 10 14	13 57 36.94	6 00 42	-16 52				434013
11548	MAUI, HA	9012	63 10 14	14 21 36.41	2 04 24	18 24				434013
11549	MAUI, HA	9012	63 10 14	14 26 02.75	1 56 00	49 51				434013
11535	WOOMERA	9003	63 10 14	17 43 31.46	23 18 06	-37 29				434023
11557	NAINITAL	9006	63 10 14	20 06 12.38	6 50 54	7 29				434013
11559	NAINITAL	9006	63 10 14	20 09 21.43	7 38 36	22 42				434013
11560	NAINITAL	9006	63 10 14	22 00 29.65	3 27 42	8 35				434013

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11558	NAINITAL	9006	63 10 14	22 05 26.05	4 15 30	51 46				434013
11528	OLFSFTN	9002	63 10 14	23 24 37.54	23 24 30	-77 57				434023
11529	OLFSFTN	9002	63 10 14	23 30 10.20	3 08 48	-46 10				434023
11530	OLFSFTN	9002	63 10 15	1 23 01.28	23 16 54	-33 22				434023
11531	OLFSFTN	9002	63 10 15	1 24 37.03	23 43 12	-27 44				434023
11550	SFERNNDO	9004	63 10 15	1 50 22.94	6 33 18	0 17				434013
11551	SFERNNDO	9004	63 10 15	1 54 34.31	7 39 42	20 11				434013
11563	V.DLORES	9011	63 10 15	3 10 07.87	7 23 54	-55 03				434023
11564	V.DLORES	9011	63 10 15	3 14 20.07	6 19 12	-36 29				434023
11552	SFERNNDO	9004	63 10 15	3 44 41.75	3 36 00	-1 12				434013
11565	V.DLORES	9011	63 10 15	5 08 13.51	3 17 48	-71 58				434023
11566	V.DLORES	9011	63 10 15	7 04 44.24	23 12 48	-37 15				434023
11561	CURACAO	9009	63 10 15	7 34 21.28	4 07 48	59 41				434013
11562	CURACAO	9009	63 10 15	7 36 43.54	5 01 00	72 41				434013
11577	JUPITER	9010	63 10 15	7 37 40.71	7 24 30	44 56				434013
11567	ORGNPASS	9001	63 10 15	9 28 55.78	5 34 06	12 20				434013
11568	ORGNPASS	9001	63 10 15	9 32 13.97	6 43 24	36 26				434013
11578	JUPITER	9010	63 10 15	9 33 52.70	1 21 30	54 40				434013
11569	ORGNPASS	9001	63 10 15	11 24 18.58	1 59 42	14 20				434013
11570	ORGNPASS	9001	63 10 15	11 28 23.87	1 40 18	42 55				434013
11584	MAUI,HA	9012	63 10 15	13 22 15.39	6 39 00	72 47				434013
11571	WOOMERA	9003	63 10 15	14 40 40.92	6 06 48	-56 08				434023
11572	WOOMERA	9003	63 10 15	14 45 37.44	5 29 12	-25 50				434023
11585	MAUI,HA	9012	63 10 15	15 12 45.26	1 03 12	25 35				434013
11586	MAUI,HA	9012	63 10 15	15 14 54.80	0 50 30	36 30				434013
11587	MAUI,HA	9012	63 10 15	15 18 29.75	0 05 00	53 57				434013
11573	WOOMERA	9003	63 10 15	16 35 59.93	23 27 12	-58 07				434023
11579	OLFSFTN	9002	63 10 15	22 19 15.53	5 52 18	-67 29				434023
11580	OLFSFTN	9002	63 10 15	22 23 50.61	5 15 12	-38 04				434023
11581	OLFSFTN	9002	63 10 16	0 17 51.66	0 13 24	-41 33				434023
11583	SHIRAZ	9008	63 10 16	0 49 54.88	1 12 42	47 40				434013
11592	WOOMERA	9003	63 10 16	13 31 12.80	7 08 30	-54 58				434023
11595	MAUI,HA	9012	63 10 16	14 07 44.81	1 35 30	46 00				434013
11596	MAUI,HA	9012	63 10 16	14 09 49.86	1 16 24	60 15				434013
11593	WOOMERA	9003	63 10 16	15 29 20.89	2 59 18	-70 14				434023
11594	WOOMERA	9003	63 10 16	17 24 42.66	22 43 36	-39 44				434023
11588	OLFSFTN	9002	63 10 16	21 09 44.06	7 35 30	-62 57				434023
11589	OLFSFTN	9002	63 10 16	21 13 00.85	6 27 12	-49 08				434023
11590	OLFSFTN	9002	63 10 16	23 06 24.71	22 41 00	-76 57				434023
11591	OLFSFTN	9002	63 10 16	23 10 38.23	2 15 00	-57 15				434023
11598	SFERNNDO	9004	63 10 17	1 36 16.94	7 21 48	19 23				434013
11599	SFERNNDO	9004	63 10 17	3 30 53.56	3 50 18	32 15				434013
11600	SFERNNDO	9004	63 10 17	3 34 40.86	5 33 48	69 17				434013
11597	ORGNPASS	9001	63 10 17	9 15 54.24	7 28 30	48 49				434013
11642	MAUI,HA	9012	63 10 17	13 03 41.23	5 51 42	72 31				434013
11601	WOOMERA	9003	63 10 17	14 21 02.15	6 18 00	-65 35				434023
11602	WOOMERA	9003	63 10 17	14 26 18.62	5 14 54	-33 12				434023
11643	MAUI,HA	9012	63 10 17	14 57 54.81	0 22 24	42 05				434013
11603	WOOMERA	9003	63 10 17	16 20 42.87	0 44 12	-42 17				434023
11605	OLFSFTN	9002	63 10 17	21 59 18.87	6 19 30	-77 10				434023
11606	OLFSFTN	9002	63 10 17	22 04 18.46	4 58 24	-47 07				434023
11607	OLFSFTN	9002	63 10 17	23 58 23.19	23 29 12	-45 52				434023
11608	V.DLORES	9011	63 10 18	3 41 55.94	6 13 36	-66 18				434023
11609	V.DLORES	9011	63 10 18	3 47 43.72	5 06 42	-30 19				434023
11610	V.DLORES	9011	63 10 18	5 36 52.97	21 45 36	-61 11				434023
11611	V.DLORES	9011	63 10 18	5 42 12.70	0 51 36	-39 28				434023
11633	JUPITER	9010	63 10 18	8 10 43.74	6 17 42	80 48				434013
11612	ORGNPASS	9001	63 10 18	10 03 23.24	3 35 18	56 07				434013
11613	ORGNPASS	9001	63 10 18	10 05 09.19	4 22 18	72 32				434013
11614	ORGNPASS	9001	63 10 18	11 58 15.59	0 41 06	29 28				434013
11621	WOOMERA	9003	63 10 18	15 08 40.20	0 08 30	-81 59				434023
11622	WOOMERA	9003	63 10 18	15 14 07.62	3 18 48	-45 08				434023
11615	OLFSFTN	9002	63 10 18	20 50 22.00	7 45 36	-66 13				434023
11616	OLFSFTN	9002	63 10 18	20 56 23.40	5 51 00	-40 12				434023
11617	OLFSFTN	9002	63 10 18	22 51 47.59	1 46 00	-58 06				434023
11644	SHIRAZ	9008	63 10 18	23 25 35.15	3 22 18	72 17				434013
11629	NAINITAL	9006	63 10 18	23 25 47.94	0 14 36	38 30				434013
11645	SHIRAZ	9008	63 10 18	23 28 02.01	10 30 00	87 00				434013
11635	V.DLORES	9011	63 10 19	2 31 58.79	7 35 06	-61 53				434023
11636	V.DLORES	9011	63 10 19	2 35 55.39	6 06 12	-45 37				434023
11637	V.DLORES	9011	63 10 19	2 40 15.58	5 31 42	-25 43				434023
11638	V.DLORES	9011	63 10 19	4 30 37.68	1 34 48	-76 29				434023
11639	V.DLORES	9011	63 10 19	4 35 07.88	3 13 12	-43 45				434023
11640	V.DLORES	9011	63 10 19	6 25 26.52	21 49 42	-42 50				434023
11641	V.DLORES	9011	63 10 19	6 29 30.96	23 18 06	-29 54				434023
11634	JUPITER	9010	63 10 19	8 58 35.79	23 53 36	64 31				434013
11623	WOOMERA	9003	63 10 19	14 01 41.68	6 12 42	-68 59				434023
11624	WOOMERA	9003	63 10 19	14 07 03.18	4 58 42	-36 15				434023
11630	NAINITAL	9006	63 10 19	20 25 51.88	9 26 54	59 20				434013
11618	OLFSFTN	9002	63 10 19	21 40 01.99	6 08 00	-79 23				434023
11619	OLFSFTN	9002	63 10 19	21 45 02.00	4 39 42	-49 49				434023
11631	NAINITAL	9006	63 10 19	22 20 13.65	23 42 24	64 03				434013
11620	OLFSFTN	9002	63 10 19	23 39 23.43	23 13 48	-45 09				434023
11632	SHIRAZ	9008	63 10 20	0 14 32.06	23 45 48	60 01				434013
11625	SFERNNDO	9004	63 10 20	2 10 04.36	9 10 54	54 09				434013
11649	V.DLORES	9011	63 10 20	3 22 17.89	6 12 42	-70 13				434023

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
11626	SFERNNDO	9004	63 10 20	4 04 12.19	0 27 42	59 57				434013
11627	SFERNNDO	9004	63 10 20	4 06 01.76	22 42 36	72 34				434013
11651	V.DLORES	9011	63 10 20	5 17 33.80	21 23 06	-60 39				434023
11652	V.DLORES	9011	63 10 20	5 22 38.09	0 21 54	-41 09				434023
11646	OLFSFTN	9002	63 10 20	20 37 17.48	5 33 42	-39 40				434023
11648	NAINITAL	9006	63 10 20	21 14 44.91	12 30 00	81 30				434013
11647	OLFSFTN	9002	63 10 20	22 31 41.98	1 02 06	-62 19				434023
11655	V.DLORES	9011	63 10 21	2 16 12.66	5 54 54	-47 44				434023
11656	V.DLORES	9011	63 10 21	2 21 07.81	5 15 42	-25 01				434023
11653	SFERNNDO	9004	63 10 21	2 57 34.60	6 55 06	79 52				434013
11657	V.DLORES	9011	63 10 21	4 10 37.82	0 21 24	-78 57				434023
11658	V.DLORES	9011	63 10 21	4 15 57.16	2 54 54	-42 13				434023
11654	SFERNNDO	9004	63 10 21	4 52 28.50	23 43 42	45 09				434013
11663	ORGNPASS	9001	63 10 21	10 36 40.41	21 22 48	71 55				434013
11659	WOOMERA	9003	63 10 21	13 42 04.41	5 55 00	-70 02				434023
11660	WOOMERA	9003	63 10 21	13 47 55.36	4 40 24	-34 14				434023
11661	WOOMERA	9003	63 10 21	15 38 30.32	22 09 54	-57 45				434023
11662	WOOMERA	9003	63 10 21	15 42 23.64	0 11 00	-40 33				434023
11665	V.DLORES	9011	63 10 22	3 03 24.05	5 26 00	-66 10				434023
11666	V.DLORES	9011	63 10 22	3 07 57.77	4 36 00	-37 30				434023
11670	AREQUIPA	9007	63 10 22	3 08 34.96	5 45 12	-47 32				434023
11664	SFERNNDO	9004	63 10 22	3 45 58.35	22 35 30	70 48				434013
11667	WOOMERA	9003	63 10 22	12 40 24.46	5 07 06	-26 11				434023
11668	WOOMERA	9003	63 10 22	16 25 58.57	21 43 00	-40 51				434023
11669	WOOMERA	9003	63 10 22	16 29 05.33	22 46 24	-31 12				434023
11671	OLFSFTN	9002	63 10 23	0 06 48.25	22 20 42	-32 20				434023
11674	WOOMERA	9003	63 10 23	13 27 05.67	4 26 18	-38 33				434023
11675	WOOMERA	9003	63 10 23	15 16 59.17	21 05 36	-59 52				434023
11676	WOOMERA	9003	63 10 23	15 22 13.82	23 56 48	-39 58				434023
11677	TOKYO	9005	63 10 23	17 55 24.20	19 33 18	71 28				434013
11672	OLFSFTN	9002	63 10 23	21 00 28.33	4 56 00	-78 22				434023
11673	OLFSFTN	9002	63 10 23	22 59 46.50	22 53 00	-42 52				434023
11678	AREQUIPA	9007	63 10 24	2 46 42.27	5 44 36	-54 12				434023
11684	SFERNNDO	9004	63 10 24	3 27 46.85	18 11 30	71 56				434013
11682	WOOMERA	9003	63 10 24	14 08 55.97	22 46 12	-80 09				434023
11683	WOOMERA	9003	63 10 24	14 14 07.19	2 16 24	-48 39				434023
11679	OLFSFTN	9002	63 10 24	19 50 20.97	7 02 48	-68 18				434023
11680	OLFSFTN	9002	63 10 24	19 53 04.73	5 45 48	-58 00				434023
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11685	OLFSFTN	9002	63 10 25	20 39 42.52	4 27 00	-77 25				434023
11686	OLFSFTN	9002	63 10 25	20 43 25.76	3 48 54	-55 28				434023
11687	OLFSFTN	9002	63 10 25	22 35 36.69	21 19 06	-52 38				434023
11688	OLFSFTN	9002	63 10 25	22 38 51.60	22 40 30	-42 27				434023
11699	AREQUIPA	9007	63 10 26	4 21 21.48	23 52 36	-70 29				434023
11694	WOOMERA	9003	63 10 26	11 48 47.91	7 36 00	-67 28				434023
11695	WOOMERA	9003	63 10 26	11 52 57.90	5 29 06	-53 06				434023
11696	WOOMERA	9003	63 10 26	13 48 05.31	23 15 54	-78 33				434023
11697	WOOMERA	9003	63 10 26	13 53 47.93	2 11 06	-41 50				434023
11698	WOOMERA	9003	63 10 26	15 47 49.14	22 28 12	-29 07				434023
11689	OLFSFTN	9002	63 10 26	19 28 35.71	7 02 00	-69 36				434023
11690	OLFSFTN	9002	63 10 26	19 31 27.59	5 35 48	-59 30				434023
11691	OLFSFTN	9002	63 10 26	19 36 41.04	4 41 36	-34 32				434023
11692	OLFSFTN	9002	63 10 26	21 26 33.13	21 36 00	-73 21				434023
11693	OLFSFTN	9002	63 10 26	21 31 30.88	0 54 30	-51 07				434023
11703	AREQUIPA	9007	63 10 27	3 13 54.28	4 03 30	-62 47				434023
11700	WOOMERA	9003	63 10 27	12 46 00.06	3 53 18	-31 08				434023
11701	WOOMERA	9003	63 10 27	14 34 15.32	20 30 12	-60 03				434023
11702	WOOMERA	9003	63 10 27	14 39 44.97	23 26 48	-40 21				434023
11704	V.DLORES	9011	63 10 28	1 59 31.05	4 53 36	-70 51				434023
11705	V.DLORES	9011	63 10 28	2 06 32.03	3 46 54	-28 00				434023
11706	V.DLORES	9011	63 10 28	3 54 49.03	20 45 18	-59 17				434023
11707	V.DLORES	9011	63 10 28	4 00 41.05	23 42 12	-34 55				434023
11708	WOOMERA	9003	63 10 28	11 31 08.80	5 14 00	-53 18				434023
11709	WOOMERA	9003	63 10 28	13 26 16.32	23 05 24	-78 23				434023
11710	WOOMERA	9003	63 10 28	13 32 00.79	1 57 42	-41 50				434023
11713	WOOMERA	9003	63 10 29	12 17 22.69	4 43 48	-70 47				434023
11714	WOOMERA	9003	63 10 29	12 24 16.51	3 39 06	-29 16				434023
11711	OLFSFTN	9002	63 10 29	19 56 11.54	3 49 06	-75 49				434023
11712	OLFSFTN	9002	63 10 29	20 02 20.12	3 19 00	-38 04				434023
11715	WOOMERA	9003	63 10 30	13 04 06.92	23 14 48	-77 32				434023
11716	WOOMERA	9003	63 10 30	13 10 19.22	1 51 24	-36 57				434023
11717	WOOMERA	9003	63 10 31	11 54 56.15	4 21 18	-69 05				434023
11718	WOOMERA	9003	63 10 31	13 50 19.16	20 40 24	-59 12				434023
11719	WOOMERA	9003	63 10 31	13 57 21.99	23 46 48	-26 00				434023
11721	WOOMERA	9003	63 11 01	12 41 57.17	0 02 00	-73 25				434023
11722	WOOMERA	9003	63 11 02	11 32 21.18	3 53 24	-65 01				434023
11724	WOOMERA	9003	63 11 02	13 27 48.16	20 57 12	-58 03				434023
11723	WOOMERA	9003	63 11 02	13 34 57.31	23 47 12	-20 50				434013
11720	OLFSFTN	9002	63 11 02	21 12 29.48	22 54 12	-25 40				434023

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
11725	V.DLORES	9C11	63 11 03	0 51 59.92	3 47 12	-64 34				434C23
11726	V.DLORES	9C11	63 11 03	2 47 22.20	20 52 36	-58 13				434C23
11727	V.DLORES	9C11	63 11 03	2 55 02.30	23 51 48	-17 17				434C13
11729	WOOMERA	9003	63 11 03	10 17 54.09	6 32 12	-67 52				434C23
11730	WOOMERA	9003	63 11 03	10 23 34.42	4 12 18	-47 19				434C23
11731	WOOMERA	9003	63 11 03	12 17 54.01	23 30 36	-76 19				434C23
11732	WOOMERA	9003	63 11 03	12 26 29.79	1 48 18	-17 37				434C13
11733	WOOMERA	9003	63 11 03	14 21 04.54	22 31 48	-12 04				434C13
11728	DLFSFTN	9002	63 11 03	20 02 58.55	0 48 18	-34 43				434C23
11736	V.DLORES	9C11	63 11 04	1 47 11.12	1 51 18	- 9 26				434C13
11737	V.DLORES	9011	63 11 04	3 40 43.28	22 30 54	-11 20				434C13
11730	DLFSFTN	9002	63 11 04	18 47 35.40	3 00 12	-67 22				434C23
11731	DLFSFTN	9002	63 11 04	18 56 23.20	2 49 24	-12 52				434C13
11732	DLFSFTN	9002	63 11 04	20 44 21.56	21 21 18	-47 13				434C23
11733	DLFSFTN	9002	63 11 04	20 50 37.08	23 08 12	-14 29				434C13
11738	V.DLORES	9011	63 11 05	2 23 34.17	20 44 18	-58 45				434C23
11734	AREQUIPA	9007	63 11 05	2 27 30.00	23 16 24	-70 41				434C23
11739	V.DLORES	9011	63 11 05	2 31 54.40	23 50 54	-12 40				434C13
11735	AREQUIPA	9007	63 11 05	2 32 54.95	0 57 36	-41 35				434C23
11740	DLFSFTN	9002	63 11 05	17 39 50.58	3 44 24	-43 14				434C23
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11742	DLFSFTN	9002	63 11 05	19 40 07.27	0 52 42	-26 13				434C23
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11744	V.DLORES	9011	63 11 06	1 15 08.62	0 30 18	-65 58				434C23
11745	DLFSFTN	9002	63 11 06	18 24 29.38	2 43 36	-60 26				434C23
11746	DLFSFTN	9002	63 11 06	20 20 15.56	21 12 54	-47 32				434C23
11747	DLFSFTN	9002	63 11 06	20 27 40.40	23 12 42	- 6 30				434C13
11751	AREQUIPA	9007	63 11 07	4 01 17.93	21 08 00	-31 27				434C23
11752	AREQUIPA	9007	63 11 07	4 05 10.37	21 47 30	-15 55				434C13
11748	WOOMERA	9003	63 11 07	11 41 19.96	1 45 48	2 22				434C13
11749	WOOMERA	9003	63 11 07	13 28 11.02	21 00 36	-33 39				434C23
11750	WOOMERA	9003	63 11 07	13 35 49.86	22 41 00	3 29				434C13
11758	AREQUIPA	9007	63 11 08	1 02 20.61	2 55 30	-14 02				434C13
11759	AREQUIPA	9007	63 11 08	2 50 09.74	21 21 54	-50 46				434C23
11753	WOOMERA	9003	63 11 08	10 24 17.96	2 42 30	-37 59				434C23
11754	WOOMERA	9003	63 11 08	12 16 36.64	21 13 42	-56 10				434C23
11755	WOOMERA	9003	63 11 08	12 26 32.28	0 03 48	5 25				434C13
11756	WOOMERA	9003	63 11 08	14 16 24.43	21 15 54	-13 33				434C13
11757	WOOMERA	9003	63 11 08	14 20 24.18	21 52 18	1 52				434C13
11764	V.DLORES	9C11	63 11 09	1 36 32.11	21 34 30	-53 11				434C23
11760	AREQUIPA	9007	63 11 09	1 40 09.22	23 55 54	-64 03				434C23
11765	V.DLORES	9011	63 11 09	1 46 30.67	0 08 48	10 04				434C13
11761	AREQUIPA	9007	63 11 09	1 46 45.03	1 10 30	-20 55				434C13
11762	AREQUIPA	9007	63 11 09	3 36 24.51	20 53 00	-32 31				434C23
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11766	WOOMERA	9003	63 11 09	11 07 02.70	0 36 00	-62 39				434C23
11767	WOOMERA	9003	63 11 09	11 18 55.21	1 48 48	15 10				434C13
11768	WOOMERA	9003	63 11 09	13 03 17.02	20 47 30	-34 34				434C23
11769	WOOMERA	9003	63 11 09	13 12 50.97	22 46 42	13 14				434C13
11777	V.DLORES	9C11	63 11 10	0 26 42.77	0 41 00	-58 49				434C23
11773	AREQUIPA	9007	63 11 10	0 30 49.83	2 44 00	-51 15				434C23
11774	AREQUIPA	9007	63 11 10	0 38 20.45	2 48 42	- 8 09				434C13
11778	V.DLORES	9C11	63 11 10	2 23 45.64	21 08 18	-29 00				434C23
11775	AREQUIPA	9007	63 11 10	2 24 55.83	21 07 24	-52 39				434C23
11776	AREQUIPA	9007	63 11 10	2 32 32.80	23 00 54	-10 36				434C13
11779	V.DLORES	9C11	63 11 10	2 32 58.45	22 53 30	18 12				434C13
11770	WOOMERA	9003	63 11 10	11 52 42.53	21 43 00	-51 47				434C23
11771	WOOMERA	9003	63 11 10	12 05 05.32	0 25 30	25 33				434C13
11772	WOOMERA	9003	63 11 10	13 51 38.08	21 06 12	-12 35				434C13
11780	V.DLORES	9C11	63 11 11	1 12 32.76	22 02 00	-47 42				434C23
11785	AREQUIPA	9007	63 11 11	1 16 39.25	0 21 30	-54 50				434C23
11786	AREQUIPA	9007	63 11 11	1 24 40.28	1 28 48	3 26				434C13
11781	V.DLORES	9011	63 11 11	3 10 01.31	20 55 36	-15 06				434C13
11787	AREQUIPA	9007	63 11 11	3 14 43.66	21 18 12	-18 43				434C13
11788	AREQUIPA	9007	63 11 11	3 17 48.68	21 44 30	- 3 13				434C13
11782	WOOMERA	9003	63 11 11	10 42 26.33	0 42 12	-57 32				434C23
11783	WOOMERA	9003	63 11 11	12 38 21.01	20 43 12	-33 46				434C23
11784	WOOMERA	9003	63 11 11	12 48 11.71	22 42 24	17 02				434C13
11792	V.DLORES	9C11	63 11 12	0 00 38.73	0 33 00	-62 35				434C23
11789	AREQUIPA	9007	63 11 12	0 04 43.05	2 37 30	-53 49				434C23
11791	AREQUIPA	9007	63 11 12	2 08 46.11	23 11 06	1 59				434C13
11793	WOOMERA	9003	63 11 12	13 24 19.59	20 33 00	-19 26				434C13
11794	WOOMERA	9003	63 11 12	13 30 45.54	21 34 12	6 18				434C13
11799	V.DLORES	9C11	63 11 13	0 47 11.51	22 04 24	-46 48				434C23
11795	AREQUIPA	9007	63 11 13	0 50 40.68	0 18 00	-56 37				434C23
11796	AREQUIPA	9007	63 11 13	1 00 32.78	1 35 30	14 20				434C13
11797	AREQUIPA	9007	63 11 13	2 48 36.80	21 01 42	-21 19				434C13
11800	V.DLORES	9011	63 11 13	2 50 19.36	21 37 12	9 04				434C13
11798	AREQUIPA	9007	63 11 13	2 55 23.41	21 55 06	15 17				434C13
11801	WOOMERA	9003	63 11 13	10 21 51.68	1 06 00	-20 30				434C13
11802	WOOMERA	9003	63 11 13	10 24 43.39	1 18 12	- 1 56				434C13
11805	AREQUIPA	9007	63 11 13	23 45 19.97	2 26 00	-17 28				434C13

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11806	AREQUIPA	9007	63 11 13	23 48 25.71	2 34 42	- 0 25				434C13
11807	AREQUIPA	9007	63 11 14	1 45 47.98	23 33 00	23 53				434C13
11803	WOOMERA	9003	63 11 14	11 03 46.14	22 30 42	-38 14				434C23
11809	V.DLORES	9011	63 11 15	0 22 24.55	22 26 24	-39 34				434C23
11808	AREQUIPA	9007	63 11 15	0 27 13.13	0 40 54	-39 48				434C23
11810	V.DLORES	9011	63 11 15	2 18 24.29	20 30 24	-15 27				434C13
11811	V.DLORES	9011	63 11 15	2 25 20.47	21 32 42	13 57				434C13
11827	MAUI,HA	9012	63 11 15	6 19 45.30	1 37 48	-38 24				434C23
11812	OLFSFTN	9002	63 11 15	17 33 50.69	0 30 12	-23 02				434C23
11823	V.DLORES	9011	63 11 16	1 08 07.16	21 06 18	-21 42				434C13
11817	AREQUIPA	9007	63 11 16	1 11 40.57	22 04 42	-35 17				434C23
11813	WOOMERA	9003	63 11 16	10 36 30.34	22 09 36	-45 32				434C23
11814	WOOMERA	9003	63 11 16	12 33 56.62	20 28 18	-13 03				434C13
11815	WOOMERA	9003	63 11 16	12 39 50.89	21 20 30	12 47				434C13
11824	V.DLORES	9011	63 11 16	23 59 58.59	23 15 06	-11 10				434C13
11818	AREQUIPA	9007	63 11 17	0 00 20.03	0 36 24	-42 53				434C23
11820	CURACAO	9009	63 11 17	0 07 25.79	1 08 54	-45 44				434C23
11821	CURACAO	9009	63 11 17	0 13 17.73	2 05 06	-10 48				434C13
11825	V.DLORES	9011	63 11 17	1 51 43.44	20 13 42	-17 08				434C13
11819	AREQUIPA	9007	63 11 17	1 57 13.42	20 50 00	-17 13				434C13
11826	V.DLORES	9011	63 11 17	1 58 37.87	21 18 42	13 04				434C13
11822	CURACAO	9009	63 11 17	2 07 12.26	21 35 12	-11 03				434C13
11828	MAUI,HA	9012	63 11 17	5 52 12.38	1 24 00	-42 38				434C23
11829	MAUI,HA	9012	63 11 17	5 56 00.92	2 00 48	-24 13				434C23
11830	MAUI,HA	9012	63 11 17	7 49 37.48	21 55 36	-26 01				434C23
11816	WOOMERA	9003	63 11 17	11 21 54.12	20 45 00	-27 36				434C23
11834	AREQUIPA	9007	63 11 18	0 47 11.38	22 29 30	-21 18				434C13
11840	MAUI,HA	9012	63 11 18	6 40 22.27	0 03 18	-25 02				434C23
11832	WOOMERA	9003	63 11 18	12 06 32.76	20 07 06	-16 38				434C13
11833	WOOMERA	9003	63 11 18	12 14 13.42	21 16 06	17 51				434C13
11831	OLFSFTN	9002	63 11 18	17 48 46.91	21 32 48	-39 05				434C23
11835	CURACAO	9009	63 11 18	23 41 27.98	1 13 18	-41 30				434C23
11836	CURACAO	9009	63 11 18	23 48 39.30	2 30 30	6 12				434C13
11838	CURACAO	9009	63 11 19	1 37 49.15	21 16 12	-26 05				434C23
11837	CURACAO	9009	63 11 19	1 42 15.23	21 31 30	2 09				434C13
11862	JUPITER	9010	63 11 19	1 42 41.88	23 34 48	-28 18				434C23
11850	MAUI,HA	9012	63 11 19	5 26 03.51	1 27 42	-39 21				434C23
11852	MAUI,HA	9012	63 11 19	7 25 01.89	21 55 06	-14 27				434C13
11841	V.DLORES	9011	63 11 20	0 13 46.52	20 36 54	-28 10				434C23
11847	AREQUIPA	9007	63 11 20	0 18 31.54	22 05 42	-34 55				434C23
11860	CURACAO	9009	63 11 20	0 26 05.85	23 00 18	-40 17				434C23
11848	JUPITER	9010	63 11 20	0 32 14.31	1 38 48	-24 00				434C23
11861	CURACAO	9009	63 11 20	0 32 29.26	0 14 48	12 39				434C13
11849	JUPITER	9010	63 11 20	2 27 11.19	21 46 30	-18 22				434C13
11853	MAUI,HA	9012	63 11 20	6 10 05.98	23 29 42	-42 20				434C23
11854	MAUI,HA	9012	63 11 20	6 14 54.42	0 24 36	-13 25				434C13
11855	MAUI,HA	9012	63 11 20	8 07 58.10	20 50 00	-12 44				434C13
11856	MAUI,HA	9012	63 11 20	8 09 46.80	20 49 30	- 3 34				434C13
11845	WOOMERA	9003	63 11 20	11 38 37.41	19 43 18	-20 56				434C13
11846	MAINITAL	9006	63 11 20	13 49 19.15	1 04 18	-35 27				434C23
11858	SHIRAZ	9008	63 11 20	15 44 38.07	1 05 06	-31 12				434C23
11859	SHIRAZ	9008	63 11 20	17 41 07.02	21 37 42	-15 57				434C13
11857	AREQUIPA	9007	63 11 21	1 04 25.65	20 41 36	-12 04				434C13
11881	MAUI,HA	9012	63 11 21	6 55 54.06	21 42 18	-26 28				434C23
11886	MAUI,HA	9012	63 11 21	7 00 35.89	21 58 42	9 26				434C13
11863	SFERNDO	9004	63 11 21	20 19 47.87	23 54 36	-23 58				434C23
11864	AREQUIPA	9007	63 11 21	23 54 41.57	22 47 36	- 7 37				434C13
11882	MAUI,HA	9012	63 11 22	5 44 09.53	23 44 54	-36 17				434C23
11883	MAUI,HA	9012	63 11 22	5 50 47.74	1 37 42	21 49				434C13
11884	MAUI,HA	9012	63 11 22	7 40 59.68	20 37 36	-11 18				434C13
11885	MAUI,HA	9012	63 11 22	7 44 23.23	20 31 48	9 11				434C13
11870	WOOMERA	9003	63 11 22	11 11 50.58	19 37 54	-19 20				434C13
11873	MAINITAL	9006	63 11 22	13 24 06.11	1 28 24	-24 32				434C23
11879	JUPITER	9010	63 11 23	0 47 04.01	23 24 24	-34 19				434C23
11880	JUPITER	9010	63 11 23	0 52 01.23	0 39 06	3 39				434C13
11877	CURACAO	9009	63 11 23	0 52 03.88	21 25 06	50 30				434C13
11865	ORGNPASS	9001	63 11 23	2 46 14.39	0 05 24	-11 12				434C13
11874	MAINITAL	9006	63 11 23	14 11 14.20	0 35 12	2 23				434C13
11875	MAINITAL	9006	63 11 23	16 05 27.57	20 32 36	2 00				434C13
11872	SFERNDO	9004	63 11 23	19 53 58.70	0 24 12	-12 39				434C13
11878	CURACAO	9009	63 11 23	23 32 42.83	23 22 18	-32 41				434C23
11866	ORGNPASS	9001	63 11 24	1 30 56.42	0 58 30	-32 40				434C23
11867	ORGNPASS	9001	63 11 24	1 33 07.14	1 27 42	-22 04				434C13
11869	ORGNPASS	9001	63 11 24	1 36 27.20	2 31 54	- 0 01				434C13
11868	ORGNPASS	9001	63 11 24	3 30 11.32	21 42 42	- 3 09				434C13
11871	WOOMERA	9003	63 11 24	10 43 02.74	19 11 06	-25 07				434C23
11888	SHIRAZ	9008	63 11 24	14 52 02.03	1 38 12	-16 00				434C13
11889	SHIRAZ	9008	63 11 24	14 54 46.57	2 34 36	4 15				434C13
11876	MAINITAL	9006	63 11 24	14 55 21.29	21 39 12	13 28				434C13
11887	ORGNPASS	9001	63 11 25	2 20 34.08	1 08 24	12 58				434C13

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11890	TOKYO	9005	63 11 26	10 41 12.50	21 48 00	18 56				434013
11891	MAINITAL	9006	63 11 26	14 23 26.57	21 28 36	-20 43				434013
11893	SHIRAZ	9008	63 11 26	14 25 32.20	2 06 18	- 4 29				434013
11894	SHIRAZ	9008	63 11 26	14 28 54.81	3 31 36	20 13				434013
11892	MAINITAL	9006	63 11 26	14 29 00.28	21 43 48	43 33				434013
11895	SHIRAZ	9008	63 11 26	16 18 26.04	21 18 42	-14 34				434013
11896	SHIRAZ	9008	63 11 26	16 23 15.27	21 14 12	42 43				434013
11897	ORGNPASS	9001	63 11 27	1 47 47.01	23 35 36	-28 26				434023
11898	ORGNPASS	9001	63 11 27	1 53 33.59	2 12 12	27 53				434013
11899	ORGNPASS	9001	63 11 27	3 45 59.87	20 13 36	4 07				434013
11900	ORGNPASS	9001	63 11 27	3 47 54.49	19 54 18	19 58				434013
11904	MAINITAL	9006	63 11 27	13 18 39.06	3 29 06	42 41				434013
11905	MAINITAL	9006	63 11 27	15 07 27.11	20 14 12	- 9 03				434013
11906	MAINITAL	9006	63 11 27	15 08 46.75	20 09 48	- 0 57				434013
11907	MAINITAL	9006	63 11 27	15 12 06.82	19 38 18	26 54				434013
11908	MAUI,HA	9012	63 11 27	15 42 08.43	14 36 30	19 46				434013
11901	ORGNPASS	9001	63 11 28	2 32 17.78	21 33 54	-16 26				434013
11902	ORGNPASS	9001	63 11 28	2 37 01.71	21 57 24	46 17				434013
11916	TOKYO	9005	63 11 28	10 10 02.80	21 41 12	-11 56				434013
11917	TOKYO	9005	63 11 28	10 13 44.60	22 01 36	38 45				434013
11909	SHIRAZ	9008	63 11 28	15 50 45.15	21 18 24	-10 05				434013
11918	TOKYO	9005	63 11 28	20 10 36.30	8 21 30	-21 05				434013
11925	MAUI,HA	9012	63 11 29	5 05 20.54	21 45 54	-22 33				434013
11926	MAUI,HA	9012	63 11 29	5 12 30.41	0 44 18	70 55				434013
11922	SHIRAZ	9008	63 11 29	14 39 35.66	0 15 00	- 9 42				434013
11919	MAINITAL	9006	63 11 29	14 40 44.61	19 56 06	2 35				434013
11920	MAINITAL	9006	63 11 29	14 45 24.12	18 31 30	49 04				434013
11927	MAUI,HA	9012	63 11 29	15 12 56.76	14 43 42	27 43				434013
11913	SFERNNDO	9004	63 11 29	18 28 15.78	0 18 06	-19 30				434013
11924	JUPITER	9010	63 11 30	0 08 34.23	21 35 30	-14 47				434013
11911	ORGNPASS	9001	63 11 30	2 04 07.33	21 36 42	-14 32				434013
11912	ORGNPASS	9001	63 11 30	2 09 44.91	23 44 00	75 31				434013
11928	MAUI,HA	9012	63 11 30	5 50 39.00	19 53 00	2 36				434013
11929	MAUI,HA	9012	63 11 30	5 56 06.96	18 31 18	59 59				434013
11932	TOKYO	9005	63 11 30	9 40 58.70	21 39 24	-16 13				434013
11933	TOKYO	9005	63 11 30	9 46 42.10	0 15 30	76 02				434013
11921	MAINITAL	9006	63 11 30	13 28 07.63	21 39 00	-10 02				434013
11914	SFERNNDO	9004	63 11 30	19 11 40.56	22 03 48	-15 07				434013
11915	SFERNNDO	9004	63 11 30	19 16 17.93	0 25 42	59 28				434013
11923	CURACAO	9009	63 11 30	22 55 18.44	21 35 42	13 13				434013
11934	MAINITAL	9006	63 12 02	12 56 43.78	21 23 48	-29 22				434023
11930	SFERNNDO	9004	63 12 02	18 42 31.63	22 06 24	-17 58				434013
11931	SFERNNDO	9004	63 12 02	18 48 15.51	3 43 42	66 04				434013
11935	ORGNPASS	9001	63 12 03	2 19 05.07	19 47 12	- 1 52				434013
11936	ORGNPASS	9001	63 12 03	2 24 00.85	17 50 36	56 05				434013
11938	MAINITAL	9006	63 12 03	13 42 58.01	19 37 24	2 49				434013
11939	MAINITAL	9006	63 12 03	13 48 03.48	17 09 00	63 12				434013
11937	CURACAO	9009	63 12 03	23 13 01.75	18 50 00	51 58				434013
11940	ORGNPASS	9001	63 12 04	1 05 54.31	21 43 36	-19 23				434013
11941	MAUI,HA	9012	63 12 04	4 51 27.34	19 41 30	- 9 15				434013
11942	ORGNPASS	9001	63 12 05	1 50 11.35	19 37 54	0 37				434013
11943	ORGNPASS	9001	63 12 05	1 55 19.92	16 22 36	67 03				434013
30004	CHIN-LAK	0098	63 12 06	2 36 37.8			303 07 48	30 44 24		641303
11948	JUPITER	9010	63 12 06	23 25 00.27	19 29 12	- 0 58				434013
11944	ORGNPASS	9001	63 12 07	1 20 56.42	19 31 42	3 18				434013
11945	ORGNPASS	9001	63 12 07	1 25 50.32	15 14 30	72 25				434013
11946	MAINITAL	9006	63 12 07	12 44 18.16	19 26 18	5 01				434013
11950	TOKYO	9005	63 12 09	8 29 26.50	19 23 06	24 47				434013
11947	CURACAO	9009	63 12 09	9 03 01.51	7 12 12	-33 28				434023
11949	SFERNNDO	9004	63 12 10	18 43 47.60	17 04 00	39 01				434013
11951	AREQUIPA	9007	63 12 11	8 39 41.64	11 23 30	-17 04				434013
11952	MOOMERA	9003	63 12 11	18 09 22.58	11 38 30	26 29				434013
11953	V.DLORES	9011	63 12 12	7 27 32.23	11 38 30	25 22				434013
11954	V.DLORES	9011	63 12 12	7 31 32.63	12 38 24	- 8 17				434013
11955	AREQUIPA	9007	63 12 13	8 05 41.11	10 23 06	40 04				434013
11956	OLFSFTN	9002	63 12 14	1 13 30.95	10 44 36	34 22				434013
11957	OLFSFTN	9002	63 12 14	1 18 03.60	12 00 54	-13 54				434013
11959	V.DLORES	9011	63 12 14	6 57 52.52	11 41 18	18 51				434013
11960	V.DLORES	9011	63 12 14	7 01 14.44	12 28 30	- 7 31				434013
11961	V.DLORES	9011	63 12 14	7 07 11.04	14 21 24	-39 10				434023
11958	MOOMERA	9003	63 12 14	18 25 53.81	11 14 54	-23 42				434023
11962	V.DLORES	9011	63 12 15	7 43 46.72	11 15 18	-20 25				434013
11964	OLFSFTN	9002	63 12 16	0 47 15.69	11 52 06	- 9 42				434013
11963	AREQUIPA	9007	63 12 16	8 23 10.28	8 56 18	-51 01				434023

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11965	WOOMERA	9003	63 12 16	17 54 47.21	11 06 00	-16 07				434013
11975	AREQUIPA	9007	63 12 17	7 06 47.47	11 15 36	7 08				434013
11976	AREQUIPA	9007	63 12 17	7 09 58.22	12 04 18	-26 52				434023
11977	AREQUIPA	9007	63 12 17	9 04 54.44	5 49 00	-36 11				434023
11970	WOOMERA	9003	63 12 17	16 39 44.94	11 41 00	8 56				434013
11971	WOOMERA	9003	63 12 17	16 41 43.77	12 06 00	- 4 58				434013
11972	WOOMERA	9003	63 12 17	16 45 44.41	13 08 54	-27 56				434023
11973	WOOMERA	9003	63 12 17	18 35 07.49	7 56 18	- 2 30				434013
11974	WOOMERA	9003	63 12 17	18 42 20.09	11 33 00	-74 19				434023
11966	OLFSFTN	9002	63 12 18	0 12 39.88	10 54 00	26 30				434013
11967	OLFSFTN	9002	63 12 18	0 17 57.07	12 10 12	-20 21				434013
11968	OLFSFTN	9002	63 12 18	2 10 13.60	6 29 48	- 8 05				434013
11969	OLFSFTN	9002	63 12 18	2 15 57.35	6 59 00	-66 39				434023
11981	AREQUIPA	9007	63 12 18	7 53 21.74	9 58 00	-57 30				434023
11979	WOOMERA	9003	63 12 18	17 18 38.81	9 39 06	35 12				434013
11980	WOOMERA	9003	63 12 18	17 24 27.01	11 17 12	-19 04				434013
11978	OLFSFTN	9002	63 12 19	0 54 53.15	8 39 36	26 03				434013
11985	AREQUIPA	9007	63 12 19	6 37 13.12	11 31 00	- 7 20				434013
11986	AREQUIPA	9007	63 12 19	6 39 24.53	12 02 24	-26 31				434023
12075	V.DLORES	9011	63 12 19	6 42 52.68	11 30 42	-22 14				434013
11982	WOOMERA	9003	63 12 19	16 10 06.57	11 45 24	0 04				434013
11983	WOOMERA	9003	63 12 19	18 01 34.18	7 34 42	24 18				434013
11984	WOOMERA	9003	63 12 19	18 08 33.33	9 40 00	-52 50				434023
11987	OLFSFTN	9002	63 12 19	23 42 54.78	11 04 48	14 40				434013
11988	OLFSFTN	9002	63 12 19	23 46 29.10	11 52 24	-14 39				434013
11989	OLFSFTN	9002	63 12 20	1 36 58.50	6 17 54	15 16				434013
11990	V.DLORES	9011	63 12 20	5 28 46.67	11 50 48	- 4 22				434013
11991	V.DLORES	9011	63 12 20	5 32 15.27	12 39 18	-22 57				434013
11998	AREQUIPA	9007	63 12 20	7 18 39.38	8 50 30	-11 22				434013
11999	AREQUIPA	9007	63 12 20	7 22 52.20	10 38 48	-57 11				434023
11992	V.DLORES	9011	63 12 20	7 25 45.48	9 34 06	-44 42				434023
11993	WOOMERA	9003	63 12 20	16 49 06.98	10 03 48	22 02				434013
11994	WOOMERA	9003	63 12 20	16 54 38.70	11 40 42	-26 50				434023
11995	WOOMERA	9003	63 12 20	18 44 15.65	6 03 24	9 22				434013
12003	V.DLORES	9011	63 12 21	6 06 35.61	10 00 48	24 24				434013
12000	AREQUIPA	9007	63 12 21	6 06 51.44	11 33 54	-12 40				434013
12004	V.DLORES	9011	63 12 21	6 12 27.67	11 39 06	-24 59				434023
12002	AREQUIPA	9007	63 12 21	8 04 46.84	6 17 54	-57 32				434023
12005	V.DLORES	9011	63 12 21	8 05 50.40	6 27 24	-23 23				434023
11996	WOOMERA	9003	63 12 21	17 30 48.28	7 50 06	21 27				434013
11997	WOOMERA	9003	63 12 21	17 37 38.68	10 07 18	-51 57				434023
12006	OLFSFTN	9002	63 12 22	1 13 11.47	7 58 00	-63 35				434023
12010	V.DLORES	9011	63 12 22	6 49 01.77	8 04 42	17 51				434013
12007	WOOMERA	9003	63 12 22	16 18 57.03	10 19 06	11 49				434013
12008	WOOMERA	9003	63 12 22	16 23 42.13	11 39 36	-26 21				434023
12009	WOOMERA	9003	63 12 22	18 19 04.17	6 35 54	-47 33				434023
12011	OLFSFTN	9002	63 12 23	1 49 49.44	5 19 12	- 8 49				434013
12015	AREQUIPA	9007	63 12 23	5 36 17.29	11 33 42	-16 45				434013
12018	V.DLORES	9011	63 12 23	5 36 50.44	10 21 00	10 50				434013
12019	V.DLORES	9011	63 12 23	5 41 18.33	11 34 12	-23 45				434023
12016	AREQUIPA	9007	63 12 23	7 30 47.90	6 15 24	-34 04				434023
12020	V.DLORES	9011	63 12 23	7 31 00.11	6 11 24	8 46				434013
12017	AREQUIPA	9007	63 12 23	7 34 29.74	6 57 42	-66 57				434023
12021	V.DLORES	9011	63 12 23	7 38 01.83	6 57 24	-58 38				434023
12013	WOOMERA	9003	63 12 23	17 00 29.70	8 16 48	11 26				434013
12014	WOOMERA	9003	63 12 23	17 06 43.25	10 36 36	-51 42				434023
12012	OLFSFTN	9002	63 12 24	0 37 03.60	7 07 12	-12 54				434013
12030	V.DLORES	9011	63 12 24	6 17 56.37	8 20 42	14 29				434013
12025	AREQUIPA	9007	63 12 24	6 18 22.93	10 17 48	-35 39				434023
12031	V.DLORES	9011	63 12 24	6 24 07.55	10 32 36	-47 09				434023
12026	AREQUIPA	9007	63 12 24	8 12 50.60	4 45 42	-27 49				434023
12027	AREQUIPA	9007	63 12 24	8 15 50.57	4 42 30	-49 00				434023
12028	AREQUIPA	9007	63 12 25	6 59 32.92	6 40 36	-38 54				434023
12029	AREQUIPA	9007	63 12 25	7 03 51.73	8 06 00	-72 24				434023
12022	WOOMERA	9003	63 12 25	16 30 00.65	8 45 42	- 0 05				434013
12023	WOOMERA	9003	63 12 25	16 35 35.28	10 58 48	-50 38				434023
12024	WOOMERA	9003	63 12 25	18 30 51.68	5 03 06	-49 31				434023
12032	OLFSFTN	9002	63 12 25	22 12 01.83	11 15 12	- 9 29				434013
12033	OLFSFTN	9002	63 12 25	22 14 38.16	11 48 18	-23 09				434023
12034	OLFSFTN	9002	63 12 26	0 05 13.82	7 21 54	-10 15				434013
12035	OLFSFTN	9002	63 12 26	0 09 46.50	8 56 06	-58 19				434023
12036	OLFSFTN	9002	63 12 26	2 02 00.64	4 40 30	-21 35				434013
12046	OLFSFTN	9002	63 12 26	2 06 16.76	4 25 24	-46 23				434023
12037	OLFSFTN	9002	63 12 26	2 12 22.70	2 13 42	-71 50				434023
12038	WOOMERA	9003	63 12 26	15 17 25.29	10 32 24	- 1 26				434013
12039	WOOMERA	9003	63 12 26	15 20 51.12	11 25 12	-23 43				434023
12040	WOOMERA	9003	63 12 26	17 11 33.08	6 26 24	- 4 34				434013
12041	WOOMERA	9003	63 12 26	17 17 47.43	7 49 24	-65 36				434023
12047	OLFSFTN	9002	63 12 27	0 46 58.31	5 19 18	-13 15				434013
12048	OLFSFTN	9002	63 12 27	0 52 44.72	5 28 36	-62 25				434023
12042	V.DLORES	9011	63 12 27	4 35 35.95	10 37 18	- 4 26				434013

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12043	V.DLORES	9011	63 12 27	4 38 49.22	11 27 00	-24 07				434023
12049	AREQUIPA	9007	63 12 27	6 28 53.25	7 27 24	-50 10				434023
12044	V.DLORES	9011	63 12 27	6 29 36.66	6 39 30	- 8 02				434013
12050	AREQUIPA	9007	63 12 27	6 32 38.99	9 20 00	-73 20				434023
12045	V.DLORES	9011	63 12 27	6 34 49.94	7 54 12	-60 15				434023
12055	OLFSFTN	9002	63 12 27	23 34 16.12	7 54 42	-20 04				434013
12056	OLFSFTN	9002	63 12 27	23 38 57.80	9 56 48	-61 30				434023
12057	OLFSFTN	9002	63 12 28	1 28 54.44	4 32 30	-14 30				434013
12058	OLFSFTN	9002	63 12 28	1 33 35.83	4 23 24	-43 34				434023
12051	V.DLORES	9011	63 12 28	5 16 07.75	9 04 00	- 1 44				434013
12052	V.DLORES	9011	63 12 28	5 21 05.96	10 51 18	-42 40				434023
12053	V.DLORES	9011	63 12 28	7 10 40.61	5 10 36	- 6 04				434013
12054	V.DLORES	9011	63 12 28	7 17 09.69	5 08 36	-56 03				434023
12059	OLFSFTN	9002	63 12 29	0 15 51.62	5 27 54	-21 33				434013
12060	OLFSFTN	9002	63 12 29	0 20 51.23	5 50 00	-64 51				434023
12073	V.DLORES	9011	63 12 29	4 10 49.38	12 20 36	-37 13				434023
12074	V.DLORES	9011	63 12 29	6 03 14.41	8 34 36	-61 29				434023
12061	WOMERA	9003	63 12 29	15 27 22.80	9 19 42	- 9 49				434013
12064	V.DLORES	9011	63 12 30	4 44 49.07	9 20 12	- 7 38				434013
12065	V.DLORES	9011	63 12 30	4 50 12.79	11 16 48	-44 46				434023
12066	V.DLORES	9011	63 12 30	6 45 56.69	5 14 30	-64 16				434023
12063	WOMERA	9003	63 12 30	16 14 43.84	9 34 48	-67 40				434023
12069	WOMERA	9003	63 12 31	14 55 45.63	9 31 18	-13 28				434013
12070	WOMERA	9003	63 12 31	15 00 08.09	11 01 54	-41 48				434023
12071	WOMERA	9003	63 12 31	16 49 28.78	5 06 48	-11 33				434013
12072	WOMERA	9003	63 12 31	16 55 46.38	5 19 06	-62 49				434023
12068	OLFSFTN	9002	63 12 31	22 35 29.76	10 43 24	-56 42				434023

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10783	MAUI,HA	9012	63 07 02	14 27 20.61	21 06 42	- 9 37				434013
10781	CURACAO	9009	63 07 03	8 52 55.21	18 52 48	-13 31				434013
10782	CURACAO	9009	63 07 03	8 58 00.99	19 56 18	19 01				434013
10780	JUPITER	9010	63 07 03	8 58 30.94	22 30 18	-17 41				434013
10787	SHIRAZ	9008	63 07 04	0 25 25.00	22 30 24	-11 27				434013
10784	SFERNNDO	9004	63 07 04	3 26 12.84	22 13 42	-37 01				434023
10785	SFERNNDO	9004	63 07 04	3 29 58.66	23 52 24	-23 13				434023
10790	MAUI,HA	9012	63 07 04	12 38 55.06	22 52 00	-28 35				434023
10791	MAUI,HA	9012	63 07 04	12 41 52.58	0 08 18	-11 58				434013
10788	CURACAO	9009	63 07 05	7 09 44.39	22 14 30	- 8 54				434013
10789	CURACAO	9009	63 07 05	7 12 27.61	23 44 12	12 53				434013
10793	MAUI,HA	9012	63 07 06	14 05 14.94	21 23 36	11 21				434013
10795	MAUI,HA	9012	63 07 07	14 47 12.87	19 53 36	23 40				434013
10794	JUPITER	9010	63 07 08	9 18 02.10	21 14 54	13 41				434013
10797	SFERNNDO	9004	63 07 09	3 48 20.12	22 44 30	-11 27				434013
10800	MAUI,HA	9012	63 07 09	13 01 06.87	23 29 12	14 34				434013
10798	MAUI,HA	9012	63 07 10	13 38 39.41	19 46 36	- 5 21				434013
10799	MAUI,HA	9012	63 07 10	13 42 40.76	21 32 36	30 19				434013
10802	JUPITER	9010	63 07 11	8 09 14.61	20 41 54	-16 27				434013
10801	OLFSFTN	9002	63 07 11	19 49 03.46	17 24 00	-55 38				434023
10803	V.DLORES	9011	63 07 11	22 39 51.35	17 30 00	-51 04				434023
10807	SHIRAZ	9008	63 07 11	23 38 58.45	22 07 12	9 09				434013
10804	OLFSFTN	9002	63 07 12	17 23 32.88	19 22 06	-42 25				434023
30001	VANNUYS	8637	63 07 13	9 32 33.8			129 42 00	29 36 00		845304
10808	JUPITER	9010	63 07 13	9 35 01.94	19 18 18	17 04				434013
10817	MAUI,HA	9012	63 07 13	12 35 21.09	21 40 18	4 15				434013
10818	MAUI,HA	9012	63 07 13	12 38 06.37	23 32 24	27 10				434013
10805	OLFSFTN	9002	63 07 13	18 04 06.90	19 01 00	-46 43				434023
10814	SFERNNDO	9004	63 07 14	4 06 14.51	21 00 54	3 42				434013
10806	OLFSFTN	9002	63 07 14	18 46 50.26	18 46 12	-46 59				434023
10811	SFERNNDO	9004	63 07 15	1 36 37.50	23 07 30	-18 50				434013
10812	SFERNNDO	9004	63 07 15	1 41 48.80	1 29 30	3 49				434013
10813	OLFSFTN	9002	63 07 15	19 27 45.14	17 58 30	-48 40				434023
10815	NAINITAL	9006	63 07 15	20 06 59.26	22 59 12	- 7 28				434013
10816	NAINITAL	9006	63 07 15	20 08 56.52	0 03 36	3 58				434013
10821	SHIRAZ	9008	63 07 15	23 12 46.53	20 21 24	- 3 32				434013
10822	SHIRAZ	9008	63 07 15	23 16 10.68	22 18 36	24 44				434013
10819	SFERNNDO	9004	63 07 16	2 17 42.90	22 07 48	-17 03				434013
10823	JUPITER	9010	63 07 16	8 27 44.00	19 21 00	1 47				434013
10824	JUPITER	9010	63 07 16	8 29 56.00	19 58 24	18 04				434013
10825	JUPITER	9010	63 07 16	8 32 36.00	21 32 36	47 30				434013
10826	MAUI,HA	9012	63 07 16	11 32 29.10	23 53 30	14 40				434013
10831	V.DLORES	9011	63 07 17	2 19 00.40	17 08 18	-40 46				434023
10827	SFERNNDO	9004	63 07 17	2 58 07.93	20 34 48	-14 51				434013
10828	SFERNNDO	9004	63 07 17	3 02 19.13	22 50 54	9 12				434013
10833	WOMERA	9003	63 07 17	11 32 49.26	18 19 12	-41 11				434023
10834	V.DLORES	9011	63 07 17	23 54 55.10	19 18 18	-30 43				434023
10835	OLFSFTN	9002	63 07 18	18 25 41.42	19 03 12	-38 21				434023
10837	V.DLORES	9011	63 07 19	0 35 13.55	18 49 12	-33 42				434023
10846	SFERNNDO	9004	63 07 19	1 13 59.94	23 16 36	-10 26				434013
10847	SFERNNDO	9004	63 07 19	1 15 32.65	0 01 00	- 3 25				434013
10838	ORGNPASS	9001	63 07 19	10 34 22.31	20 07 24	33 02				434013
10842	OLFSFTN	9002	63 07 19	19 06 03.32	18 16 12	-41 03				434023
10848	SFERNNDO	9004	63 07 20	1 54 38.28	22 03 48	- 9 22				434013
10849	SFERNNDO	9004	63 07 20	1 57 32.10	23 49 54	6 40				434013
10839	ORGNPASS	9001	63 07 20	8 05 38.18	23 39 42	4 15				434013
10840	ORGNPASS	9001	63 07 20	8 08 02.18	1 04 06	15 33				434013
10850	MAUI,HA	9012	63 07 20	11 09 37.61	0 02 54	24 53				434013
10841	ORGNPASS	9001	63 07 20	11 13 56.78	18 58 48	18 03				434013
10845	WOMERA	9003	63 07 21	11 12 30.67	18 44 30	-30 18				434023
10853	MAUI,HA	9012	63 07 21	11 49 50.17	21 55 18	33 58				434013
10854	MAUI,HA	9012	63 07 21	11 51 46.30	23 36 18	46 31				434013
10855	WOMERA	9003	63 07 22	11 52 23.69	17 54 06	-32 30				434023
10856	NAINITAL	9006	63 07 22	18 41 21.67	0 27 18	10 15				434013
10857	NAINITAL	9006	63 07 22	21 46 30.53	18 37 36	12 02				434013
10860	V.DLORES	9011	63 07 23	0 16 09.81	19 15 18	-20 19				434013
10861	ORGNPASS	9001	63 07 23	10 11 00.52	19 49 54	40 13				434013
10867	MAUI,HA	9012	63 07 23	13 11 33.87	18 15 48	30 00				434013
10863	OLFSFTN	9002	63 07 23	18 46 25.61	18 47 12	-28 05				434023
10864	NAINITAL	9006	63 07 23	19 21 21.84	23 18 30	14 05				434013
10865	NAINITAL	9006	63 07 23	19 23 14.50	0 30 36	23 06				434013

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10872	V.DLORES	9011	63 07 24	0 51 20.79	17 53 36	-32 13				434023
10868	ORGNPASS	9001	63 07 24	7 41 35.84	23 09 06	7 50				434013
10869	ORGNPASS	9001	63 07 24	7 43 01.87	0 02 12	15 02				434013
10873	MAUI,HA	9012	63 07 24	10 46 41.23	0 13 30	33 27				434013
10874	MAUI,HA	9012	63 07 24	13 53 55.58	17 53 48	33 25				434013
10875	OLFSFTN	9002	63 07 24	19 24 19.07	17 27 30	-33 29				434023
10876	SFERNNDO	9004	63 07 25	2 12 40.89	20 36 30	5 14				434013
10877	SFERNNDO	9004	63 07 25	2 16 12.35	23 15 12	31 18				434013
10878	ORGNPASS	9001	63 07 25	8 24 25.35	23 09 48	29 00				434013
10880	WOOMERA	9003	63 07 25	10 53 05.88	19 07 06	-17 06				434013
10893	MAUI,HA	9012	63 07 25	11 27 25.44	22 32 48	48 51				434013
10891	SHIRAZ	9008	63 07 25	20 42 58.78	0 06 12	19 07				434013
10882	AREQUIPA	9007	63 07 26	2 19 18.01	17 51 00	-33 30				434023
10885	SFERNNDO	9004	63 07 26	2 53 08.05	19 14 06	5 56				434013
10886	SFERNNDO	9004	63 07 26	2 57 29.72	21 12 36	40 55				434013
10894	MAUI,HA	9012	63 07 26	12 07 26.10	19 14 42	43 41				434013
10895	MAUI,HA	9012	63 07 26	12 09 33.34	20 31 24	63 30				434013
10887	SFERNNDO	9004	63 07 27	0 29 24.87	0 10 54	10 22				434013
10884	WOOMERA	9003	63 07 27	12 16 47.37	18 07 24	- 9 40				434013
10883	OLFSFTN	9002	63 07 27	18 26 36.36	19 07 00	-14 25				434013
10897	V.DLORES	9011	63 07 28	0 37 31.96	19 06 42	- 6 09				434013
10888	SFERNNDO	9004	63 07 28	1 08 34.37	22 07 00	8 57				434013
10898	MAUI,HA	9012	63 07 28	13 31 03.30	17 38 00	40 12				434013
10896	OLFSFTN	9002	63 07 28	19 04 55.34	18 01 24	-19 20				434013
10900	MAUI,HA	9012	63 07 29	11 05 22.74	23 57 48	59 45				434013
10901	AREQUIPA	9007	63 07 30	1 59 54.44	18 21 54	-17 46				434013
10906	SFERNNDO	9004	63 07 31	0 04 11.75	23 05 54	9 01				434013
10907	SFERNNDO	9004	63 07 31	0 05 58.36	0 06 48	15 42				434013
10904	ORGNPASS	9001	63 07 31	9 24 14.67	19 16 36	52 27				434013
10905	WOOMERA	9003	63 07 31	11 58 12.88	18 41 00	8 29				434013
10911	MAUI,HA	9012	63 07 31	12 24 34.25	17 41 06	37 59				434013
10912	MAUI,HA	9012	63 07 31	12 27 25.28	17 52 24	59 45				434013
10910	OLFSFTN	9002	63 07 31	18 08 38.40	19 39 36	3 57				434013
10908	NAINITAL	9006	63 07 31	18 34 38.50	23 10 30	29 30				434013
10916	JUPITER	9010	63 08 01	6 57 45.61	19 18 54	58 56				434013
10917	MAUI,HA	9012	63 08 01	13 08 09.78	17 21 24	46 35				434013
10914	SFERNNDO	9004	63 08 02	1 25 11.69	19 50 30	15 40				434013
10915	SFERNNDO	9004	63 08 02	1 28 41.63	22 25 12	41 57				434013
10918	ORGNPASS	9001	63 08 02	7 35 19.17	21 00 24	29 23				434013
10919	ORGNPASS	9001	63 08 02	7 38 08.52	23 40 24	45 52				434013
10925	MAUI,HA	9012	63 08 02	10 40 08.02	21 47 24	58 47				434013
10920	SFERNNDO	9004	63 08 02	23 00 39.95	23 52 54	10 56				434013
10921	SFERNNDO	9004	63 08 03	2 05 41.73	18 36 54	14 01				434013
10922	SFERNNDO	9004	63 08 03	2 09 49.93	20 09 24	45 52				434013
10924	JUPITER	9010	63 08 03	5 10 33.68	22 46 54	42 03				434013
10923	SHIRAZ	9008	63 08 03	20 35 41.70	21 32 24	38 41				434013
10926	SFERNNDO	9004	63 08 06	1 04 48.54	21 52 54	45 43				434013
10927	SFERNNDO	9004	63 08 07	1 45 41.18	19 30 18	44 46				434013
10928	OLFSFTN	9002	63 08 07	16 34 41.37	18 55 06	- 2 34				434013
10930	V.DLORES	9011	63 08 07	22 42 23.20	18 31 48	- 2 12				434013
10931	ORGNPASS	9001	63 08 08	8 34 49.78	18 03 54	38 50				434013
10934	V.DLORES	9011	63 08 08	23 10 53.40	16 36 00	-23 53				434023
10933	SFERNNDO	9004	63 08 08	23 52 29.85	18 56 36	1 22				434013
10935	ORGNPASS	9001	63 08 09	9 18 53.14	17 50 36	53 16				434013
10936	WOOMERA	9003	63 08 10	9 15 56.57	18 00 18	- 4 41				434013
10937	WOOMERA	9003	63 08 10	9 20 48.83	18 32 30	4 47				434013
10940	MAUI,HA	9012	63 08 10	9 42 58.16	17 17 00	9 03				434013
10938	WOOMERA	9003	63 08 11	9 43 02.40	15 48 24	-27 42				434023
10950	SHIRAZ	9008	63 08 11	19 40 38.65	17 49 36	5 28				434013
10941	OLFSFTN	9002	63 08 12	16 37 26.81	16 31 30	-24 31				434023
10942	OLFSFTN	9002	63 08 12	16 49 53.13	17 58 12	- 0 08				434013
10944	CURACAO	9009	63 08 13	2 17 17.31	16 38 42	-11 00				434013
30003	VANNUY	8637	63 08 13	5 41 54.8	22 18 34	21 34				845014
10943	OLFSFTN	9002	63 08 13	17 40 57.33	18 41 54	26 06				434013
10945	SFERNNDO	9004	63 08 14	3 31 32.82	19 11 54	72 00				434013
10948	AREQUIPA	9007	63 08 15	0 19 15.79	16 40 48	- 9 49				434013
10946	SFERNNDO	9004	63 08 15	0 56 05.19	18 06 54	33 49				434013
10947	SFERNNDO	9004	63 08 15	4 15 17.62	23 15 00	78 16				434013
10949	WOOMERA	9003	63 08 15	9 30 59.69	17 00 30	- 2 13				434013
10951	MAUI,HA	9012	63 08 15	10 03 48.59	16 45 36	27 37				434013
10959	TOKYO	9005	63 08 15	13 06 43.20	18 13 36	0 57				434013
10953	SHIRAZ	9008	63 08 15	16 08 36.95	20 44 06	- 0 46				434013

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10954	CURACAO	9009	63 08 16	1 07 41.60	16 35 36	-20 25				434C13
10952	SFERNNDO	9004	63 08 16	1 40 25.89	18 09 36	50 35				434C13
10955	ORGNPASS	9001	63 08 16	7 47 25.90	17 32 24	43 50				434C13
10956	ORGNPASS	9001	63 08 16	11 06 44.45	22 48 30	83 11				434C13
10958	SFERNNDO	9004	63 08 16	23 03 48.33	18 04 42	6 52				434C13
30002	SN.ANTON	8610	63 08 17	5 18 26.4	19 17 54	45 09				845C14
10960	MAUI,HA	9012	63 08 17	8 08 45.44	16 46 30	- 2 16				434C13
10961	MAUI,HA	9012	63 08 17	14 56 31.84	7 10 12	70 21				434C13
10957	OLFSFTN	9002	63 08 17	16 55 53.82	15 49 18	-15 01				434C13
10962	SFERNNDO	9004	63 08 19	0 32 29.71	17 54 00	37 44				434C13
10963	SFERNNDO	9004	63 08 19	3 51 53.57	0 10 06	75 45				434C13
10964	ORGNPASS	9001	63 08 19	6 38 51.15	17 21 48	29 35				434C13
10965	MAUI,HA	9012	63 08 19	9 51 13.85	3 34 12	79 05				434C13
10968	SFERNNDO	9004	63 08 20	1 16 15.46	17 50 12	48 42				434C13
30004	SN.ANTON	8610	63 08 20	4 10 54.3	19 22 25	31 01				845C14
10969	SFERNNDO	9004	63 08 20	4 34 56.89	1 15 18	57 21				434C13
10970	MAUI,HA	9012	63 08 20	7 00 11.82	16 48 36	-10 12				434C13
10967	WOODMERA	9003	63 08 20	9 46 20.51	16 00 36	1 16				434C13
10971	MAUI,HA	9012	63 08 20	10 26 41.70	16 22 48	51 36				434C13
10972	MAUI,HA	9012	63 08 20	13 51 48.26	7 17 48	54 58				434C13
10973	SFERNNDO	9004	63 08 20	22 40 54.67	18 00 48	14 54				434C13
10966	CURACAO	9009	63 08 21	1 29 32.42	16 09 36	- 1 19				434C13
30007	LAWRENCE	8655	63 08 21	4 57 31.3	20 28 31	41 35				845C14
10975	MAUI,HA	9012	63 08 21	7 45 02.14	16 32 12	2 48				434C13
10976	MAUI,HA	9012	63 08 21	14 30 19.07	19 11 36	83 22				434C13
10977	MAUI,HA	9012	63 08 21	14 33 48.24	6 35 42	60 08				434C13
10978	MAUI,HA	9012	63 08 21	14 38 36.86	7 07 18	14 23				434C13
10974	OLFSFTN	9002	63 08 21	16 38 51.00	16 22 48	2 38				434C13
10979	SFERNNDO	9004	63 08 21	20 13 05.49	20 14 36	5 00				434C13
10980	SFERNNDO	9004	63 08 21	23 24 45.91	17 47 06	27 53				434C13
10981	CURACAO	9009	63 08 22	9 12 12.55	7 29 30	10 58				434C13
10984	MAUI,HA	9012	63 08 22	15 18 08.31	5 51 48	30 16				434C13
10982	SFERNNDO	9004	63 08 23	3 27 25.92	21 30 00	69 35				434C13
10990	CURACAO	9009	63 08 24	0 16 21.71	15 44 18	-17 08				434C13
30005	SN.ANTON	8610	63 08 24	3 47 08.5	19 02 10	35 52				845C14
10992	MAUI,HA	9012	63 08 24	6 34 10.28	16 17 48	- 9 50				434C13
10985	ORGNPASS	9001	63 08 24	6 59 58.97	17 05 12	48 06				434C13
10993	MAUI,HA	9012	63 08 24	10 03 02.55	16 09 00	53 30				434C13
10986	ORGNPASS	9001	63 08 24	10 19 53.61	0 37 42	77 03				434C13
10987	SFERNNDO	9004	63 08 24	22 16 56.20	17 42 36	18 43				434C13
10991	CURACAO	9009	63 08 25	1 04 32.40	15 48 30	0 45				434C13
10988	SFERNNDO	9004	63 08 25	1 37 07.11	18 15 36	65 07				434C13
30006	SN.ANTON	8610	63 08 25	4 30 46.0	18 37 00	51 51				845C14
10989	SFERNNDO	9004	63 08 25	4 53 16.99	23 56 30	28 00				434C13
10995	MAUI,HA	9012	63 08 25	7 21 05.23	16 16 36	7 11				434C13
10996	MAUI,HA	9012	63 08 25	14 06 07.47	19 19 24	77 18				434C13
10997	MAUI,HA	9012	63 08 25	14 09 32.68	5 47 06	67 04				434C13
11002	SHIRAZ	9008	63 08 25	23 19 50.29	1 23 00	84 25				434C13
10998	ORGNPASS	9001	63 08 26	5 06 43.23	17 00 06	22 52				434C13
10999	ORGNPASS	9001	63 08 26	8 28 57.55	17 32 00	74 10				434C13
11000	ORGNPASS	9001	63 08 26	8 35 18.95	5 38 06	39 19				434C13
11003	MAUI,HA	9012	63 08 26	14 53 18.53	4 35 18	42 03				434C13
11005	SHIRAZ	9008	63 08 27	0 03 41.14	2 49 18	61 38				434C13
11001	SFERNNDO	9004	63 08 27	3 04 16.73	22 44 12	68 21				434C13
11006	JUPITER	9010	63 08 27	9 20 59.23	3 14 00	48 32				434C13
11004	CURACAO	9009	63 08 27	9 27 12.76	5 31 18	28 17				434C13
11007	JUPITER	9010	63 08 28	10 01 54.12	0 04 00	33 18				434C13
11010	SFERNNDO	9004	63 08 29	4 30 33.21	0 38 48	14 28				434C13
11012	MAUI,HA	9012	63 08 29	13 45 57.33	5 00 12	65 51				434C13
11008	WOODMERA	9003	63 08 29	20 13 38.76	6 46 54	25 59				434C13
11009	WOODMERA	9003	63 08 29	20 16 25.27	7 23 18	13 00				434C13
11013	SHIRAZ	9008	63 08 29	22 56 31.66	1 58 00	79 45				434C13
11011	NAINITAL	9006	63 08 29	23 02 57.20	1 21 30	18 54				434C13
11022	JUPITER	9010	63 08 30	1 25 30.99	16 11 24	0 55				434C13
11019	SFERNNDO	9004	63 08 30	1 57 10.46	20 07 00	71 26				434C13
11018	MAUI,HA	9012	63 08 30	14 29 13.82	3 27 06	43 07				434C13
11020	SHIRAZ	9008	63 08 30	16 50 56.08	15 58 48	- 0 30				434C13
11014	OLFSFTN	9002	63 08 31	3 02 35.46	6 50 30	25 59				434C13
11023	MAUI,HA	9012	63 08 31	11 55 29.38	7 32 12	78 29				434C13
11017	TOKYO	9005	63 08 31	18 10 34.80	0 34 42	23 50				434C13
11021	SHIRAZ	9008	63 09 01	0 22 35.70	0 54 24	27 08				434C13
11024	MAUI,HA	9012	63 09 01	5 46 53.81	15 52 24	0 48				434C13
11025	MAUI,HA	9012	63 09 01	12 35 48.89	17 25 00	77 56				434C13
11015	SFERNNDO	9004	63 09 02	0 49 44.80	18 21 48	66 20				434C13
11016	SFERNNDO	9004	63 09 02	4 06 13.36	23 38 12	14 06				434C13
11027	MAUI,HA	9012	63 09 02	13 21 54.22	3 37 48	69 18				434C13

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11026	SFERNNDO	9004	63 09 03	1 33 37.81	20 31 30	70 23				434C13
11028	MAUI,HA	9012	63 09 03	14 05 39.38	2 46 18	35 38				434C13
11035	SHIRAZ	9008	63 09 03	23 18 01.27	3 20 06	28 37				434C13
11030	SHIRAZ	9008	63 09 05	0 00 25.90	1 55 48	2 13				434C13
11029	OLFSFTN	9002	63 09 05	3 21 51.77	6 13 36	11 01				434C13
11031	SFERNNDO	9004	63 09 06	0 28 23.50	23 37 48	76 31				434C13
11036	SHIRAZ	9008	63 09 06	0 39 51.20	23 02 30	7 10				434C13
11033	SFERNNDO	9004	63 09 07	1 08 42.77	19 03 30	60 59				434C13
11034	SFERNNDC	9004	63 09 07	4 26 37.84	0 25 12	-19 28				434C13
11037	SFERNNDO	9004	63 09 08	23 23 16.93	1 56 12	67 21				434C13
11038	ORGNPASS	9001	63 09 09	5 33 17.52	3 17 12	59 57				434C13
11042	MAUI,HA	9012	63 09 09	8 35 39.86	4 47 30	79 28				434C13
11043	MAUI,HA	9012	63 09 09	15 05 37.32	23 40 42	- 9 08				434C13
11039	SHIRAZ	9008	63 09 09	20 59 17.41	17 35 48	64 32				434C13
11040	SFERNNDO	9004	63 09 10	0 03 47.71	20 49 54	73 53				434C13
11044	MAUI,HA	9012	63 09 10	9 13 48.46	15 15 36	71 00				434C13
11045	MAUI,HA	9012	63 09 10	9 18 07.12	6 19 12	82 13				434C13
11041	NAINITAL	9006	63 09 10	18 34 00.48	17 30 24	74 55				434C13
11047	SFERNNDO	9004	63 09 11	0 43 52.63	18 22 24	53 54				434C13
11049	JUPITER	9010	63 09 11	3 49 18.43	4 01 42	66 11				434C13
11066	ORGNPASS	9001	63 09 11	6 54 02.39	18 15 30	71 49				434C13
11051	MAUI,HA	9012	63 09 11	9 59 04.56	14 50 00	81 47				434C13
11052	MAUI,HA	9012	63 09 11	13 22 23.85	4 20 42	-24 28				434C23
11050	SHIRAZ	9008	63 09 11	19 14 25.53	3 24 00	73 30				434C13
11048	SFERNNDO	9004	63 09 11	22 19 13.88	2 38 00	48 19				434C13
11053	ORGNPASS	9001	63 09 12	4 16 02.43	16 04 54	46 12				434C13
11054	MAUI,HA	9012	63 09 12	7 29 56.75	3 06 42	73 24				434C23
11055	SHIRAZ	9008	63 09 12	19 54 20.94	17 56 00	79 00				434C13
11056	ORGNPASS	9001	63 09 13	5 00 32.28	16 12 42	53 43				434C13
11058	MAUI,HA	9012	63 09 13	8 05 43.12	15 15 48	67 01				434C13
11059	MAUI,HA	9012	63 09 13	14 45 34.60	0 59 42	-38 42				434C23
11057	OLFSFTN	9002	63 09 14	3 14 12.15	3 27 18	5 51				434C13
11060	MAUI,HA	9012	63 09 14	8 51 45.38	14 48 48	80 24				434C13
11061	MAUI,HA	9012	63 09 15	9 34 54.97	15 33 00	79 42				434C13
11062	SHIRAZ	9008	63 09 15	15 32 39.34	20 42 12	65 12				434C13
11064	ORGNPASS	9001	63 09 17	4 36 09.82	16 00 48	52 49				434C13
11069	SHIRAZ	9008	63 09 18	17 36 50.03	15 54 06	60 27				434C13
11070	MAUI,HA	9012	63 09 19	9 10 32.97	15 56 54	76 21				434C13
11068	TOKYO	9005	63 09 19	12 16 10.20	1 24 36	60 44				434C13
11071	OLFSFTN	9002	63 09 20	1 02 30.87	4 44 24	25 28				434C13
11080	MAUI,HA	9012	63 09 20	6 42 56.94	2 37 00	70 03				434C13
11072	AREQUIPA	9007	63 09 20	7 12 04.94	5 43 42	7 56				434C13
11079	SHIRAZ	9008	63 09 20	19 06 37.74	18 24 06	75 12				434C13
11074	SFERNNDO	9004	63 09 20	22 11 43.12	0 13 42	65 23				434C13
11081	MAUI,HA	9012	63 09 21	7 26 06.16	3 23 00	69 14				434C13
11078	AREQUIPA	9007	63 09 21	7 53 08.46	4 11 18	1 24				434C13
11077	NAINITAL	9006	63 09 21	16 42 34.82	0 56 06	77 41				434C13
11075	SFERNNDO	9004	63 09 21	22 52 29.95	20 42 48	66 15				434C13
11073	OLFSFTN	9002	63 09 22	2 25 16.23	1 47 42	7 50				434C13
11082	MAUI,HA	9012	63 09 22	8 07 37.53	3 36 00	78 41				434C13
11097	AREQUIPA	9007	63 09 22	8 34 16.05	1 57 48	- 8 29				434C13
11089	NAINITAL	9006	63 09 22	17 22 43.77	18 18 36	71 15				434C13
11083	OLFSFTN	9002	63 09 22	23 59 25.85	5 56 24	12 06				434C13
11084	OLFSFTN	9002	63 09 23	3 08 38.31	1 32 48	-14 19				434C13
11086	ORGNPASS	9001	63 09 23	5 42 54.05	18 57 12	67 34				434C13
11091	MAUI,HA	9012	63 09 23	8 45 09.56	15 57 00	68 35				434C13
11092	MAUI,HA	9012	63 09 23	8 47 56.07	16 53 00	82 08				434C13
11090	AREQUIPA	9007	63 09 23	9 15 24.63	0 36 18	-13 17				434C13
11085	V.DLORES	9011	63 09 23	9 19 15.36	2 04 12	- 5 52				434C13
11103	SHIRAZ	9008	63 09 23	18 02 58.05	1 22 12	72 59				434C13
11087	WOODERA	9003	63 09 23	18 30 18.67	2 35 42	21 05				434C13
11088	SFERNNDO	9004	63 09 23	21 08 01.72	1 39 24	45 46				434C13
11093	OLFSFTN	9002	63 09 24	0 40 47.11	5 14 42	7 00				434C13
11099	MAUI,HA	9012	63 09 24	6 19 36.31	2 22 42	67 26				434C13
11096	NAINITAL	9006	63 09 24	15 38 24.92	2 17 18	59 26				434C13
11104	SHIRAZ	9008	63 09 24	18 43 19.97	19 23 12	75 17				434C13
11094	WOODERA	9003	63 09 24	19 11 49.54	1 32 24	9 49				434C13
11095	SFERNNDO	9004	63 09 24	21 48 11.56	0 04 00	61 40				434C13
11098	OLFSFTN	9002	63 09 25	1 21 20.09	3 21 48	4 56				434C13
11100	ORGNPASS	9001	63 09 25	3 57 58.70	1 35 12	59 51				434C13
11102	NAINITAL	9006	63 09 25	16 18 35.39	23 47 48	77 08				434C13
11106	SHIRAZ	9008	63 09 25	19 23 35.47	17 44 42	57 12				434C13

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11101	SFERNNDO	9004	63 09 25	22 29 06.64	21 10 54	62 57				434013
11107	ORGNPASS	9001	63 09 26	4 39 04.31	23 52 24	70 11				434013
11109	NAINITAL	9006	63 09 26	16 59 34.28	19 13 48	71 25				434013
11108	WOOMERA	9003	63 09 26	17 28 14.14	5 00 42	3 50				434013
11110	SFERNNDO	9004	63 09 26	23 09 21.02	18 52 00	49 10				434013
11113	MAUI,HA	9012	63 09 27	8 24 32.04	18 11 00	82 42				434013
11111	AREQUIPA	9007	63 09 27	8 53 24.43	0 40 06	-30 37				434023
11114	SHIRAZ	9008	63 09 27	17 39 29.07	1 01 18	69 28				434013
11119	SFERNNDO	9004	63 09 27	20 44 27.72	1 22 42	43 12				434013
11112	V.DLORES	9011	63 09 28	6 28 17.91	5 09 42	6 53				434013
11115	SHIRAZ	9008	63 09 28	18 19 41.32	19 44 00	73 00				434013
11120	SFERNNDO	9004	63 09 28	21 25 31.69	0 33 54	51 15				434013
11117	OLFSFTN	9002	63 09 29	0 59 23.44	3 59 06	-17 20				434013
11121	SFERNNDO	9004	63 09 29	22 05 41.19	21 28 00	58 42				434013
11118	OLFSFTN	9002	63 09 30	1 40 14.55	1 50 18	-21 44				434013
11122	ORGNPASS	9001	63 09 30	4 15 26.67	23 32 54	66 47				434013
11128	NAINITAL	9006	63 09 30	16 36 10.20	19 49 36	69 15				434013
11123	WOOMERA	9003	63 09 30	17 05 09.64	5 01 54	- 5 05				434013
11127	SFERNNDO	9004	63 09 30	22 46 04.96	19 13 30	46 59				434013
11125	OLFSFTN	9002	63 10 01	2 20 52.95	0 33 06	-18 37				434013
11124	ORGNPASS	9001	63 10 01	4 55 56.96	19 47 00	63 22				434013
11129	MAUI,HA	9012	63 10 01	8 01 03.99	19 23 30	81 38				434013
11126	WOOMERA	9003	63 10 01	17 45 27.58	2 57 00	- 7 03				434013
11130	TOKYO	9005	63 10 03	12 27 06.30	20 05 00	52 10				434013
11131	ORGNPASS	9001	63 10 04	3 51 55.56	23 20 48	62 26				434013
11132	ORGNPASS	9001	63 10 05	4 32 55.48	20 33 54	59 29				434013
11141	MAUI,HA	9012	63 10 05	7 38 00.94	21 08 54	79 22				434013
11146	SHIRAZ	9008	63 10 05	16 53 10.60	0 46 36	57 01				434013
11134	WOOMERA	9003	63 10 05	17 23 27.13	3 40 48	-27 42				434023
11136	SFERNNDO	9004	63 10 05	19 58 16.51	1 05 36	31 37				434013
11142	MAUI,HA	9012	63 10 06	5 09 30.93	1 34 48	59 23				434013
11133	ORGNPASS	9001	63 10 06	5 13 35.05	18 55 48	45 24				434013
11138	NAINITAL	9006	63 10 06	14 28 48.36	1 31 06	44 20				434013
11135	WOOMERA	9003	63 10 06	18 04 01.36	1 28 18	-26 58				434023
11137	SFERNNDO	9004	63 10 06	20 38 50.59	0 12 30	40 02				434013
11145	TOKYO	9005	63 10 07	12 04 27.90	20 58 00	45 19				434013
11149	NAINITAL	9006	63 10 07	15 09 30.04	0 23 06	55 45				434013
11144	WOOMERA	9003	63 10 07	18 44 32.37	0 20 18	-21 29				434013
11143	OLFSFTN	9002	63 10 08	0 55 02.93	2 06 42	-51 26				434023
11147	ORGNPASS	9001	63 10 08	3 29 36.40	0 01 48	49 20				434013
11152	MAUI,HA	9012	63 10 08	6 34 24.46	1 31 00	64 39				434013
11151	V.DLORES	9011	63 10 08	7 04 48.20	2 15 12	-31 40				434023
11150	NAINITAL	9006	63 10 08	15 50 00.01	21 18 00	60 13				434013
11155	SFERNNDO	9004	63 10 08	22 00 08.06	20 13 18	37 13				434013
11153	ORGNPASS	9001	63 10 09	4 09 35.36	20 50 30	54 14				434013
11160	NAINITAL	9006	63 10 09	16 30 16.56	18 59 06	47 14				434013
11154	WOOMERA	9003	63 10 09	17 00 12.97	3 39 06	-37 30				434023
11165	SFERNNDO	9004	63 10 09	19 35 01.03	0 52 24	26 48				434013
11162	MAUI,HA	9012	63 10 10	7 55 44.60	18 49 00	63 54				434013
11161	NAINITAL	9006	63 10 10	14 06 11.14	1 24 18	35 07				434013
11169	SHIRAZ	9008	63 10 10	17 10 58.15	22 31 18	55 53				434013
11158	WOOMERA	9003	63 10 10	17 40 45.12	1 11 00	-34 53				434023
11159	SFERNNDO	9004	63 10 10	20 15 59.57	0 12 12	30 12				434013
11163	ORGNPASS	9001	63 10 11	2 26 12.22	1 05 54	30 50				434013
11172	MAUI,HA	9012	63 10 11	5 31 02.51	1 54 12	44 38				434013
11167	NAINITAL	9006	63 10 11	14 46 40.88	0 23 48	45 44				434013
11171	JUPITER	9010	63 10 12	3 06 29.41	18 45 12	44 57				434013
11173	MAUI,HA	9012	63 10 12	6 11 53.01	1 24 36	55 04				434013
11185	TOKYO	9005	63 10 12	12 21 56.10	19 42 00	28 15				434013
11168	NAINITAL	9006	63 10 12	15 26 50.94	21 35 12	53 09				434013
11170	SHIRAZ	9008	63 10 12	15 27 21.33	1 25 18	27 35				434013
11176	SFERNNDO	9004	63 10 12	21 37 02.79	20 30 48	30 02				434013
11174	MAUI,HA	9012	63 10 13	6 52 26.70	23 07 06	67 03				434013
11177	NAINITAL	9006	63 10 13	16 07 57.03	19 47 30	40 39				434013
11166	SFERNNDO	9004	63 10 13	22 18 14.21	19 41 06	18 54				434013
11178	JUPITER	9010	63 10 14	1 22 56.74	0 03 24	48 14				434013
11175	ORGNPASS	9001	63 10 14	4 27 51.34	19 52 06	34 00				434013
11179	MAUI,HA	9012	63 10 14	7 33 06.41	19 41 42	60 24				434013
11183	NAINITAL	9006	63 10 14	16 48 16.58	18 48 48	28 57				434013
11180	SFERNNDO	9004	63 10 14	19 52 59.54	0 05 42	22 00				434013
11186	SHIRAZ	9008	63 10 15	17 29 14.23	20 45 18	38 00				434013
11188	SFERNNDO	9004	63 10 16	21 15 01.56	21 19 48	15 12				434013

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11189	JUPITER	9010	63 10 17	0 19 36.64	1 06 48	29 04				434013
11190	JUPITER	9010	63 10 17	3 24 52.96	18 48 00	26 16				434013
11199	SHIRAZ	9008	63 10 17	15 45 12.37	0 40 48	24 52				434013
11194	SFERNDO	9004	63 10 17	18 41 30.91	21 30 24	54 57				434013
11202	JUPITER	9010	63 10 18	1 00 22.83	0 07 42	35 20				434013
11192	ORGNPASS	9001	63 10 18	4 05 34.41	20 32 00	22 11				434013
11191	V.DLORES	9011	63 10 18	7 39 58.22	23 35 54	-33 11				434023
11200	SHIRAZ	9008	63 10 18	16 26 02.36	23 22 12	27 42				434013
11196	MAINITAL	9006	63 10 18	16 26 12.50	19 20 48	19 48				434013
11197	MAINITAL	9006	63 10 19	14 02 03.56	0 34 36	17 11				434013
11198	MAINITAL	9006	63 10 19	17 06 26.96	18 51 42	14 13				434013
11201	SHIRAZ	9008	63 10 19	17 06 42.96	21 16 00	24 56				434013
11193	WOOMERA	9003	63 10 19	17 35 05.86	23 32 00	-39 53				434023
11195	SFERNDO	9004	63 10 19	20 11 52.12	23 14 42	5 08				434013
11205	V.DLORES	9011	63 10 20	5 54 56.58	1 41 12	-56 28				434023
11204	MAINITAL	9006	63 10 20	14 40 09.74	21 30 24	38 11				434013
11206	SFERNDO	9004	63 10 20	20 52 53.75	21 51 42	- 0 29				434013
11207	ORGNPASS	9001	63 10 21	3 02 51.39	22 57 06	9 33				434013
11210	SHIRAZ	9008	63 10 21	15 22 46.23	0 38 00	13 00				434013
11208	MAINITAL	9006	63 10 21	15 22 57.67	20 50 36	17 24				434013
11209	SFERNDO	9004	63 10 21	21 33 26.19	20 28 24	- 2 29				434013
11211	CURACAO	9009	63 10 22	0 38 46.33	23 13 30	57 01				434013
11212	MAUI,HA	9012	63 10 22	6 48 51.74	21 39 18	37 59				434013
11216	SHIRAZ	9008	63 10 22	16 04 02.60	23 43 12	8 44				434013
11217	JUPITER	9010	63 10 23	1 18 50.48	22 29 42	19 52				434013
11257	CURACAO	9009	63 10 23	1 19 09.80	20 02 36	51 19				434013
11213	ORGNPASS	9001	63 10 23	4 24 59.17	20 14 42	- 3 12				434013
11214	MAINITAL	9006	63 10 23	13 36 54.64	23 36 18	24 08				434013
11219	SHIRAZ	9008	63 10 23	16 45 04.76	22 05 48	2 42				434013
11221	TOKYO	9005	63 10 24	11 15 11.50	21 13 36	- 9 45				434013
11224	MAUI,HA	9012	63 10 25	5 46 17.12	0 22 42	16 56				434013
11222	MAINITAL	9006	63 10 25	15 01 56.02	21 54 42	- 8 56				434013
11223	JUPITER	9010	63 10 26	0 16 43.51	0 33 24	- 0 52				434013
11220	ORGNPASS	9001	63 10 26	3 22 34.05	22 08 36	-18 38				434013
11225	MAUI,HA	9012	63 10 26	6 27 29.38	22 39 48	11 10				434013
11228	SHIRAZ	9008	63 10 26	15 40 17.20	23 13 30	4 38				434013
11229	MAUI,HA	9012	63 10 27	7 08 28.55	20 41 18	2 52				434013
11227	MAINITAL	9006	63 10 27	16 23 43.75	19 46 12	-12 48				434013
11230	MAUI,HA	9012	63 10 30	6 06 03.04	23 20 48	-15 42				434013
11232	MAUI,HA	9012	63 10 31	6 47 37.48	21 40 00	-26 45				434023
11231	MAINITAL	9006	63 10 31	12 48 34.42	22 21 36	21 43				434013
11236	TOKYO	9005	63 11 03	8 41 07.80	22 14 42	- 4 24				434013
11233	MAINITAL	9006	63 11 03	14 57 41.79	20 41 00	-31 30				434023
11237	MAUI,HA	9012	63 11 05	6 57 43.53	18 17 00	11 05				434013
11238	MAUI,HA	9012	63 11 05	7 05 55.50	20 12 48	-34 41				434023
11239	MAUI,HA	9012	63 11 06	4 35 19.87	22 54 24	0 49				434013
11242	MAUI,HA	9012	63 11 09	6 40 59.98	19 33 54	-27 55				434023
11241	MAINITAL	9006	63 11 09	12 42 42.26	20 24 36	3 22				434013
11240	ORGNPASS	9001	63 11 10	1 03 14.56	20 33 48	- 5 15				434013
11243	SFERNDO	9004	63 11 10	19 37 23.37	19 59 24	-27 55				434023
11245	MAUI,HA	9012	63 11 13	6 15 55.97	18 58 48	-21 33				434013
11247	V.DLORES	9011	63 11 16	23 54 12.50	0 03 18	1 24				434013
11249	TOKYO	9005	63 11 17	8 53 38.90	19 39 42	-27 45				434023
11248	WOOMERA	9003	63 11 18	12 59 21.33	20 16 48	-27 57				434023
11251	AREQUIPA	9007	63 11 19	1 11 56.11	19 10 42	-14 11				434013
11254	MAINITAL	9006	63 11 23	12 54 59.61	18 18 42	-19 00				434013
11252	ORGNPASS	9001	63 11 24	1 14 03.68	18 12 54	-17 42				434013
11255	V.DLORES	9011	63 11 24	8 11 30.33	4 51 36	-24 50				434023
11258	ORGNPASS	9001	63 11 30	12 53 13.98	9 35 18	11 20				434013
11261	MAUI,HA	9012	63 12 09	15 57 24.40	9 23 36	42 09				434013
11264	MAINITAL	9006	63 12 18	0 29 54.30	9 03 06	46 30				434013
11265	MAINITAL	9006	63 12 19	22 20 58.74	6 57 18	8 26				434013
11267	JUPITER	9010	63 12 20	7 36 23.53	8 16 12	13 25				434013

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11268	MAUI, HA	9012	63 12 21	15 14 25.81	15 11 54	57 14				434013
11276	JUPITER	9010	63 12 26	8 41 12.30	7 33 54	35 58				434013
11273	NAINITAL	9006	63 12 26	21 01 42.85	8 44 48	36 45				434013
11274	NAINITAL	9006	63 12 27	0 16 31.48	7 31 48	40 42				434013
11278	ORGNPASS	9001	63 12 27	9 21 32.08	8 41 06	33 20				434013
11280	JUPITER	9010	63 12 27	9 21 44.10	6 54 24	33 37				434013
11279	ORGNPASS	9001	63 12 27	12 42 01.85	8 20 06	46 44				434013
11281	ORGNPASS	9001	63 12 28	10 05 32.50	8 27 18	40 17				434013
11284	ORGNPASS	9001	63 12 30	11 25 16.90	6 57 06	33 54				434013

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10278	TOKYO	9005	63 07 07	11 57 24.20	2 26 06	70 46				434013
10279	SFERNNDO	9004	63 07 08	21 33 48.76	7 10 48	63 21				434013
10280	ORGNPASS	9001	63 07 10	3 59 54.64	5 50 06	70 40				434013
10284	SFERNNDO	9004	63 07 12	21 40 15.92	11 26 24	11 32				434013
10285	SFERNNDO	9004	63 07 12	21 41 34.51	12 50 12	- 8 35				434013
10292	V.DLORES	9011	63 07 19	9 38 06.05	9 24 12	-63 40				434023
10293	V.DLORES	9011	63 07 19	9 40 29.84	6 59 36	-30 55				434023
10286	OLFSFTN	9002	63 07 21	3 17 30.65	7 39 54	-55 52				434023
10287	OLFSFTN	9002	63 07 21	3 19 51.91	6 31 06	-21 08				434013
10288	OLFSFTN	9002	63 07 22	3 17 04.33	11 22 00	-78 29				434023
10289	OLFSFTN	9002	63 07 22	3 18 44.40	6 41 12	-59 22				434023
10290	OLFSFTN	9002	63 07 22	3 21 44.05	5 48 30	- 4 34				434013
10299	V.DLORES	9011	63 07 22	9 43 35.12	3 38 36	-18 47				434013
10298	WOOMERA	9003	63 07 22	19 19 16.10	5 45 18	-15 58				434013
10294	OLFSFTN	9002	63 07 23	3 18 56.70	4 14 00	-85 20				434023
10295	OLFSFTN	9002	63 07 23	3 20 35.21	4 42 42	-42 59				434023
10296	OLFSFTN	9002	63 07 23	3 23 15.86	5 02 24	11 23				434013
10300	V.DLORES	9011	63 07 23	9 43 06.86	22 43 24	-41 43				434023
10301	OLFSFTN	9002	63 07 24	3 20 07.68	22 16 06	-67 52				434023
10305	V.DLORES	9011	63 07 24	9 44 34.43	22 34 48	- 7 39				434013
10306	OLFSFTN	9002	63 07 25	3 21 48.08	22 34 24	-29 33				434023
10307	OLFSFTN	9002	63 07 25	3 23 16.81	0 53 30	8 20				434013
10318	V.DLORES	9011	63 07 25	9 46 17.18	22 42 24	16 39				434013
10319	V.DLORES	9011	63 07 25	9 47 46.79	0 05 54	34 24				434013
10310	AREQUIPA	9007	63 07 25	9 48 17.86	3 47 18	-39 57				434023
10311	OLFSFTN	9002	63 07 26	3 24 01.24	23 08 00	16 22				434013
10312	OLFSFTN	9002	63 07 26	3 26 09.01	1 08 42	42 42				434013
10313	AREQUIPA	9007	63 07 26	9 48 33.58	0 03 12	-44 45				434023
10315	OLFSFTN	9002	63 07 27	3 26 09.87	23 12 00	37 15				434013
10316	WOOMERA	9003	63 07 27	9 16 42.67	16 54 54	33 39				434013
10320	AREQUIPA	9007	63 07 28	9 51 18.25	22 06 18	16 14				434013
10321	AREQUIPA	9007	63 07 29	9 53 32.18	22 08 42	39 20				434013
10322	MAUI,HA	9012	63 07 29	14 47 49.28	5 02 06	-18 12				434013
10323	WOOMERA	9003	63 07 30	9 19 13.57	9 53 42	-16 34				434013
10324	WOOMERA	9003	63 07 30	9 20 58.92	5 23 18	-75 29				434023
10325	MAUI,HA	9012	63 07 30	14 46 14.29	3 10 36	-43 32				434023
10326	MAUI,HA	9012	63 07 30	14 51 11.63	5 51 06	16 34				434013
10328	MAUI,HA	9012	63 07 31	14 46 27.56	1 29 18	-47 12				434023
10329	MAUI,HA	9012	63 07 31	14 48 11.58	2 49 54	-26 11				434023
10335	MAUI,HA	9012	63 08 02	14 47 57.86	22 31 24	-28 25				434023
10336	MAUI,HA	9012	63 08 02	14 49 46.04	23 35 36	- 0 10				434013
10333	JUPITER	9010	63 08 03	8 25 38.92	3 40 42	-20 22				434013
10334	JUPITER	9010	63 08 03	8 27 17.78	4 27 36	- 3 11				434013
10337	MAUI,HA	9012	63 08 03	14 48 48.61	21 29 12	-13 35				434013
10338	MAUI,HA	9012	63 08 03	14 50 47.20	22 09 06	20 21				434013
10330	SFERNNDO	9004	63 08 04	3 39 44.22	3 00 12	-24 50				434023
10331	SFERNNDO	9004	63 08 04	3 42 40.71	4 40 36	2 01				434013
10332	CURACAO	9009	63 08 04	8 25 41.29	22 32 24	54 10				434013
10339	ORGNPASS	9001	63 08 05	10 07 03.52	5 01 12	17 40				434013
10340	SFERNNDO	9004	63 08 06	3 40 09.78	1 00 48	-25 56				434023
10341	SFERNNDO	9004	63 08 06	3 42 12.50	2 43 24	- 1 09				434013
10342	JUPITER	9010	63 08 06	8 28 18.86	2 05 48	18 13				434013
30003	SN.ANTON	8634	63 08 06	10 05 16.85	0 30 55	25 20				845013
10343	MAUI,HA	9012	63 08 06	13 16 14.38	3 48 30	44 55				434013
10344	SFERNNDO	9004	63 08 07	3 40 54.53	0 04 18	-18 00				434013
10345	SFERNNDO	9004	63 08 07	3 43 05.03	2 16 48	15 28				434013
10346	MAUI,HA	9012	63 08 07	13 16 53.29	3 09 30	64 23				434013
10347	SFERNNDO	9004	63 08 08	3 43 58.45	1 42 42	38 41				434013
10349	JUPITER	9010	63 08 08	8 29 53.60	22 43 18	60 11				434013
10348	ORGNPASS	9001	63 08 08	10 05 34.66	23 50 36	17 02				434013
10350	MAUI,HA	9012	63 08 08	13 17 50.55	2 34 12	80 51				434013
10351	SFERNNDO	9004	63 08 09	2 06 31.14	3 38 48	5 18				434013
10352	SFERNNDO	9004	63 08 09	3 42 35.45	22 01 00	11 52				434013
10353	SFERNNDO	9004	63 08 09	3 44 56.71	1 01 24	63 06				434013
10354	ORGNPASS	9001	63 08 09	10 06 22.24	22 20 12	37 26				434013
10364	MAUI,HA	9012	63 08 09	13 18 28.89	18 54 00	84 43				434013
10362	SHIRAZ	9008	63 08 09	22 54 57.26	3 23 12	57 53				434013
10363	JUPITER	9010	63 08 10	8 32 05.99	18 04 48	72 51				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10357	TOKYO	9005	63 08 10	16 31 26.80	3 36 00	24 48				434013
10359	TOKYO	9005	63 08 10	18 07 37.50	19 57 00	28 05				434013
10360	TOKYO	9005	63 08 10	18 09 11.90	19 45 36	56 17				434013
10361	TOKYO	9005	63 08 10	18 12 26.50	9 52 12	73 16				434013
10356	SFERNNDO	9004	63 08 11	3 45 29.50	19 46 48	60 41				434013
10365	ORGNPASS	9001	63 08 12	10 08 20.74	18 26 18	51 11				434013
10366	ORGNPASS	9001	63 08 12	10 11 21.57	12 41 24	76 34				434013
10369	SHIRAZ	9008	63 08 12	22 57 33.06	11 40 00	81 00				434013
10367	ORGNPASS	9001	63 08 13	10 08 23.68	18 03 24	44 10				434013
10368	ORGNPASS	9001	63 08 13	10 10 29.08	16 22 30	66 47				434013
10370	SFERNNDO	9004	63 08 14	3 49 17.10	14 11 12	70 05				434013
10371	SFERNNDO	9004	63 08 15	2 09 16.09	4 05 30	83 19				434013
10372	SFERNNDO	9004	63 08 15	3 47 41.93	17 02 30	54 19				434013
10373	ORGNPASS	9001	63 08 16	8 33 21.53	9 26 12	78 59				434013
10374	SFERNNDO	9004	63 08 17	2 09 36.59	15 43 36	73 24				434013
10375	SFERNNDO	9004	63 08 17	2 11 23.85	9 52 00	73 20				434013
10376	SFERNNDO	9004	63 08 18	2 09 48.45	15 36 06	66 12				434013
10377	SFERNNDO	9004	63 08 18	2 11 51.98	10 47 12	71 15				434013
10378	SFERNNDO	9004	63 08 19	2 09 46.13	15 44 48	58 42				434013
10380	WOODMERA	9003	63 08 23	9 39 33.10	18 19 00	-86 54				434023
10379	OLFSFTN	9002	63 08 24	17 42 35.89	13 17 30	6 21				434013
10381	WOODMERA	9003	63 08 25	9 39 17.17	11 37 18	-25 06				434023
10382	AREQUIPA	9007	63 08 26	0 10 09.50	16 20 00	46 51				434013
10383	SFERNNDO	9004	63 08 26	22 54 29.45	6 58 06	70 49				434013
10384	SFERNNDO	9004	63 08 27	3 56 12.70	11 01 12	68 13				434013
10386	SFERNNDO	9004	63 08 27	22 51 58.39	13 25 42	60 26				434013
10387	SFERNNDO	9004	63 08 27	22 54 25.98	8 09 42	70 22				434013
10385	SHIRAZ	9008	63 08 28	0 48 36.58	8 48 54	59 39				434013
30014	FALLS CH	8606	63 08 28	1 59 43.0			180 00 00	66 06 00		845303
30007	ROCHESTR	8624	63 08 28	2 01 34.9	21 42 36	19 47				845013
10390	MAUI,HA	9012	63 08 28	6 42 29.70	15 04 36	22 11				434013
10394	SHIRAZ	9008	63 08 28	16 18 43.74	18 25 36	-23 54				434023
10395	SHIRAZ	9008	63 08 28	16 20 21.70	20 29 48	10 49				434013
10391	SFERNNDO	9004	63 08 28	21 11 03.43	17 16 00	30 02				434013
10388	CURACAO	9009	63 08 29	0 14 25.11	13 56 18	- 3 22				434013
10389	CURACAO	9009	63 08 29	0 16 02.18	14 39 12	38 37				434013
10396	SHIRAZ	9008	63 08 29	0 46 50.82	12 56 30	83 12				434013
10397	SHIRAZ	9008	63 08 29	0 48 49.83	7 46 24	60 41				434013
30008	N.ORLEAN	0031	63 08 29	1 55 40.8			180 00 00	59 00 00		845302
10398	JUPITER	9010	63 08 29	1 56 50.31	14 34 24	37 39				434013
10399	JUPITER	9010	63 08 29	2 00 32.01	4 05 06	77 57				434013
10392	SFERNNDO	9004	63 08 29	3 56 51.07	9 20 06	73 42				434013
10400	MAUI,HA	9012	63 08 29	6 41 18.70	13 52 42	6 46				434013
10401	MAUI,HA	9012	63 08 29	6 42 50.35	13 56 24	35 22				434013
10402	MAUI,HA	9012	63 08 29	6 45 26.32	12 30 00	81 12				434013
10403	MAUI,HA	9012	63 08 29	15 13 31.76	20 32 00	88 27				434013
10404	MAUI,HA	9012	63 08 29	15 15 05.72	6 54 00	72 16				434013
10405	MAUI,HA	9012	63 08 29	15 19 11.37	7 35 18	0 08				434013
10406	SHIRAZ	9008	63 08 29	16 19 36.25	17 45 18	11 42				434013
10432	SFERNNDO	9004	63 08 29	21 09 11.37	15 14 24	2 21				434013
10433	SFERNNDO	9004	63 08 29	21 10 57.88	15 36 12	37 01				434013
10393	MAINITAL	9006	63 08 29	23 12 51.36	4 21 48	72 05				434013
10408	CURACAO	9009	63 08 30	0 14 30.37	13 10 42	10 22				434013
10409	CURACAO	9009	63 08 30	0 17 25.74	13 25 30	65 10				434013
10407	SHIRAZ	9008	63 08 30	0 48 25.38	5 56 42	71 09				434013
10440	JUPITER	9010	63 08 30	1 55 31.45	13 48 48	17 55				434013
10441	JUPITER	9010	63 08 30	1 57 18.81	13 31 00	47 25				434013
10442	JUPITER	9010	63 08 30	1 59 45.86	9 40 06	78 48				434013
10434	SFERNNDO	9004	63 08 30	3 56 42.43	8 31 00	82 15				434013
10429	MAUI,HA	9012	63 08 30	6 42 28.99	13 14 18	31 12				434013
10430	MAUI,HA	9012	63 08 30	6 44 12.44	12 45 48	57 43				434013
30009	HARTSVLE	8559	63 08 30	8 47 20.12	5 54 13	12 57				845014
10431	MAUI,HA	9012	63 08 30	15 15 52.64	4 50 54	58 13				434013
10426	JUPITER	9010	63 08 31	1 57 14.14	12 53 12	45 22				434013
10435	SFERNNDO	9004	63 08 31	2 17 18.86	8 37 48	59 17				434013
10436	SFERNNDO	9004	63 08 31	3 57 06.48	3 56 00	77 44				434013
10428	JUPITER	9010	63 08 31	8 50 14.20	7 10 24	17 46				434013
10415	TCKYO	9005	63 08 31	11 33 47.30	13 53 06	23 21				434013
10416	TOKYO	9005	63 08 31	11 35 20.60	13 26 54	46 59				434013
10417	TOKYO	9005	63 08 31	11 38 23.70	7 00 06	73 59				434013
10443	MAUI,HA	9012	63 08 31	15 16 04.83	2 46 36	39 46				434013
10437	SHIRAZ	9008	63 08 31	16 18 48.45	14 07 42	20 02				434013
10418	TOKYO	9005	63 08 31	16 40 23.00	10 31 54	68 46				434013
10419	TOKYO	9005	63 08 31	16 43 58.70	7 07 06	38 18				434013

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10420	TOKYO	9005	63 08 31	18 21 45.70	2 16 30	66 56				434013
10438	SHIRAZ	9008	63 08 31	23 08 35.91	8 08 06	57 54				434013
10439	SHIRAZ	9008	63 09 01	0 48 40.48	1 28 24	44 02				434013
30005	ROCHESTR	8585	63 09 01	2 02 19.9	2 55 00	84 25				845013
30012	N.CANTON	8565	63 09 01	2 02 27.1	3 02 36	70 07				845013
30013	N.CANTON	8565	63 09 01	2 02 32.7	3 03 46	68 55				845013
10461	ORGNPASS	9001	63 09 01	10 20 51.58	5 44 18	80 08				434013
10444	MAUI, HA	9012	63 09 01	13 35 37.44	7 49 48	56 32				434013
10445	MAUI, HA	9012	63 09 01	13 37 21.91	7 24 00	36 04				434013
10421	SHIRAZ	9008	63 09 01	16 17 48.47	13 20 42	11 40				434013
10422	SHIRAZ	9008	63 09 01	16 19 32.74	13 07 30	40 52				434013
10410	SFERNNDO	9004	63 09 01	21 10 14.15	13 12 54	34 55				434013
10411	SFERNNDO	9004	63 09 01	21 11 50.08	12 18 06	56 38				434013
10423	SHIRAZ	9008	63 09 01	23 06 41.13	10 53 06	76 37				434013
10424	SHIRAZ	9008	63 09 01	23 08 27.16	7 39 00	62 00				434013
10425	SHIRAZ	9008	63 09 01	23 11 47.63	6 39 36	19 27				434013
10412	SFERNNDO	9004	63 09 02	2 15 21.73	12 07 36	72 59				434013
10413	SFERNNDO	9004	63 09 02	2 20 26.48	6 19 12	26 16				434013
10414	SFERNNDO	9004	63 09 02	3 56 56.07	23 41 00	50 11				434013
10448	MAUI, HA	9012	63 09 02	13 34 15.82	7 57 06	74 58				434013
10449	MAUI, HA	9012	63 09 02	13 35 56.57	6 58 48	54 15				434013
10450	MAUI, HA	9012	63 09 02	13 39 07.49	6 50 48	9 49				434013
10451	MAUI, HA	9012	63 09 02	15 14 55.16	23 27 48	15 44				434013
10453	SHIRAZ	9008	63 09 03	0 48 07.76	23 22 42	11 43				434013
10446	SFERNNDO	9004	63 09 03	2 16 48.25	7 48 36	72 00				434013
10447	SFERNNDO	9004	63 09 03	3 56 47.82	23 05 42	31 31				434013
10454	JUPITER	9010	63 09 03	8 46 59.80	2 21 00	55 30				434013
10455	MAUI, HA	9012	63 09 03	13 36 34.63	5 55 12	42 35				434013
10457	MAUI, HA	9012	63 09 03	15 18 21.95	1 09 42	-43 25				434023
10452	WOOMERA	9003	63 09 03	20 15 50.78	6 03 54	34 34				434013
30015	MADISON	8654	63 09 04	1 59 14.0	13 00 48	73 06				845013
10458	WOOMERA	9003	63 09 04	20 15 06.60	4 22 30	35 48				434013
10459	DLFSFTN	9002	63 09 06	2 35 49.01	4 35 48	41 41				434013
10460	DLFSFTN	9002	63 09 06	2 39 25.19	8 11 12	-12 50				434013
10462	DLFSFTN	9002	63 09 07	2 35 52.18	3 30 00	33 00				434013
10463	DLFSFTN	9002	63 09 07	2 37 18.86	5 17 30	6 52				434013
10464	DLFSFTN	9002	63 09 07	2 39 20.46	8 18 42	-33 02				434023
10469	AREQUIPA	9007	63 09 07	9 00 24.09	6 43 54	-47 19				434023
30016	MADISON	8654	63 09 08	1 58 44.0	9 34 42	64 34				845013
10465	DLFSFTN	9002	63 09 08	2 37 12.15	3 47 12	-21 12				434013
10468	WOOMERA	9003	63 09 08	18 37 28.00	7 08 36	-0 10				434013
30017	MADISON	8654	63 09 09	1 58 41.1	8 59 15	64 14				845013
10466	DLFSFTN	9002	63 09 09	2 37 37.79	2 15 12	-67 07				434023
10467	DLFSFTN	9002	63 09 09	2 39 32.69	10 57 48	-70 27				434023
10471	WOOMERA	9003	63 09 09	18 38 32.84	8 34 42	-28 49				434023
10470	DLFSFTN	9002	63 09 10	2 38 23.06	18 13 00	-83 34				434013
30020	SACMENTO	8517	63 09 12	3 33 07.8			360 00 00	9 51 36		641304
30018	SACMENTO	8517	63 09 13	3 32 39.4			360 00 00	9 36 00		641304
30019	SACMENTO	8517	63 09 14	3 32 08.3			360 00 00	9 36 00		641304
30023	MADISON	0148	63 09 14	3 37 50.8	8 44 36	79 47				845013
30024	MADISON	0148	63 09 15	1 57 51.4	5 29 18	64 45				845013
30021	SACMENTO	8517	63 09 15	3 31 34.5			360 00 00	9 50 24		641304
10472	SFERNNDO	9004	63 09 15	21 12 22.53	5 04 00	62 49				434013
30025	ROCHESTR	8624	63 09 17	0 18 36.28	4 54 54	63 44				845013
30026	ROCHESTR	8624	63 09 17	0 19 04.8	4 06 48	60 53				845013
30028	N.CANTON	8565	63 09 17	1 58 59.9	3 29 29	63 41				845013
30027	ROCHESTR	8624	63 09 17	1 59 06.92	2 41 02	72 47				845013
30031	ROCHESTR	8585	63 09 18	1 57 48.5	2 31 15	85 17				845013
10474	TOKYO	9005	63 09 18	11 33 31.00	9 14 00	75 19				434013
10473	SFERNNDO	9004	63 09 18	21 08 49.29	9 30 12	75 32				434013
30032	ROCHESTR	8585	63 09 19	1 56 36.0	15 36 33	80 56				845013
30033	N.CANTON	8572	63 09 19	1 57 54.2	1 23 16	62 49				845013
10475	ORGNPASS	9001	63 09 19	3 33 18.50	5 26 54	70 21				434013
10476	TOKYO	9005	63 09 19	11 32 58.40	10 36 48	79 00				434013
10477	ORGNPASS	9001	63 09 20	3 31 54.37	7 17 06	75 48				434013
10479	SFERNNDO	9004	63 09 20	21 07 55.43	15 10 12	81 28				434013
30035	ROCHESTR	8624	63 09 21	0 16 23.9	2 22 00	65 32				845013
30030	ROCHESTR	8585	63 09 21	1 55 29.9	18 20 22	52 55				845013
10481	MAINTAL	9006	63 09 21	14 42 36.24	4 58 12	72 59				434013
10482	SHIRAZ	9008	63 09 21	16 19 19.50	2 56 36	60 58				434013
10480	SFERNNDO	9004	63 09 21	21 07 03.01	16 19 36	69 23				434013
30034	ROCHESTR	8585	63 09 22	1 54 03.5	17 03 17	40 45				845013
30044	SACMENTO	8517	63 09 22	3 26 48.4			0 00 00	23 24 11		641304

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10478	ORGNPASS	9001	63 09 22	3 30 40.63	12 02 00	87 11				434013
10488	NAINITAL	9006	63 09 22	14 41 06.87	7 08 06	78 46				434013
10489	SHIRAZ	9008	63 09 22	16 17 03.96	4 49 12	75 20				434013
10490	SHIRAZ	9008	63 09 22	16 18 59.70	1 51 24	56 54				434013
30045	SACMENTO	8517	63 09 23	3 26 07.7			0 00 00	29 28 08		641304
10483	ORGNPASS	9001	63 09 23	3 29 50.87	16 31 30	77 52				434013
10487	NAINITAL	9006	63 09 23	14 41 28.92	1 09 24	78 14				434013
10500	SHIRAZ	9008	63 09 23	16 16 02.78	5 03 00	81 46				434013
10501	SHIRAZ	9008	63 09 23	16 17 51.57	1 02 48	60 44				434013
10485	SFERNNDO	9004	63 09 23	19 25 48.66	2 43 18	71 40				434013
10486	SFERNNDO	9004	63 09 23	19 29 33.71	0 20 18	20 30				434013
30036	ROCHESTR	8624	63 09 24	1 52 16.28	17 12 00	11 15				845023
30038	ROCHESTR	8585	63 09 24	1 52 22.9	17 20 50	11 28				845013
30046	SACMENTO	8517	63 09 24	3 25 27.8			0 00 00	38 52 23		641304
10502	SHIRAZ	9008	63 09 24	16 15 18.53	23 11 00	86 50				434013
10491	SFERNNDO	9004	63 09 24	19 28 42.64	23 46 42	12 25				434013
10492	SFERNNDO	9004	63 09 24	21 02 42.64	15 25 12	31 52				434013
10493	SFERNNDO	9004	63 09 24	21 04 38.48	17 17 12	17 14				434013
30039	ST.COLL	8603	63 09 25	0 13 51.6			80 50	50 50		845303
30047	SACMENTO	8517	63 09 25	3 24 52.1			0 00 00	54 36 32		641304
10494	ORGNPASS	9001	63 09 25	3 27 22.39	16 03 42	47 22				434013
10495	SFERNNDO	9004	63 09 25	19 23 48.65	22 27 42	75 27				434013
10497	SFERNNDO	9004	63 09 25	21 01 46.64	15 43 54	20 37				434013
10498	SFERNNDO	9004	63 09 25	21 03 53.62	17 23 36	1 20				434013
30040	ST.COLL	8603	63 09 26	0 12 46.15			109 18	58 10		845303
10503	ORGNPASS	9001	63 09 26	1 50 38.02	23 55 06	21 33				434013
10504	ORGNPASS	9001	63 09 26	1 52 06.25	23 52 18	5 42				434013
30048	SACMENTO	8517	63 09 26	3 24 22.7			0 00 00	81 11 17		641304
10505	ORGNPASS	9001	63 09 26	3 25 06.54	15 03 24	37 46				434013
10506	ORGNPASS	9001	63 09 26	3 27 44.15	17 42 42	15 17				434013
10507	MAUI,HA	9012	63 09 26	6 39 45.15	16 19 00	66 10				434013
10511	SHIRAZ	9008	63 09 26	16 12 23.88	15 21 12	62 54				434013
10512	SHIRAZ	9008	63 09 26	16 14 48.11	20 03 36	36 17				434013
10508	SFERNNDO	9004	63 09 26	19 21 55.17	16 31 54	76 12				434013
10509	SFERNNDO	9004	63 09 26	21 00 11.25	15 32 48	14 31				434013
10510	SFERNNDO	9004	63 09 26	21 02 48.44	17 12 48	- 7 32				434013
10513	JUPITER	9010	63 09 27	0 10 47.01	2 08 54	79 27				434013
10514	JUPITER	9010	63 09 27	0 12 03.73	0 17 48	63 18				434013
30041	SN.ANTON	8634	63 09 27	1 50 49.8	22 34 48	13 45				845012
10515	JUPITER	9010	63 09 27	1 51 04.15	16 37 36	18 36				434013
10521	ORGNPASS	9001	63 09 27	3 24 06.05	15 22 00	25 45				434013
10522	ORGNPASS	9001	63 09 27	3 26 52.48	17 34 06	- 2 10				434013
10516	MAUI,HA	9012	63 09 27	6 39 08.32	16 47 18	47 01				434013
10517	NAINITAL	9006	63 09 27	14 35 34.94	15 25 18	40 08				434013
10518	NAINITAL	9006	63 09 27	14 39 25.07	19 31 18	-12 17				434013
10527	SFERNNDO	9004	63 09 27	19 21 24.73	17 59 48	52 38				434013
10528	SFERNNDO	9004	63 09 27	21 01 02.81	16 42 30	- 8 39				434013
10523	ORGNPASS	9001	63 09 28	1 48 00.79	22 27 18	9 40				434013
10524	ORGNPASS	9001	63 09 28	3 26 43.29	17 52 18	-21 56				434013
10519	SHIRAZ	9008	63 09 28	16 10 57.17	16 31 36	21 28				434013
10520	SHIRAZ	9008	63 09 28	16 14 36.99	19 47 12	-29 53				434023
10529	SFERNNDO	9004	63 09 28	19 20 09.14	17 12 00	32 50				434013
10525	ORGNPASS	9001	63 09 29	1 46 08.05	21 15 00	8 18				434013
10526	ORGNPASS	9001	63 09 29	3 22 48.65	16 05 00	- 2 08				434013
10531	NAINITAL	9006	63 09 29	14 34 40.95	16 30 00	- 2 15				434013
10532	SHIRAZ	9008	63 09 29	16 07 25.40	14 39 06	27 05				434013
10533	SHIRAZ	9008	63 09 29	16 09 41.55	16 16 30	7 04				434013
10534	SHIRAZ	9008	63 09 29	16 13 56.80	19 16 18	-40 14				434023
10530	SFERNNDO	9004	63 09 29	19 18 10.61	15 54 18	23 56				434013
10535	CURACAO	9009	63 09 30	0 12 00.82	17 06 42	49 44				434013
10536	CURACAO	9009	63 09 30	0 15 10.49	20 20 36	- 8 08				434013
10537	MAUI,HA	9012	63 09 30	5 00 54.70	22 58 00	-13 24				434013
10538	MAUI,HA	9012	63 09 30	6 34 32.01	15 36 48	11 13				434013
10539	MAUI,HA	9012	63 09 30	6 36 13.93	16 23 42	- 6 06				434013
10540	MAUI,HA	9012	63 09 30	6 38 47.22	17 38 12	-35 17				434023
10545	NAINITAL	9006	63 09 30	14 32 07.83	15 36 36	1 47				434013
10546	NAINITAL	9006	63 09 30	14 35 36.99	17 25 36	-31 42				434023
10549	SHIRAZ	9008	63 09 30	16 07 03.92	15 16 54	9 48				434013
10550	SHIRAZ	9008	63 09 30	16 08 57.91	16 23 54	- 9 23				434013
10543	SFERNNDO	9004	63 09 30	19 14 35.23	13 48 48	27 42				434013
10544	SFERNNDO	9004	63 09 30	19 16 38.30	15 33 30	12 24				434013
30049	S.PTRSBG	8604	63 10 01	0 06 53.0	18 27 05	21 16				845033
30042	WPALMBCH	8632	63 10 01	0 07 35.5			234 48 00	68 30 00		845303
30043	WPALMBCH	8632	63 10 01	0 07 47.8			220 06 00	67 18 00		845303
10547	CURACAO	9009	63 10 01	0 11 04.50	16 42 00	26 42				434013
10548	CURACAO	9009	63 10 01	0 14 42.09	19 35 00	-37 29				434023
10541	ORGNPASS	9001	63 10 01	1 43 24.32	19 01 06	-16 16				434013
10542	SFERNNDO	9004	63 10 01	19 18 52.77	17 53 54	-32 12				434023
10551	ORGNPASS	9001	63 10 02	1 42 59.30	18 48 00	-33 15				434023
10552	OLFSFTN	9002	63 10 03	17 53 13.46	20 35 54	13 53				434013
10559	AREQUIPA	9007	63 10 04	0 13 12.79	18 40 36	23 28				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10563	V.DLORES	9011	63 10 04	0 17 30.37	19 59 54	24 04				434013
10560	AREQUIPA	9007	63 10 04	0 17 41.69	23 53 30	-57 57				434023
10564	V.DLORES	9011	63 10 04	8 44 22.35	13 20 00	-64 47				434023
10554	MOOMERA	9003	63 10 04	11 29 42.32	17 31 30	1 58				434013
30050	CAPETWN	0402	63 10 04	17 53 20.7			58 22 00	25 04 00		845303
10561	AREQUIPA	9007	63 10 05	0 11 52.36	17 29 48	5 19				434013
10565	V.DLORES	9011	63 10 05	8 42 11.79	18 18 48	-76 50				434023
10566	V.DLORES	9011	63 10 05	8 44 17.93	9 49 24	-15 47				434013
10553	OLFSFTN	9002	63 10 05	17 49 46.21	17 40 36	-7 42				434013
30055	CAPETWN	0402	63 10 05	17 51 36.5			56 20 00	35 44 00		845303
30054	CAPETWN	0402	63 10 05	17 51 36.7			56 25 00	35 42 00		845303
10567	V.DLORES	9011	63 10 06	0 15 26.16	18 13 48	-16 35				434013
10555	MOOMERA	9003	63 10 06	9 51 29.39	0 23 12	-30 50				434023
10557	MOOMERA	9003	63 10 06	11 27 50.34	16 05 48	-28 56				434023
10558	MOOMERA	9003	63 10 06	11 30 21.22	14 18 48	-66 10				434023
10568	OLFSFTN	9002	63 10 06	17 48 30.86	16 40 36	-24 18				434023
30056	CAPETWN	0402	63 10 06	17 49 51.4			53 57 00	51 22 00		845303
10574	AREQUIPA	9007	63 10 07	0 09 14.81	15 47 00	-23 50				434023
10575	V.DLORES	9011	63 10 07	0 12 48.43	16 56 12	-8 15				434013
10569	OLFSFTN	9002	63 10 07	2 18 07.38	9 44 18	-14 18				434013
10570	OLFSFTN	9002	63 10 07	2 18 21.77	9 41 48	-5 52				434013
10571	OLFSFTN	9002	63 10 07	17 45 15.95	15 52 24	-7 09				434013
10572	OLFSFTN	9002	63 10 07	17 46 54.92	15 48 06	-30 19				434023
10573	OLFSFTN	9002	63 10 07	17 50 45.39	10 00 06	-79 48				434023
10578	AREQUIPA	9007	63 10 08	0 10 16.62	14 33 42	-61 47				434023
30051	ADELAIDE	8597	63 10 08	9 47 12.4			55 08 00	86 46 00		845303
10576	OLFSFTN	9002	63 10 08	17 44 05.96	15 18 36	-18 50				434013
30052	CAPETWN	0402	63 10 08	17 46 21.4			227 41 00	79 27 00		845303
30053	CAPETWN	0402	63 10 08	17 46 21.8			227 41 00	79 28 00		845303
10577	OLFSFTN	9002	63 10 08	17 47 27.55	13 57 12	-62 44				434023
10580	V.DLORES	9011	63 10 09	0 09 27.62	15 33 42	-21 08				434013
10581	V.DLORES	9011	63 10 09	0 12 57.80	12 56 06	-69 50				434023
10582	V.DLORES	9011	63 10 10	0 08 13.15	14 57 54	-30 38				434023
10586	MAUI, HA	9012	63 10 11	15 07 12.53	8 29 30	-41 47				434023
10587	MAUI, HA	9012	63 10 11	15 09 00.66	10 57 18	12 32				434013
10588	MAUI, HA	9012	63 10 12	15 06 34.24	9 39 42	28 54				434013
10589	SFERNNDO	9004	63 10 13	5 31 55.33	7 24 36	-27 09				434023
10590	SFERNNDO	9004	63 10 13	5 34 03.36	11 43 18	24 50				434013
30057	S.PTRS8G	0121	63 10 13	10 17 53.3	7 48 24	1 50				845042
30058	S.PTRS8G	8604	63 10 13	10 17 58.2	7 59 38	4 39				845033
10583	ORGNPASS	9001	63 10 13	11 53 57.19	7 09 24	-32 30				434023
10584	ORGNPASS	9001	63 10 13	11 56 31.99	11 59 54	30 16				434013
10591	NAINITAL	9006	63 10 13	23 05 19.64	10 31 42	10 30				434013
10585	SFERNNDO	9004	63 10 14	5 30 19.72	6 40 18	2 24				434013
10592	SFERNNDO	9004	63 10 15	5 27 43.97	83 29 00	6 01				434013
10593	ORGNPASS	9001	63 10 15	11 51 21.31	10 07 00	83 08				434013
30061	CAPETWN	0402	63 10 27	18 47 39.0			160 09 00	15 58 00		845303
30060	CAPETWN	0402	63 10 27	18 47 39.3			160 09 00	15 52 00		845303
10594	MOOMERA	9003	63 10 29	10 43 29.40	5 30 12	-59 30				434023
30062	CAPETWN	0402	63 10 29	18 42 49.1			135 06 00	33 10 00		845303
10595	MOOMERA	9003	63 10 30	10 39 31.63	8 20 00	-77 25				434023
30059	ADELAIDE	8597	63 10 30	10 40 44.4			124 31 00	50 11 00		845303
10596	MOOMERA	9003	63 10 31	10 37 18.98	2 44 18	-72 44				434023
30063	CAPETWN	0402	63 11 02	18 29 55.8			306 25 00	35 51 00		845303
10597	MOOMERA	9003	63 11 03	10 26 31.73	17 19 24	-30 08				434023
10598	MOOMERA	9003	63 11 03	10 29 25.90	22 04 48	33 53				434013
30064	CAPETWN	0402	63 11 04	18 22 02.2			283 21 00	14 36 00		845303
30065	CAPETWN	0402	63 11 04	18 22 59.3			302 17 00	14 49 00		845303
30066	CAPETWN	0402	63 11 04	18 23 58.1			321 20 00	12 16 00		845303
10599	ORGNPASS	9001	63 11 06	12 33 06.05	15 24 00	81 03				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10003	MAUI,HA	9012	63 07 31	6 18 05.38	11 27 30	4 01				434C13
10007	WOOMERA	9003	63 08 01	20 31 49.95	5 26 54	-18 43				434C13
10008	WOOMERA	9003	63 08 01	20 32 17.95	5 53 36	1 32				434C13
10004	OLFSFTN	9002	63 08 02	4 03 39.67	4 30 00	-52 10				434C23
10005	OLFSFTN	9002	63 08 02	4 03 51.67	5 10 36	-36 04				434C23
10006	OLFSFTN	9002	63 08 02	4 04 13.05	5 47 48	-11 21				434C13
10010	WOOMERA	9003	63 08 02	20 34 31.10	2 34 00	33 14				434C13
10011	WOOMERA	9003	63 08 02	20 35 07.10	3 50 18	39 09				434C13
10012	WOOMERA	9003	63 08 08	9 35 59.75	15 13 30	34 38				434C13
10013	WOOMERA	9003	63 08 09	9 34 51.98	12 31 18	14 23				434C13
10015	OLFSFTN	9002	63 08 09	17 05 19.20	9 46 30	-42 47				434C23
10016	OLFSFTN	9002	63 08 09	17 05 57.01	9 02 18	-58 39				434C23
10017	WOOMERA	9003	63 08 10	9 33 33.75	10 57 12	- 6 11				434C13
10018	WOOMERA	9003	63 08 10	9 33 47.75	10 56 54	-11 38				434C13
10019	WOOMERA	9003	63 08 10	9 35 20.15	10 02 48	-74 09				434C23
10020	WOOMERA	9003	63 08 10	9 35 40.15	6 16 42	-84 50				434C23
10021	WOOMERA	9003	63 08 11	9 32 32.57	9 42 30	-34 43				434C23
10022	WOOMERA	9003	63 08 11	9 33 20.57	8 48 36	-56 13				434C23
10023	WOOMERA	9003	63 08 11	9 34 06.57	6 11 36	-71 34				434C23
10024	WOOMERA	9003	63 08 12	9 32 02.53	5 47 06	-65 58				434C23
10025	WOOMERA	9003	63 08 12	9 32 14.53	5 07 36	-66 52				434C23
10026	SHIRAZ	9008	63 08 14	1 05 52.11	23 54 54	43 00				434C13
10027	SHIRAZ	9008	63 08 14	1 06 02.11	0 49 54	56 25				434C13
10028	SHIRAZ	9008	63 08 14	1 06 14.11	2 42 30	67 22				434C13
30005	WPALMBCH	8632	63 08 14	10 04 37.60			322 12	16 18		845302
10029	SHIRAZ	9008	63 08 15	1 02 29.77	19 51 54	59 37				434C13
10030	SHIRAZ	9008	63 08 15	1 02 33.77	19 42 48	62 35				434C13
10031	SHIRAZ	9008	63 08 15	1 02 37.77	19 31 48	65 31				434C13
30006	COLUMBUS	0051	63 08 16	9 58 10.60	2 45 18	21 13				845C12
30007	DENVER	8582	63 08 17	11 23 01.10			332 18	46 05		845302
30013	SACRAMENTO	8517	63 08 18	12 45 16.0			360 00 00	14 19 12		641304
30008	DENVER	8582	63 08 21	10 54 39.80			345 00	11 30		845302
30009	TAIPEI	0507	63 08 30	21 10 05.30			43 00	63 30		845302

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10183	SFERNNDO	9004	63 07 01	1 59 47.91	18 09 48	-12 13				434013
10179	CURACAO	9009	63 07 01	5 44 11.61	18 02 24	26 14				434013
10180	JUPITER	9010	63 07 01	5 44 59.99	19 33 30	- 1 33				434013
10185	SHIRAZ	9008	63 07 01	20 45 55.26	19 34 48	- 5 10				434013
10184	SFERNNDO	9004	63 07 02	0 31 03.32	19 37 30	-12 20				434013
10189	MAUI, HA	9012	63 07 02	11 46 16.25	17 39 18	10 05				434013
10191	SHIRAZ	9008	63 07 03	21 33 03.83	17 52 24	- 1 27				434013
10190	JUPITER	9010	63 07 04	5 02 07.74	19 12 42	6 58				434013
10187	WOOMERA	9003	63 07 04	20 30 56.80	19 20 54	-31 48				434023
10188	WOOMERA	9003	63 07 04	20 32 45.08	20 10 12	-62 51				434023
10186	DLFSFTN	9002	63 07 05	4 02 06.96	18 35 18	-44 45				434023
10195	MAUI, HA	9012	63 07 05	11 05 14.90	17 51 48	11 18				434013
10194	MAINITAL	9006	63 07 05	18 36 24.67	19 05 36	- 3 46				434013
10193	DLFSFTN	9002	63 07 06	2 33 29.26	3 35 48	-73 42				434023
30004	SN. ANTON	8610	63 07 06	5 42 40.2	17 42 38	24 02				845014
10192	ORGNPASS	9001	63 07 06	5 48 41.23	19 28 48	3 54				434013
10200	MAUI, HA	9012	63 07 06	9 35 56.24	19 38 18	13 01				434013
10198	CURACAO	9009	63 07 07	4 22 46.38	18 47 00	24 40				434013
10199	V. DLORES	9011	63 07 07	8 36 29.75	3 43 48	-50 33				434023
10196	DLFSFTN	9002	63 07 08	3 23 30.08	18 00 06	-75 38				434023
10197	DLFSFTN	9002	63 07 08	3 25 59.23	7 36 06	-70 02				434023
10211	ORGNPASS	9001	63 07 08	6 39 25.41	18 48 54	- 4 59				434013
10205	JUPITER	9010	63 07 09	5 11 04.25	18 19 42	0 31				434013
10210	MAUI, HA	9012	63 07 09	8 56 18.55	20 01 12	8 00				434013
10201	V. DLORES	9011	63 07 09	9 25 42.72	20 43 48	-70 01				434023
10203	WOOMERA	9003	63 07 09	20 41 58.56	19 02 12	-47 45				434023
10204	WOOMERA	9003	63 07 09	20 43 52.13	19 19 06	-77 35				434023
10207	CURACAO	9009	63 07 10	3 43 00.79	19 20 06	19 44				434013
10208	MAUI, HA	9012	63 07 10	6 44 22.37	14 03 30	54 54				434013
10206	DLFSFTN	9002	63 07 11	2 44 22.48	6 57 18	-77 27				434023
10213	MAUI, HA	9012	63 07 11	9 43 12.51	18 19 06	12 04				434013
10209	V. DLORES	9011	63 07 11	10 18 54.16	6 58 54	-75 11				434023
10220	SHIRAZ	9008	63 07 11	16 49 39.70	16 53 12	40 49				434013
10214	CURACAO	9009	63 07 12	4 30 24.20	17 30 18	20 05				434013
10218	WOOMERA	9003	63 07 12	20 02 32.07	19 07 00	-69 32				434023
10221	CURACAO	9009	63 07 13	3 02 28.23	19 35 18	17 01				434013
10216	DLFSFTN	9002	63 07 13	3 33 17.96	17 41 00	-65 38				434023
10217	DLFSFTN	9002	63 07 13	3 36 06.41	8 59 12	-74 52				434023
10231	MAUI, HA	9012	63 07 13	6 23 46.82	17 26 48	43 52				434013
10297	SFERNNDO	9004	63 07 13	21 45 43.81	19 23 00	- 3 30				434013
10215	ORGNPASS	9001	63 07 14	5 18 16.07	19 09 18	- 5 54				434013
10229	MAUI, HA	9012	63 07 14	8 58 03.55	17 44 00	22 18				434013
10223	ORGNPASS	9001	63 07 15	3 13 49.64	15 06 30	44 35				434013
10224	ORGNPASS	9001	63 07 15	3 31 01.16	17 23 30	30 04				434013
10222	CURACAO	9009	63 07 15	3 49 44.70	17 49 54	19 04				434013
10228	JUPITER	9010	63 07 15	3 50 07.98	18 51 36	- 1 58				434013
10227	MAINITAL	9006	63 07 15	14 55 39.48	18 50 18	17 12				434013
10233	SHIRAZ	9008	63 07 15	18 51 52.23	19 01 18	- 7 26				434013
10226	WOOMERA	9003	63 07 15	19 23 20.06	5 28 00	-79 04				434023
10232	SFERNNDO	9004	63 07 15	22 37 12.17	19 03 42	-13 31				434013
10225	DLFSFTN	9002	63 07 16	2 54 38.88	9 36 36	-80 04				434023
10234	SFERNNDO	9004	63 07 16	20 55 48.64	18 06 30	14 38				434013
10235	V. DLORES	9011	63 07 17	8 57 00.02	6 04 00	-75 08				434023
10238	CURACAO	9009	63 07 18	3 10 14.13	18 23 06	14 14				434013
10236	DLFSFTN	9002	63 07 18	3 44 00.63	17 28 12	-68 26				434023
10237	DLFSFTN	9002	63 07 18	3 47 34.62	8 27 12	-65 08				434023
10245	SFERNNDO	9004	63 07 18	21 56 55.67	19 12 06	-14 18				434013
10240	V. DLORES	9011	63 07 19	9 45 36.86	18 49 00	-58 33				434023
10241	V. DLORES	9011	63 07 19	9 47 45.21	7 34 00	-86 45				434023
10248	MAUI, HA	9012	63 07 20	7 44 53.18	19 38 30	- 2 42				434013
10243	WOOMERA	9003	63 07 20	19 33 40.67	7 41 00	-82 45				434023
10244	WOOMERA	9003	63 07 20	19 35 56.11	7 03 54	-52 19				434023
10242	DLFSFTN	9002	63 07 21	3 04 32.23	13 28 30	-80 52				434023
10249	MAUI, HA	9012	63 07 21	5 57 38.49	17 55 24	31 09				434013
10250	MAUI, HA	9012	63 07 21	6 07 06.62	19 06 00	15 53				434013
10251	SFERNNDO	9004	63 07 21	20 58 31.86	16 53 12	19 56				434013
10253	V. DLORES	9011	63 07 22	9 06 25.75	17 55 00	-85 52				434023
10254	V. DLORES	9011	63 07 22	9 10 03.15	7 03 06	-43 31				434023
10252	MAINITAL	9006	63 07 22	16 02 24.00	18 54 00	- 9 32				434013
10268	CURACAO	9009	63 07 23	3 20 16.01	17 40 30	3 28				434013

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10246	OLFSFTN	9002	63 07 23	3 55 57.03	14 45 00	-83 08				434023
10247	OLFSFTN	9002	63 07 23	3 59 25.95	7 55 48	-50 40				434023
10256	MAUI,HA	9012	63 07 23	6 31 19.47	15 14 30	44 54				434013
10255	WOOMERA	9003	63 07 23	18 54 42.93	6 40 42	-55 34				434023
10257	V.DLORES	9011	63 07 24	9 55 56.74	19 08 00	-57 27				434023
10258	V.DLORES	9011	63 07 24	9 58 46.49	6 23 00	-77 00				434023
10259	ORGNPASS	9001	63 07 25	4 07 51.56	19 01 30	-16 50				434013
10270	MAUI,HA	9012	63 07 25	7 51 33.79	18 28 48	- 2 40				434013
10269	V.DLORES	9011	63 07 25	8 28 02.76	6 40 42	-55 05				434023
10260	WOOMERA	9003	63 07 25	19 43 08.52	17 51 00	-79 26				434023
10261	WOOMERA	9003	63 07 25	19 44 51.45	7 20 30	-71 57				434023
10264	CURACAO	9009	63 07 26	2 38 41.18	17 48 18	4 46				434013
10262	OLFSFTN	9002	63 07 26	3 13 55.30	17 04 18	-71 48				434023
10267	SFERNNDO	9004	63 07 26	21 03 01.53	16 00 18	20 24				434013
10265	WOOMERA	9003	63 07 27	20 32 46.75	19 19 06	-54 57				434023
10266	WOOMERA	9003	63 07 27	20 36 17.70	6 12 00	-69 22				434023
10273	CURACAO	9009	63 07 29	2 01 21.40	18 41 12	- 6 40				434013
10271	OLFSFTN	9002	63 07 29	2 34 37.91	10 56 00	-79 57				434023
10272	V.DLORES	9011	63 07 29	10 09 03.31	3 52 42	-75 02				434023
10276	WOOMERA	9003	63 07 30	19 53 00.02	18 57 18	-69 21				434023
10277	WOOMERA	9003	63 07 30	19 55 06.64	6 29 30	-75 02				434023
10274	OLFSFTN	9002	63 07 31	3 24 33.58	17 57 30	-73 26				434023
10275	OLFSFTN	9002	63 07 31	3 26 51.48	8 02 48	-74 37				434023
10278	MAUI,HA	9012	63 07 31	6 14 23.24	16 46 18	24 04				434013
10287	V.DLORES	9011	63 08 01	9 28 56.23	5 57 30	-64 29				434023
10279	WOOMERA	9003	63 08 01	20 44 27.45	21 23 30	-63 22				434023
10283	WOOMERA	9003	63 08 02	19 14 20.17	6 48 00	-73 11				434023
10280	OLFSFTN	9002	63 08 03	2 45 01.39	11 30 00	-83 16				434023
10285	AREQUIPA	9007	63 08 03	10 21 11.13	8 03 06	-59 19				434023
10281	OLFSFTN	9002	63 08 05	3 34 38.99	19 32 54	-66 07				434023
10282	OLFSFTN	9002	63 08 05	3 38 10.29	6 25 00	-60 35				434023
10286	WOOMERA	9003	63 08 05	18 35 05.47	6 38 12	-49 06				434023
10288	V.DLORES	9011	63 08 06	9 39 10.54	4 02 36	-58 40				434023
10289	SHIRAZ	9008	63 08 06	16 20 58.69	17 25 24	- 7 48				434013
10292	WOOMERA	9003	63 08 07	19 24 02.99	2 05 00	-82 50				434023
10293	WOOMERA	9003	63 08 07	19 25 43.74	6 01 18	-53 59				434023
10290	OLFSFTN	9002	63 08 08	2 54 27.54	18 45 42	-75 32				434023
10291	OLFSFTN	9002	63 08 08	2 56 45.24	6 45 12	-69 55				434023
10294	MAUI,HA	9012	63 08 08	5 49 28.30	17 09 18	5 25				434013
10295	MAUI,HA	9012	63 08 08	5 58 25.03	18 14 42	-11 55				434013
10296	SFERNNDO	9004	63 08 08	20 45 11.18	15 53 48	1 23				434013
10298	CURACAO	9009	63 08 09	0 55 16.10	19 34 18	-32 05				434023
10302	WOOMERA	9003	63 08 09	20 13 34.92	21 15 36	-50 29				434023
10301	WOOMERA	9003	63 08 09	20 16 49.80	4 05 18	-40 07				434023
10308	AREQUIPA	9007	63 08 11	1 46 20.04	19 01 18	- 7 30				434013
10299	OLFSFTN	9002	63 08 11	2 15 40.43	7 13 12	-72 50				434023
10310	AREQUIPA	9007	63 08 11	9 50 55.34	7 19 30	-56 00				434023
10300	OLFSFTN	9002	63 08 11	20 32 28.70	17 02 42	5 23				434013
10305	OLFSFTN	9002	63 08 12	19 04 16.48	18 44 24	4 09				434013
10306	OLFSFTN	9002	63 08 13	3 04 58.52	21 00 36	-67 23				434023
10307	OLFSFTN	9002	63 08 13	3 07 51.63	5 11 30	-52 41				434023
10311	OLFSFTN	9002	63 08 13	17 37 51.37	20 39 36	- 2 08				434013
10315	V.DLORES	9011	63 08 14	1 07 59.40	19 07 48	6 05				434013
10316	V.DLORES	9011	63 08 14	9 06 59.35	22 28 24	-52 54				434023
10317	V.DLORES	9011	63 08 14	9 09 47.25	4 19 42	-26 37				434023
10313	OLFSFTN	9002	63 08 14	19 55 03.93	17 48 30	- 4 35				434013
10314	WOOMERA	9003	63 08 14	20 27 21.35	2 52 12	-10 52				434013
10321	WOOMERA	9003	63 08 15	10 55 59.58	19 56 42	1 40				434013
10318	OLFSFTN	9002	63 08 15	18 27 00.33	19 52 36	- 6 45				434013
10322	WOOMERA	9003	63 08 15	18 55 01.57	4 40 36	-52 54				434023
10319	OLFSFTN	9002	63 08 16	2 25 42.50	3 31 54	-78 01				434023
10320	OLFSFTN	9002	63 08 16	2 27 59.38	6 07 36	-38 40				434023
10333	V.DLORES	9011	63 08 17	0 29 11.56	19 46 48	- 0 09				434013
10334	V.DLORES	9011	63 08 17	8 28 22.60	3 54 42	-43 17				434023
10335	V.DLORES	9011	63 08 17	8 30 11.96	5 23 12	-14 30				434013
10327	WOOMERA	9003	63 08 17	11 45 34.92	18 59 18	- 3 21				434013
10323	OLFSFTN	9002	63 08 17	19 16 49.25	18 44 30	-14 20				434013
10328	WOOMERA	9003	63 08 17	19 44 44.98	23 55 18	-38 33				434023
10329	WOOMERA	9003	63 08 17	19 47 23.48	4 04 24	- 6 52				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10336	V.DLORES	9011	63 08 18	2 47 33.37	17 08 36	- 4 19				434013
10324	OLFSFTN	9002	63 08 18	3 20 06.60	5 01 54	- 4 03				434013
10330	WOMERA	9003	63 08 18	10 18 52.22	20 58 06	- 7 18				434013
10325	OLFSFTN	9002	63 08 18	17 49 39.29	21 01 12	-15 30				434013
10337	V.DLORES	9011	63 08 19	1 19 56.06	19 06 48	- 8 54				434013
10326	OLFSFTN	9002	63 08 19	1 46 46.27	6 10 18	-46 38				434023
10339	AREQUIPA	9007	63 08 19	9 17 37.84	22 07 00	-83 30				434023
10340	AREQUIPA	9007	63 08 19	9 20 28.60	6 20 30	-53 19				434023
10338	WOMERA	9003	63 08 19	12 36 16.38	18 03 54	-12 04				434013
10341	OLFSFTN	9002	63 08 19	19 55 33.67	16 05 18	6 36				434013
10342	OLFSFTN	9002	63 08 19	20 05 24.37	17 11 54	-14 57				434013
10343	CURACAO	9009	63 08 19	23 39 47.56	18 28 18	-30 39				434023
10344	CURACAO	9009	63 08 19	23 42 21.28	18 58 24	-36 08				434023
10345	V.DLORES	9011	63 08 19	23 51 56.18	20 51 06	- 9 00				434013
10346	V.DLORES	9011	63 08 20	7 49 26.67	5 27 30	-17 51				434013
10350	WOMERA	9003	63 08 20	11 07 54.53	20 10 24	-12 50				434013
10347	OLFSFTN	9002	63 08 20	18 38 37.74	19 57 30	-23 21				434023
10351	V.DLORES	9011	63 08 21	2 09 31.37	17 50 54	-13 53				434013
10348	OLFSFTN	9002	63 08 21	2 36 09.20	0 59 00	-57 00				434023
10349	OLFSFTN	9002	63 08 21	2 38 17.20	4 39 06	-23 20				434023
10353	MAUI, HA	9012	63 08 21	5 39 10.58	17 35 36	-32 03				434023
10352	WOMERA	9003	63 08 21	13 25 03.98	16 54 54	-12 21				434013
10355	AREQUIPA	9007	63 08 22	0 42 17.28	21 35 48	-39 15				434023
10356	AREQUIPA	9007	63 08 22	8 39 04.54	6 35 00	-61 51				434023
10360	WOMERA	9003	63 08 22	11 57 54.01	19 07 54	-21 43				434013
10357	OLFSFTN	9002	63 08 22	19 27 54.69	18 19 12	-29 30				434023
10361	WOMERA	9003	63 08 22	19 54 39.64	23 18 48	-12 40				434013
10362	AREQUIPA	9007	63 08 23	3 00 00.67	16 51 54	-45 28				434023
10358	OLFSFTN	9002	63 08 23	3 25 32.98	22 34 42	-23 37				434023
10359	OLFSFTN	9002	63 08 23	3 29 55.33	3 10 12	14 30				434013
10369	WOMERA	9003	63 08 23	10 30 00.75	21 16 24	-18 59				434013
10363	OLFSFTN	9002	63 08 23	18 00 38.84	21 16 12	-29 00				434023
10373	AREQUIPA	9007	63 08 24	1 30 50.29	19 46 48	-50 37				434023
10378	V.DLORES	9011	63 08 24	1 31 53.75	19 13 36	-26 51				434023
10364	OLFSFTN	9002	63 08 24	1 57 50.96	5 14 12	-23 04				434023
10374	AREQUIPA	9007	63 08 24	9 28 07.98	22 58 12	-63 40				434023
10379	V.DLORES	9011	63 08 24	9 30 20.86	1 45 48	18 10				434013
10375	AREQUIPA	9007	63 08 24	9 31 26.42	4 51 24	-31 19				434023
10365	OLFSFTN	9002	63 08 24	20 18 34.98	17 10 36	-34 41				434023
10376	CURACAO	9009	63 08 24	23 36 01.64	16 08 18	-10 51				434013
10377	CURACAO	9009	63 08 24	23 45 02.21	17 07 48	-28 35				434023
10380	V.DLORES	9011	63 08 25	0 03 31.35	21 20 06	-21 58				434013
10370	WOMERA	9003	63 08 25	11 19 48.64	20 38 54	-29 46				434023
10366	OLFSFTN	9002	63 08 25	18 49 15.23	19 36 24	-38 06				434023
10371	WOMERA	9003	63 08 25	19 15 43.09	1 28 24	- 1 30				434013
10372	WOMERA	9003	63 08 25	19 17 20.32	3 20 30	15 05				434013
10382	V.DLORES	9011	63 08 26	2 20 12.85	17 24 36	-24 19				434023
10381	AREQUIPA	9007	63 08 26	2 21 38.17	18 04 00	-60 00				434023
10368	OLFSFTN	9002	63 08 26	2 49 21.40	3 39 30	12 22				434013
10383	V.DLORES	9011	63 08 27	0 53 45.48	20 53 36	-34 20				434023
10384	V.DLORES	9011	63 08 27	8 49 02.05	1 11 00	10 02				434013
10385	V.DLORES	9011	63 08 27	8 50 55.27	3 06 12	25 06				434013
10387	WOMERA	9003	63 08 27	12 09 18.44	19 03 36	-38 10				434023
10386	OLFSFTN	9002	63 08 27	19 40 05.49	18 18 06	-48 25				434023
10389	WOMERA	9003	63 08 27	20 07 13.01	1 09 30	23 23				434013
10390	OLFSFTN	9002	63 08 28	18 12 52.28	22 23 54	-43 36				434023
10392	WOMERA	9003	63 08 28	18 37 16.97	4 07 54	15 26				434013
10396	V.DLORES	9011	63 08 29	1 42 02.55	18 33 18	-37 14				434023
10393	AREQUIPA	9007	63 08 29	1 43 41.11	21 12 54	-68 30				434023
10391	OLFSFTN	9002	63 08 29	2 08 00.45	3 26 42	- 0 03				434013
10394	AREQUIPA	9007	63 08 29	9 38 39.68	23 12 06	-33 49				434023
10395	AREQUIPA	9007	63 08 29	9 42 51.98	3 52 48	11 53				434013
10398	AREQUIPA	9007	63 08 30	8 10 46.72	6 03 30	-25 21				434023
10408	WOMERA	9003	63 08 30	11 31 24.36	21 18 48	-45 28				434023
10399	OLFSFTN	9002	63 08 30	19 02 16.32	21 03 54	-58 43				434023
10409	WOMERA	9003	63 08 30	19 26 22.48	1 00 00	21 18				434013
10400	OLFSFTN	9002	63 08 31	2 57 38.14	0 27 30	12 25				434013
10401	OLFSFTN	9002	63 08 31	2 59 31.15	2 08 54	29 10				434013
10403	V.DLORES	9011	63 09 01	1 04 57.18	21 24 36	-48 25				434023
10405	V.DLORES	9011	63 09 01	8 59 57.05	1 03 06	28 30				434013
10411	AREQUIPA	9007	63 09 01	9 02 20.64	4 32 42	8 58				434013
10404	V.DLORES	9011	63 09 01	9 02 43.82	3 06 30	42 10				434013
10402	WOMERA	9003	63 09 01	12 21 00.57	19 18 24	-54 16				434023
10406	OLFSFTN	9002	63 09 01	19 51 55.86	18 18 24	-63 03				434023
10413	MAUI, HA	9012	63 09 02	15 09 44.35	5 43 42	-40 54				434023
10410	WOMERA	9003	63 09 02	18 48 11.97	3 20 42	35 16				434013
10407	OLFSFTN	9002	63 09 03	2 19 06.55	2 38 48	30 02				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10412	AREQUIPA	9007	63 09 03	9 53 10.89	2 17 54	31 21				434013
10415	WOOMERA	9003	63 09 03	13 10 28.10	17 21 30	-48 39				434023
10414	OLFSFTN	9002	63 09 03	16 43 22.26	19 00 42	-25 48				434023
10418	WOOMERA	9003	63 09 04	11 41 44.40	21 12 42	-56 32				434023
10416	OLFSFTN	9002	63 09 04	18 55 53.93	15 41 48	-13 14				434013
10417	OLFSFTN	9002	63 09 04	19 13 17.40	21 36 42	-69 13				434023
10420	V.DLORES	9011	63 09 06	1 16 25.83	22 36 18	-58 18				434023
10419	CURACAO	9009	63 09 06	9 20 51.58	6 54 18	11 08				434013
10426	WOOMERA	9003	63 09 06	12 31 49.19	19 04 48	-62 45				434023
10423	OLFSFTN	9002	63 09 06	20 02 25.20	17 35 18	-66 34				434023
10427	WOOMERA	9003	63 09 07	11 02 20.38	22 35 06	-52 07				434023
10422	ORGNPASS	9001	63 09 07	11 35 40.38	5 40 24	-35 14				434023
10428	WOOMERA	9003	63 09 08	9 30 00.55	21 47 12	-36 48				434023
10429	WOOMERA	9003	63 09 08	13 21 37.54	17 19 42	-54 39				434023
10424	OLFSFTN	9002	63 09 08	16 53 42.39	18 38 30	-36 41				434023
10425	OLFSFTN	9002	63 09 08	20 51 59.99	16 31 06	-54 09				434023
10430	SFERNNDO	9004	63 09 09	5 00 20.66	7 09 12	- 4 40				434013
10431	AREQUIPA	9007	63 09 09	8 32 39.88	3 49 42	34 50				434013
10433	WOOMERA	9003	63 09 09	11 40 22.58	16 11 36	-24 16				434023
10434	WOOMERA	9003	63 09 09	11 53 19.66	22 41 18	-64 17				434023
10432	OLFSFTN	9002	63 09 09	19 24 02.37	22 05 24	-75 41				434023
10435	MAUI,HA	9012	63 09 10	14 44 03.27	6 53 24	2 09				434013
10438	JUPITER	9010	63 09 11	9 26 00.01	5 04 54	-38 52				434023
10436	CURACAO	9009	63 09 11	9 30 54.16	6 04 06	29 34				434013
10437	WOOMERA	9003	63 09 11	12 42 48.12	19 13 24	-68 35				434023
10439	SHIRAZ	9008	63 09 12	0 28 35.36	5 43 00	-30 32				434023
10440	ORGNPASS	9001	63 09 12	11 48 33.58	6 01 18	-10 46				434013
10441	OLFSFTN	9002	63 09 12	18 45 30.25	1 00 24	-62 36				434023
10446	WOOMERA	9003	63 09 13	9 33 38.40	18 45 36	-38 24				434023
10447	WOOMERA	9003	63 09 13	9 38 06.16	20 51 24	-45 20				434023
10461	MAUI	9012	63 09 13	13 56 53.00	4 18 00	-50 57				434023
10462	MAUI,HA	9012	63 09 13	14 02 42.62	6 48 48	- 4 20				434013
10444	OLFSFTN	9002	63 09 13	17 00 06.35	17 05 18	-35 23				434023
10458	V.DLORES	9011	63 09 14	0 29 35.32	15 51 12	-20 54				434013
10449	S. F.	9004	63 09 14	5 06 29.84	5 34 30	-16 00				434013
10454	CURACAO	9009	63 09 14	8 43 37.80	1 59 12	-35 46				434023
10457	JUPITER	9010	63 09 14	8 45 58.67	5 33 18	-35 53				434023
10455	CURACAO	9009	63 09 14	8 50 15.14	6 29 36	26 15				434013
10456	JUPITER	9010	63 09 14	8 50 17.31	6 55 48	- 7 06				434013
10448	WOOMERA	9003	63 09 14	13 31 38.18	17 11 06	-52 07				434023
10445	OLFSFTN	9002	63 09 14	19 34 11.86	21 05 30	-78 58				434023
10459	V.DLORES	9011	63 09 14	23 09 05.81	19 33 12	-44 38				434023
10452	SHIRAZ	9008	63 09 14	23 48 44.42	6 06 36	-26 23				434023
10453	SHIRAZ	9008	63 09 14	23 52 24.51	7 06 42	- 5 00				434013
10460	V.DLORES	9011	63 09 15	3 04 58.53	17 18 48	-50 12				434023
10450	AREQUIPA	9007	63 09 15	3 05 46.99	16 00 00	-76 08				434023
10442	ORGNPASS	9001	63 09 15	11 04 02.87	4 37 18	-37 27				434023
10443	ORGNPASS	9001	63 09 15	11 12 42.55	7 37 42	10 43				434013
10463	MAUI,HA	9012	63 09 15	14 56 35.17	7 17 42	28 32				434013
10464	V.DLORES	9011	63 09 16	1 36 58.15	22 32 00	-68 42				434023
10465	WOOMERA	9003	63 09 16	12 53 12.62	18 56 24	-68 12				434023
10469	OLFSFTN	9002	63 09 17	18 55 52.41	1 24 24	-65 07				434023
10468	NAINITAL	9006	63 09 17	23 19 32.14	7 54 48	28 05				434013
10470	V.DLORES	9011	63 09 18	2 26 40.98	19 07 00	-66 18				434023
10471	WOOMERA	9003	63 09 18	9 36 47.09	16 32 42	-29 31				434023
10472	WOOMERA	9003	63 09 18	9 43 03.22	18 03 54	-44 28				434023
10473	WOOMERA	9003	63 09 18	9 49 59.04	21 58 48	-52 49				434023
10476	V.DLORES	9011	63 09 19	0 58 32.60	1 01 06	-53 10				434023
10474	SFERNNDO	9004	63 09 19	5 15 24.42	4 22 00	-12 37				434013
10479	JUPITER	9010	63 09 19	9 01 49.75	7 07 42	11 57				434013
10477	WOOMERA	9003	63 09 19	12 14 18.59	23 01 48	-69 46				434023
10480	OLFSFTN	9002	63 09 19	19 44 33.10	20 14 00	-78 49				434023
10489	SHIRAZ	9008	63 09 19	23 56 10.21	4 09 18	-38 34				434023
10490	SHIRAZ	9008	63 09 19	23 58 58.53	5 34 42	-17 43				434013
10491	SHIRAZ	9008	63 09 20	0 03 13.85	7 10 18	8 53				434013
10481	AREQUIPA	9007	63 09 20	3 15 38.71	16 18 54	-70 24				434023
10482	V.DLORES	9011	63 09 20	3 15 48.19	17 43 48	-48 35				434023
10478	SFERNNDO	9004	63 09 20	3 43 39.10	5 15 30	-29 22				434023
10483	ORGNPASS	9001	63 09 20	11 23 24.97	7 44 30	23 28				434013
10487	NAINITAL	9006	63 09 20	22 28 10.34	3 14 18	-36 14				434023
10488	AREQUIPA	9007	63 09 21	1 47 38.56	2 36 42	-75 09				434023
10484	ORGNPASS	9001	63 09 21	9 47 51.26	6 42 36	- 8 49				434013
10492	MAUI,HA	9012	63 09 21	13 29 56.11	5 29 48	-11 57				434013
10493	MAUI,HA	9012	63 09 21	13 33 56.08	7 10 12	16 43				434013
10485	OLFSFTN	9002	63 09 21	20 34 19.57	17 38 42	-65 02				434023

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10486	WOCMERA	9003	63 09 22	11 35 52.31	1 22 00	-52 10				434023
10501	SHIRAZ	9008	63 09 22	23 17 52.70	5 33 18	-23 26				434023
10498	NAINITAL	9006	63 09 22	23 28 50.39	7 28 36	38 51				434013
10499	AREQUIPA	9007	63 09 23	2 33 40.01	16 14 00	-68 54				434023
10500	AREQUIPA	9007	63 09 23	2 37 09.99	19 08 00	-86 16				434023
10494	CURACAO	9009	63 09 23	6 48 19.31	6 57 12	13 41				434013
10495	WOCMERA	9003	63 09 23	9 52 09.84	17 17 36	-47 01				434023
10503	MAUI, HA	9012	63 09 23	14 19 07.09	2 35 48	-4 52				434013
10504	MAUI, HA	9012	63 09 23	14 26 39.65	7 31 18	41 56				434013
10512	TOKYO	9005	63 09 23	18 04 33.20	4 11 00	-31 56				434023
10513	TOKYO	9005	63 09 23	18 12 24.50	7 26 00	13 10				434013
10496	NAINITAL	9006	63 09 23	21 49 32.25	4 42 36	-25 25				434023
10497	NAINITAL	9006	63 09 23	21 55 40.91	7 21 30	15 10				434013
10505	AREQUIPA	9007	63 09 24	1 06 56.62	2 01 30	-70 53				434023
10507	CURACAO	9009	63 09 24	9 05 38.11	0 38 54	20 44				434023
10506	WOCMERA	9003	63 09 24	12 24 22.70	21 59 48	-68 38				434023
10509	MAUI, HA	9012	63 09 24	12 50 46.92	6 21 48	-1 57				434013
10514	SHIRAZ	9008	63 09 25	0 06 47.54	3 18 12	-23 55				434023
10508	CURACAO	9009	63 09 25	7 37 01.25	5 05 48	28 25				434013
10515	MAUI, HA	9012	63 09 25	15 15 26.74	4 57 24	54 43				434013
10511	OLFSFTN	9002	63 09 25	18 27 11.95	2 00 30	-51 36				434023
10516	AREQUIPA	9007	63 09 26	1 58 06.03	2 27 00	-76 33				434023
10517	ORGNPASS	9001	63 09 26	9 55 16.08	5 21 12	-17 35				434013
10519	WOCMERA	9003	63 09 26	13 13 29.91	18 43 36	-55 09				434023
10520	NAINITAL	9006	63 09 26	21 10 26.00	5 41 00	-15 23				434013
10522	SHIRAZ	9008	63 09 27	0 56 39.46	1 39 24	-9 22				434013
10523	CURACAO	9009	63 09 27	8 27 02.20	1 56 36	42 32				434013
10524	CURACAO	9009	63 09 27	8 32 11.90	6 46 00	62 17				434013
10526	MAUI, HA	9012	63 09 27	12 11 55.39	6 56 54	6 19				434013
10532	OLFSFTN	9002	63 09 27	19 15 42.90	23 56 48	-71 57				434023
10528	NAINITAL	9006	63 09 27	23 32 57.87	3 12 00	26 23				434013
10535	SFERNNDO	9004	63 09 28	3 13 06.49	4 44 30	-24 30				434023
10536	SFERNNDO	9004	63 09 28	3 19 14.13	7 17 30	11 12				434013
10527	MAUI, HA	9012	63 09 28	14 36 52.93	7 15 42	56 10				434013
10525	V. DLORES	9011	63 09 29	1 18 20.12	0 00 54	-56 47				434023
10530	ORGNPASS	9001	63 09 29	9 16 11.08	6 08 42	-8 39				434013
10531	ORGNPASS	9001	63 09 29	9 19 17.21	7 13 06	8 10				434013
10534	WOCMERA	9003	63 09 29	12 34 24.00	20 55 24	-62 05				434023
10533	OLFSFTN	9002	63 09 29	20 05 29.69	19 46 18	-68 09				434023
10538	NAINITAL	9006	63 09 29	20 32 09.50	6 39 06	-1 18				434013
10540	SHIRAZ	9008	63 09 30	0 17 11.38	2 19 18	-5 18				434013
10537	SFERNNDO	9004	63 09 30	4 02 56.23	3 11 42	-16 11				434013
10542	WOCMERA	9003	63 09 30	11 06 43.03	1 36 00	-39 25				434023
10541	ORGNPASS	9001	63 09 30	11 33 34.00	1 29 36	-5 46				434013
10543	MAUI, HA	9012	63 09 30	15 22 51.07	1 51 24	45 33				434013
10544	MAUI, HA	9012	63 09 30	15 29 21.66	7 12 48	67 16				434013
10550	SHIRAZ	9008	63 09 30	22 49 29.57	6 09 36	1 33				434013
10548	NAINITAL	9006	63 09 30	22 49 33.55	1 46 06	2 17				434013
10551	SHIRAZ	9008	63 09 30	22 52 25.26	7 19 54	16 50				434013
10549	NAINITAL	9006	63 09 30	22 59 14.17	8 07 36	47 29				434013
10547	SFERNNDO	9004	63 10 01	2 34 46.59	5 54 54	-11 00				434013
10545	ORGNPASS	9001	63 10 01	10 05 33.67	4 42 48	-3 15				434013
10546	ORGNPASS	9001	63 10 01	10 12 00.46	7 55 48	28 09				434013
10554	MAUI, HA	9012	63 10 01	13 50 40.40	3 05 36	35 12				434013
10552	SHIRAZ	9008	63 10 02	1 18 24.38	8 16 48	53 38				434013
10553	NAINITAL	9006	63 10 02	23 42 00.38	1 53 42	27 13				434013
10555	NAINITAL	9006	63 10 02	23 46 10.75	4 24 36	52 57				434013
10557	ORGNPASS	9001	63 10 03	10 54 51.70	2 26 54	4 32				434013
10576	V. DLORES	9011	63 10 04	1 28 37.85	23 16 48	-51 07				434023
10558	ORGNPASS	9001	63 10 04	9 26 47.26	6 04 30	7 15				434013
10563	WOCMERA	9003	63 10 04	12 44 10.24	20 01 18	-50 02				434023
10561	OLFSFTN	9002	63 10 04	20 15 48.02	19 38 36	-55 41				434023
10569	NAINITAL	9006	63 10 04	20 43 16.57	6 58 36	16 39				434013
10575	JUPITER	9010	63 10 05	7 58 45.24	5 50 06	28 09				434013
10574	CURACAO	9009	63 10 05	7 59 40.69	3 56 54	71 24				434013
10559	ORGNPASS	9001	63 10 05	11 44 19.59	1 13 24	9 25				434013
10560	ORGNPASS	9001	63 10 05	11 54 44.38	7 53 30	53 49				434013
10562	OLFSFTN	9002	63 10 05	18 47 21.76	1 14 12	-52 00				434023
10570	NAINITAL	9006	63 10 05	23 00 34.10	1 26 48	21 28				434013
10582	SHIRAZ	9008	63 10 05	23 00 46.72	6 27 06	25 00				434013
10577	V. DLORES	9011	63 10 06	2 17 23.20	19 57 36	-42 51				434023
10565	SFERNNDO	9004	63 10 06	2 45 40.65	6 00 24	5 21				434013
10564	WOCMERA	9003	63 10 06	13 33 28.59	18 56 54	-32 02				434023
10573	NAINITAL	9006	63 10 06	21 36 51.42	8 08 12	39 53				434013
10567	SFERNNDO	9004	63 10 07	5 03 24.81	1 39 42	9 00				434013
10578	ORGNPASS	9001	63 10 07	8 48 09.26	7 02 48	13 55				434013
10584	JUPITER	9010	63 10 07	8 53 16.88	7 40 30	54 15				434013

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10580	OLFSFTN	9002	63 10 07	19 36 26.71	21 44 06	-58 46				434023
10590	MAINITAL	9006	63 10 07	20 03 50.16	7 22 24	17 16				434013
10593	SHIRAZ	9008	63 10 07	23 49 11.67	3 14 12	32 04				434013
10594	V.DLORES	9011	63 10 08	3 07 12.49	19 17 30	-25 27				434023
10589	WOOMERA	9003	63 10 08	10 36 59.87	1 24 24	-29 24				434023
10586	ORGNPASS	9001	63 10 08	11 05 20.86	1 49 24	20 20				434013
10587	ORGNPASS	9001	63 10 08	11 15 27.41	8 57 24	48 53				434013
10588	OLFSFTN	9002	63 10 08	18 07 15.10	1 24 12	-44 30				434023
10591	MAINITAL	9006	63 10 08	22 21 24.35	2 19 54	34 58				434013
10592	MAINITAL	9006	63 10 08	22 27 17.33	7 41 48	55 02				434013
10599	V.DLORES	9011	63 10 09	1 36 53.72	20 31 48	-46 21				434023
10597	AREQUIPA	9007	63 10 09	1 39 04.59	1 08 00	-67 31				434023
10595	ORGNPASS	9001	63 10 09	9 37 14.75	5 52 48	26 22				434013
10598	JUPITER	9010	63 10 09	9 37 14.80	0 55 54	30 51				434013
10596	WOOMERA	9003	63 10 09	12 54 18.80	19 50 12	-34 50				434023
10600	MAUI,HA	9012	63 10 09	13 22 29.43	4 43 54	63 45				434013
10601	MAUI,HA	9012	63 10 09	13 26 31.21	8 30 24	58 58				434013
10604	MAINITAL	9006	63 10 09	20 53 48.48	7 09 36	33 22				434013
10611	V.DLORES	9011	63 10 10	0 01 33.45	19 04 54	-58 21				434023
10612	V.DLORES	9011	63 10 10	0 05 11.24	22 07 42	-55 47				434023
10606	AREQUIPA	9007	63 10 10	0 09 13.47	2 07 42	-48 37				434023
10607	SHIRAZ	9008	63 10 10	0 38 55.30	1 26 06	31 45				434013
10622	SFERNNDO	9004	63 10 10	4 24 26.58	2 21 30	19 05				434013
10608	JUPITER	9010	63 10 10	8 09 08.41	5 13 30	49 14				434013
10609	JUPITER	9010	63 10 10	8 11 32.22	7 22 18	51 02				434013
10602	WOOMERA	9003	63 10 10	11 26 11.65	0 08 48	-36 21				434023
10627	SHIRAZ	9008	63 10 10	23 10 41.28	5 49 54	42 47				434013
10605	MAINITAL	9006	63 10 10	23 12 36.76	1 46 54	42 22				434013
10603	SFERNNDO	9004	63 10 11	2 56 05.84	5 52 12	21 53				434013
10618	WOOMERA	9003	63 10 11	9 51 07.50	22 39 30	-55 12				434023
10619	WOOMERA	9003	63 10 11	9 54 14.03	0 23 18	-40 15				434023
10613	ORGNPASS	9001	63 10 11	10 26 25.33	3 09 42	35 15				434013
10614	ORGNPASS	9001	63 10 11	10 32 10.47	8 05 18	48 51				434013
10630	MAUI,HA	9012	63 10 11	14 11 44.28	0 56 48	55 36				434013
10636	TOKYO	9005	63 10 11	17 57 12.70	3 40 18	27 16				434013
10625	MAINITAL	9006	63 10 11	21 42 51.97	4 51 42	50 29				434013
10626	MAINITAL	9006	63 10 11	21 46 05.38	7 47 12	51 52				434013
10628	SHIRAZ	9008	63 10 12	1 32 18.14	2 23 42	50 34				434013
10620	WOOMERA	9003	63 10 12	12 15 42.98	21 44 18	-31 24				434023
10631	MAUI,HA	9012	63 10 12	12 44 13.87	7 52 30	57 46				434013
10651	TOKYO	9005	63 10 12	16 29 33.90	7 15 54	22 24				434013
10617	OLFSFTN	9002	63 10 12	19 46 54.92	21 04 48	-41 00				434023
10629	SHIRAZ	9008	63 10 12	23 59 24.29	2 09 00	43 32				434013
10635	SFERNNDO	9004	63 10 13	3 44 48.41	3 09 30	26 10				434013
10621	WOOMERA	9003	63 10 13	10 47 27.71	1 07 54	-21 02				434013
10616	ORGNPASS	9001	63 10 13	11 15 25.51	1 14 54	27 48				434013
10633	OLFSFTN	9002	63 10 13	18 17 07.77	0 35 42	-42 43				434023
10637	MAINITAL	9006	63 10 13	22 31 29.19	1 26 06	41 18				434013
10639	SHIRAZ	9008	63 10 13	22 31 32.72	7 18 24	39 56				434013
10638	AREQUIPA	9007	63 10 14	1 48 54.13	22 49 18	-65 39				434023
10623	SFERNNDO	9004	63 10 14	2 16 57.88	6 58 42	23 24				434013
10624	SFERNNDO	9004	63 10 14	2 19 53.44	8 12 00	28 00				434013
10632	ORGNPASS	9001	63 10 14	9 47 24.98	5 18 54	44 12				434013
10634	WOOMERA	9003	63 10 14	13 04 41.30	19 50 48	-18 34				434013
10640	MAUI,HA	9012	63 10 14	13 32 41.94	2 48 12	71 45				434013
10641	MAUI,HA	9012	63 10 14	13 37 14.19	9 00 00	66 17				434013
10647	V.DLORES	9011	63 10 15	0 20 39.31	0 51 42	-16 30				434013
10645	AREQUIPA	9007	63 10 15	0 20 54.56	2 17 18	-38 03				434023
10642	SFERNNDO	9004	63 10 15	4 34 17.36	1 42 54	25 00				434013
10646	CURACAO	9009	63 10 15	8 19 51.85	0 12 30	70 36				434013
10649	WOOMERA	9003	63 10 15	11 36 58.06	23 36 42	-19 15				434013
10648	ORGNPASS	9001	63 10 15	12 10 44.92	3 35 42	55 52				434013
10653	SHIRAZ	9008	63 10 15	23 21 06.85	5 22 30	58 39				434013
10654	SHIRAZ	9008	63 10 15	23 25 39.28	8 57 18	50 59				434013
10655	V.DLORES	9011	63 10 16	2 38 17.82	20 01 36	-10 07				434013
10652	AREQUIPA	9007	63 10 16	2 38 25.29	19 43 06	-48 28				434023
10650	SFERNNDO	9004	63 10 16	3 06 39.00	5 49 12	38 43				434013
10658	WOOMERA	9003	63 10 16	10 00 51.15	21 47 36	-53 11				434023
10659	MAUI,HA	9012	63 10 16	14 22 14.17	0 28 24	57 47				434013
10657	OLFSFTN	9002	63 10 16	17 38 52.93	1 34 12	-23 05				434023
10662	AREQUIPA	9007	63 10 17	1 10 12.11	1 10 24	-49 50				434023
10660	SFERNNDO	9004	63 10 17	5 29 24.76	4 07 30	50 31				434013
10661	WOOMERA	9003	63 10 17	12 25 57.30	21 03 42	-12 29				434013
10681	MAUI,HA	9012	63 10 17	12 54 24.35	7 59 24	69 52				434013
10682	MAUI,HA	9012	63 10 17	12 56 15.56	9 09 24	62 46				434013
10663	OLFSFTN	9002	63 10 17	19 56 59.68	20 24 18	-21 02				434013
10673	AREQUIPA	9007	63 10 17	23 35 19.24	0 12 30	-62 35				434023
10674	SHIRAZ	9008	63 10 18	0 10 09.45	1 45 42	52 47				434013
10669	SFERNNDO	9004	63 10 18	3 55 40.92	3 01 54	41 08				434013
10678	CURACAO	9009	63 10 18	7 41 16.93	4 12 00	85 15				434013
10679	CURACAO	9009	63 10 18	7 43 16.85	9 19 00	79 21				434013

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10667	WOOMERA	9003	63 10 18	10 57 42.00	0 33 00	- 9 54				434013
10665	ORGNPASS	9001	63 10 18	11 26 09.78	1 11 54	36 06				434013
10666	OLFSFTN	9002	63 10 18	18 28 10.19	0 09 12	-26 01				434023
10675	SHIRAZ	9008	63 10 18	22 41 50.97	7 27 24	53 58				434013
10676	SHIRAZ	9008	63 10 18	22 44 50.30	9 00 06	46 56				434013
10680	V.DLORES	9011	63 10 19	1 58 53.46	20 44 24	- 6 37				434013
10668	WOOMERA	9003	63 10 19	13 15 13.25	19 56 30	- 3 27				434013
10671	MAINITAL	9006	63 10 19	21 13 53.56	6 41 12	62 28				434013
10672	MAINITAL	9006	63 10 19	21 17 44.52	9 14 00	50 54				434013
10685	V.DLORES	9011	63 10 20	0 30 59.15	0 14 12	- 2 49				434013
10677	SHIRAZ	9008	63 10 20	0 59 20.42	0 52 12	39 11				434013
10670	SFERNNDO	9004	63 10 20	4 44 48.23	1 38 00	32 02				434013
10683	ORGNPASS	9001	63 10 20	12 18 03.09	1 52 18	41 33				434013
10684	ORGNPASS	9001	63 10 20	12 21 18.57	3 43 18	56 27				434013
10691	SHIRAZ	9008	63 10 20	23 31 26.57	4 33 12	67 46				434013
10688	V.DLORES	9011	63 10 21	2 48 28.38	19 58 30	1 45				434013
10687	AREQUIPA	9007	63 10 21	2 48 59.70	19 42 06	-28 20				434023
10686	SFERNNDO	9004	63 10 21	3 16 40.05	5 10 36	50 12				434013
10689	WOOMERA	9003	63 10 21	10 08 32.29	19 36 18	-49 57				434023
10690	ORGNPASS	9001	63 10 21	10 48 41.13	3 23 06	60 44				434013
10694	V.DLORES	9011	63 10 22	1 20 38.88	22 24 24	7 59				434013
10692	SFERNNDO	9004	63 10 22	5 36 34.81	2 18 24	37 15				434013
10693	SFERNNDO	9004	63 10 22	5 40 54.02	5 01 54	52 50				434013
10698	JUPITER	9010	63 10 22	9 19 07.56	0 55 24	54 13				434013
10695	WOOMERA	9003	63 10 22	12 36 13.96	20 39 24	3 40				434013
10699	MAUI, HA	9012	63 10 22	13 04 35.97	7 53 48	78 31				434013
10700	MAUI, HA	9012	63 10 22	13 06 45.79	9 38 48	68 11				434013
10806	TOKYO	9005	63 10 22	16 49 28.50	7 13 48	46 06				434013
10704	AREQUIPA	9007	63 10 22	23 42 11.98	20 34 54	-68 54				434023
10705	SHIRAZ	9008	63 10 23	0 20 05.20	1 10 12	51 47				434013
10696	SFERNNDO	9004	63 10 23	4 05 24.68	2 11 48	42 33				434013
10701	ORGNPASS	9001	63 10 23	11 36 14.03	1 06 00	37 22				434013
10702	OLFSFTN	9002	63 10 23	18 38 43.71	23 13 18	- 5 33				434013
10703	TOKYO	9005	63 10 23	19 07 28.60	1 42 12	37 42				434013
10707	AREQUIPA	9007	63 10 24	2 09 38.03	20 32 54	-28 17				434023
10709	SFERNNDO	9004	63 10 24	2 38 02.02	7 36 12	46 25				434013
10708	ORGNPASS	9001	63 10 24	10 08 44.35	5 02 30	65 56				434013
10716	TOKYO	9005	63 10 24	17 38 41.50	4 30 00	57 04				434013
10712	AREQUIPA	9007	63 10 25	0 41 32.20	1 11 24	-24 00				434023
10710	SFERNNDO	9004	63 10 25	4 54 56.88	1 35 54	34 08				434013
10720	JUPITER	9010	63 10 25	8 39 51.56	1 45 24	68 43				434013
10722	MAUI, HA	9012	63 10 25	12 25 34.88	9 39 12	65 49				434013
10714	OLFSFTN	9002	63 10 25	19 28 12.96	21 00 54	4 52				434013
10719	SHIRAZ	9008	63 10 25	23 41 23.34	3 04 12	69 37				434013
10717	MAINITAL	9006	63 10 25	23 49 35.42	6 15 12	64 25				434013
10721	JUPITER	9010	63 10 26	7 12 02.31	9 07 42	57 47				434013
10713	ORGNPASS	9001	63 10 26	10 57 26.47	1 43 24	52 08				434013
10715	OLFSFTN	9002	63 10 26	17 58 38.31	23 50 30	- 4 04				434013
10729	SFERNNDO	9004	63 10 27	1 59 15.50	8 40 48	38 08				434013
10723	ORGNPASS	9001	63 10 27	9 29 44.52	8 00 18	60 09				434013
10733	MAUI, HA	9012	63 10 27	13 14 57.00	7 26 24	83 16				434013
10726	SHIRAZ	9008	63 10 28	0 30 20.17	1 08 06	51 45				434013
10724	SFERNNDO	9004	63 10 28	4 15 50.18	2 12 00	45 32				434013
10732	CURACAO	9009	63 10 28	8 05 04.28	10 07 00	81 04				434013
10728	WOOMERA	9003	63 10 28	11 18 48.28	23 08 36	25 29				434013
10727	ORGNPASS	9001	63 10 28	12 02 35.75	10 19 54	36 10				434013
10734	SHIRAZ	9008	63 10 28	23 02 30.36	7 31 30	70 31				434013
10731	MAINITAL	9006	63 10 28	23 02 35.11	1 09 24	48 11				434013
10730	SFERNNDO	9004	63 10 29	2 47 45.31	7 12 42	54 53				434013
10735	ORGNPASS	9001	63 10 29	10 18 22.40	3 25 06	66 13				434013
10736	JUPITER	9010	63 10 29	10 26 58.82	6 45 12	64 32				434013
10738	MAUI, HA	9012	63 10 29	14 03 36.18	0 28 30	69 06				434013
10737	MAINITAL	9006	63 10 29	21 34 29.16	5 37 36	74 52				434013
10744	JUPITER	9010	63 10 30	8 50 15.61	1 37 30	68 00				434013
10739	ORGNPASS	9001	63 10 30	8 50 22.48	9 01 00	50 05				434013
10741	TOKYO	9005	63 10 30	16 21 15.10	8 50 54	43 05				434013
10749	SHIRAZ	9008	63 10 30	23 52 01.62	3 08 12	70 32				434013
10742	MAINITAL	9006	63 10 30	23 56 15.65	3 17 18	53 55				434013
10743	MAINITAL	9006	63 10 31	0 01 37.79	7 22 12	56 26				434013
10740	SFERNNDO	9004	63 10 31	3 37 08.69	4 19 06	59 00				434013
10747	ORGNPASS	9001	63 10 31	11 07 28.29	1 40 06	49 54				434013
10746	ORGNPASS	9001	63 10 31	11 17 42.00	9 42 24	44 45				434013
10751	TOKYO	9005	63 10 31	18 39 13.30	3 00 48	52 25				434013
10748	MAINITAL	9006	63 10 31	22 23 15.72	1 33 12	60 05				434013
10752	AREQUIPA	9007	63 11 01	1 40 59.77	21 02 24	2 46				434013
10750	OLFSFTN	9002	63 11 02	19 00 07.68	21 38 00	33 08				434013
10753	ORGNPASS	9001	63 11 03	10 28 47.98	3 24 24	65 04				434013

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10756	MAUI,HA	9012	63 11 03	14 13 55.24	0 48 00	66 38				434C13
10757	TOKYO	9005	63 11 03	17 59 18.60	3 57 24	59 34				434C13
10758	TOKYO	9005	63 11 03	18 09 03.50	10 06 36	32 05				434C13
10754	MAINITAL	9006	63 11 03	21 47 27.95	8 45 12	64 33				434C13
10759	AREQUIPA	9007	63 11 04	1 02 40.18	22 56 36	22 33				434C13
10755	CURACAO	9009	63 11 04	1 02 40.62	22 16 42	-55 13				434C23
10760	ORGNPASS	9001	63 11 04	9 00 41.66	9 12 00	53 22				434C13
10761	MAUI,HA	9012	63 11 04	12 45 52.64	10 05 00	75 30				434C13
10762	MAUI,HA	9012	63 11 04	12 49 00.57	10 36 48	59 07				434C13
10763	ORGNPASS	9001	63 11 05	11 18 18.38	2 20 12	50 07				434C13
10766	MAUI,HA	9012	63 11 05	15 20 13.10	10 32 42	37 10				434C13
10764	MAINITAL	9006	63 11 05	22 34 17.20	2 26 48	60 50				434C13
10765	MAINITAL	9006	63 11 05	22 48 48.27	10 40 18	27 43				434C13
10767	ORGNPASS	9001	63 11 06	9 50 17.13	7 33 18	65 30				434C13
10768	MAINITAL	9006	63 11 06	21 05 59.39	8 53 36	65 52				434C13
10770	CURACAO	9009	63 11 07	0 23 09.63	23 38 00	-51 22				434C23
10772	JUPITER	9010	63 11 07	8 21 59.99	5 45 00	76 34				434C13
10771	WOCHERA	9003	63 11 07	11 37 21.74	20 45 24	31 12				434C13
10775	SHIRAZ	9008	63 11 07	23 23 17.78	6 45 18	71 53				434C13
10777	JUPITER	9010	63 11 08	6 54 27.49	10 12 24	48 41				434C13
10776	JUPITER	9010	63 11 08	10 43 11.42	3 40 54	47 17				434C13
10773	MAINITAL	9006	63 11 08	21 54 57.67	4 20 24	70 40				434C13
10774	AREQUIPA	9007	63 11 09	1 13 01.89	21 36 42	37 52				434C13
10779	MAINITAL	9006	63 11 09	20 27 03.95	9 51 48	51 32				434C13
10783	AREQUIPA	9007	63 11 09	23 41 31.00	23 45 06	13 25				434C13
10781	WOCHERA	9003	63 11 10	10 57 40.22	21 12 42	35 47				434C13
10778	ORGNPASS	9001	63 11 10	11 29 35.99	3 28 06	47 53				434C13
10784	SHIRAZ	9008	63 11 10	22 44 11.52	9 10 00	60 47				434C13
10782	MAINITAL	9006	63 11 10	22 44 33.09	2 51 42	55 03				434C13
10786	MAUI,HA	9012	63 11 11	5 45 52.71	23 30 06	-52 59				434C13
10787	MAUI,HA	9012	63 11 11	5 47 34.67	0 35 42	-46 26				434C23
10780	ORGNPASS	9001	63 11 11	10 00 28.52	6 54 42	63 07				434C13
10788	MAUI,HA	9012	63 11 11	13 45 41.35	3 29 24	77 08				434C13
10785	MAINITAL	9006	63 11 11	21 16 47.11	8 43 24	62 20				434C13
10789	V.DLORES	9011	63 11 12	0 28 35.95	20 18 42	25 27				434C13
10790	ORGNPASS	9001	63 11 12	8 32 28.92	9 51 00	39 55				434C13
10791	ORGNPASS	9001	63 11 12	12 27 12.67	7 22 12	29 56				434C13
10794	SHIRAZ	9008	63 11 12	23 34 05.94	6 47 00	65 38				434C13
10795	MAUI,HA	9012	63 11 13	6 37 16.21	22 06 06	-41 58				434C23
10792	ORGNPASS	9001	63 11 13	10 49 48.87	4 11 12	53 55				434C13
10793	ORGNPASS	9001	63 11 13	11 04 58.75	10 27 36	12 26				434C13
10797	MAUI,HA	9012	63 11 13	14 35 50.29	2 56 48	62 14				434C13
10802	AREQUIPA	9007	63 11 14	1 15 45.93	18 57 54	- 2 01				434C13
10798	SHIRAZ	9008	63 11 14	1 55 02.54	4 32 12	36 43				434C13
10799	SHIRAZ	9008	63 11 14	2 00 24.32	7 02 36	30 26				434C13
10803	MAUI,HA	9012	63 11 14	5 05 14.24	23 44 48	-50 53				434C23
10804	MAUI,HA	9012	63 11 14	5 08 39.42	1 36 06	-34 33				434C23
10805	MAUI,HA	9012	63 11 14	13 06 41.96	8 28 06	76 06				434C13
10800	SFERNDO	9004	63 11 15	4 08 12.66	4 36 48	43 19				434C13
10829	JUPITER	9010	63 11 15	7 53 27.02	8 35 42	64 37				434C13
10808	ORGNPASS	9001	63 11 15	11 38 41.00	3 09 00	37 56				434C13
10818	MAUI,HA	9012	63 11 15	15 34 05.95	7 37 00	41 14				434C13
10819	MAUI,HA	9012	63 11 15	15 44 55.00	10 07 24	12 46				434C13
10813	SHIRAZ	9008	63 11 15	22 54 42.35	8 43 48	57 44				434C13
10886	TOKYO	9005	63 11 16	17 41 58.50	7 07 30	45 35				434C13
10887	TOKYO	9005	63 11 16	17 51 44.40	10 07 18	12 23				434C13
10811	AREQUIPA	9007	63 11 17	0 35 39.30	19 03 42	- 1 01				434C13
10814	CURACAO	9009	63 11 17	0 45 41.13	21 42 24	0 07				434C13
10809	ORGNPASS	9001	63 11 17	8 42 44.98	9 42 42	38 11				434C13
10816	JUPITER	9010	63 11 17	8 56 47.06	10 32 36	13 56				434C13
10823	TOKYO	9005	63 11 17	20 10 37.00	8 00 18	8 58				434C13
10815	CURACAO	9009	63 11 17	23 17 32.38	2 31 00	2 48				434C13
10820	SHIRAZ	9008	63 11 17	23 52 39.40	9 50 36	23 06				434C13
10810	SFERNDO	9004	63 11 18	3 40 43.84	10 07 12	7 32				434C13
10830	MAUI,HA	9012	63 11 18	6 48 18.48	21 14 48	-20 33				434C13
10821	ORGNPASS	9001	63 11 18	11 00 17.38	4 31 30	43 33				434C13
10831	MAUI,HA	9012	63 11 18	14 46 50.87	3 56 18	54 09				434C13
10832	MAUI,HA	9012	63 11 18	15 15 04.41	11 17 18	- 6 13				434C13
10824	SHIRAZ	9008	63 11 18	22 16 27.96	9 50 06	40 17				434C13
10842	JUPITER	9010	63 11 19	1 35 06.81	21 55 54	-31 05				434C23
10822	SFERNDO	9004	63 11 19	2 01 51.60	9 29 24	27 40				434C13
10843	JUPITER	9010	63 11 19	9 32 12.64	3 46 18	46 16				434C13
10825	ORGNPASS	9001	63 11 19	9 32 21.99	8 37 12	44 13				434C13
10826	ORGNPASS	9001	63 11 19	9 40 46.12	10 19 18	13 42				434C13
10838	MAUI,HA	9012	63 11 19	13 17 26.02	7 33 48	70 02				434C13
10833	SHIRAZ	9008	63 11 19	16 36 16.15	22 14 12	-34 34				434C23

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10828	MAINITAL	9006	63 11 19	20 48 41.02	9 30 36	42 44				434C13
10835	AREQUIPA	9007	63 11 19	23 55 09.51	19 10 36	- 1 28				434C13
10836	JUPITER	9010	63 11 20	0 06 51.47	1 43 30	-26 00				434C23
10841	CURACAO	9009	63 11 20	0 07 01.56	0 13 48	22 18				434C13
10827	SFERNNDO	9004	63 11 20	4 19 35.20	5 28 36	31 12				434C13
10834	ORGNPASS	9001	63 11 20	11 49 32.43	3 52 36	29 52				434C13
10839	MAUI,HA	9012	63 11 20	11 50 08.85	10 33 24	42 44				434C13
10840	MAUI,HA	9012	63 11 20	15 41 24.33	6 01 18	35 25				434C13
10858	MAUI,HA	9012	63 11 21	14 06 55.65	4 33 24	59 34				434C13
10844	SFERNNDO	9004	63 11 22	5 08 28.76	4 30 06	21 12				434C13
10859	MAUI,HA	9012	63 11 22	12 38 56.73	9 37 06	55 28				434C13
10846	ORGNPASS	9001	63 11 22	12 47 19.39	6 46 36	9 26				434C13
10864	TOKYO	9005	63 11 22	16 24 29.80	9 24 48	23 57				434C13
10865	TOKYO	9005	63 11 22	20 18 02.00	6 58 42	5 04				434C13
10856	JUPITER	9010	63 11 22	23 26 47.40	1 53 24	-21 35				434C13
10854	CURACAO	9009	63 11 22	23 28 31.08	2 44 12	32 08				434C13
10857	JUPITER	9010	63 11 23	7 25 37.67	9 26 42	42 16				434C13
10853	SHIRAZ	9008	63 11 23	22 27 19.06	9 31 36	33 07				434C13
10852	MAINITAL	9006	63 11 23	22 27 26.86	5 38 48	38 15				434C13
10848	ORGNPASS	9001	63 11 24	1 41 35.11	23 12 00	-41 28				434C23
10850	ORGNPASS	9001	63 11 24	1 45 43.91	1 49 54	-22 23				434C13
10849	ORGNPASS	9001	63 11 24	9 43 12.07	8 13 24	33 03				434C13
10860	MAUI,HA	9012	63 11 24	13 28 24.34	7 05 54	58 43				434C13
10861	MAUI,HA	9012	63 11 24	13 42 51.15	10 39 36	6 02				434C13
10855	CURACAO	9009	63 11 25	0 17 21.48	22 01 18	48 52				434C13
10866	SHIRAZ	9008	63 11 25	0 45 10.92	5 12 12	29 20				434C13
10862	ORGNPASS	9001	63 11 25	12 01 13.13	4 48 36	18 58				434C13
10863	SFERNNDO	9004	63 11 26	3 02 14.26	8 12 00	18 24				434C13
10867	ORGNPASS	9001	63 11 26	10 32 36.14	6 26 30	27 20				434C13
10869	MAINITAL	9006	63 11 26	13 47 28.56	22 07 54	-31 11				434C23
10870	MAINITAL	9006	63 11 26	13 50 49.22	0 43 42	-12 34				434C13
10868	TOKYO	9005	63 11 26	18 03 21.80	6 44 48	19 26				434C13
10871	MAINITAL	9006	63 11 26	22 04 05.83	10 27 48	- 8 00				434C13
10873	ORGNPASS	9001	63 11 27	1 05 41.09	2 01 18	-18 25				434C13
10872	SHIRAZ	9008	63 11 27	1 34 15.89	4 36 48	19 08				434C13
10881	MAUI,HA	9012	63 11 27	4 45 21.30	21 51 00	-31 24				434C23
10878	SHIRAZ	9008	63 11 27	16 08 08.64	22 49 00	- 8 28				434C13
10875	TOKYO	9005	63 11 27	16 35 48.40	9 14 12	13 08				434C13
10876	MAINITAL	9006	63 11 27	20 21 12.29	9 47 12	21 03				434C13
10879	SHIRAZ	9008	63 11 28	0 08 03.19	7 09 12	20 39				434C13
10880	JUPITER	9010	63 11 28	7 36 41.54	8 59 30	31 00				434C13
10884	SHIRAZ	9008	63 11 28	14 34 18.71	22 59 06	-35 42				434C23
10893	TOKYO	9005	63 11 28	18 54 57.30	6 32 54	6 22				434C13
10877	MAINITAL	9006	63 11 28	22 38 40.05	5 57 18	21 38				434C13
10888	ORGNPASS	9001	63 11 29	1 52 01.82	22 20 54	-31 59				434C23
10890	ORGNPASS	9001	63 11 29	1 55 55.16	1 20 36	-11 34				434C13
10897	MAUI,HA	9012	63 11 29	5 41 17.93	0 08 36	42 59				434C13
10889	ORGNPASS	9001	63 11 29	9 54 13.24	7 52 54	18 20				434C13
10898	MAUI,HA	9012	63 11 29	13 39 33.08	6 51 12	42 25				434C13
10899	MAUI,HA	9012	63 11 29	13 56 17.11	10 33 24	- 7 52				434C13
10894	MAINITAL	9006	63 11 29	21 10 33.65	8 38 54	20 57				434C13
10891	SFERNNDO	9004	63 11 30	4 41 31.09	5 59 12	5 27				434C13
10900	MAUI,HA	9012	63 11 30	12 11 35.24	9 51 00	31 20				434C13
10892	SFERNNDO	9004	63 11 30	19 15 07.75	1 41 12	-11 28				434C13
10901	MAUI,HA	9012	63 12 01	6 31 04.25	20 19 00	42 30				434C13
10906	TOKYO	9005	63 12 01	10 16 23.70	23 19 06	- 8 45				434C13
10895	MAINITAL	9006	63 12 01	14 01 36.89	0 09 48	18 32				434C13
10902	MAUI,HA	9012	63 12 01	14 28 59.14	5 23 12	29 10				434C13
10896	MAINITAL	9006	63 12 01	21 59 58.60	7 04 12	15 31				434C13
10903	ORGNPASS	9001	63 12 02	1 11 22.47	22 34 30	-31 56				434C23
10904	ORGNPASS	9001	63 12 02	1 15 53.59	1 49 18	- 8 05				434C13
10905	ORGNPASS	9001	63 12 02	9 15 59.29	8 54 30	7 58				434C13
10907	MAINITAL	9006	63 12 02	20 32 31.93	9 29 18	9 18				434C13
10908	MAINITAL	9006	63 12 02	20 35 55.54	9 57 12	0 33				434C13
10909	CURACAO	9009	63 12 02	23 49 03.91	23 43 36	79 22				434C13
10910	MAINITAL	9006	63 12 03	14 50 53.60	20 49 36	20 35				434C13
10911	MAUI,HA	9012	63 12 03	15 18 32.58	4 56 42	17 48				434C13
10912	ORGNPASS	9001	63 12 04	2 02 21.28	21 23 48	-18 03				434C13
10914	MAUI,HA	9012	63 12 04	5 46 52.83	19 45 48	5 51				434C13
10915	MAUI,HA	9012	63 12 04	5 51 48.20	21 52 36	65 17				434C13
10919	MAINITAL	9006	63 12 04	13 22 38.73	2 47 36	26 37				434C13
10916	MAUI,HA	9012	63 12 04	13 50 34.47	6 35 30	24 15				434C13
10920	MAINITAL	9006	63 12 04	21 21 40.20	8 13 06	6 01				434C13
10918	SFERNNDO	9004	63 12 05	4 52 18.22	6 02 18	- 4 31				434C13
10922	JUPITER	9010	63 12 05	8 37 43.47	7 09 18	8 30				434C13
10931	SHIRAZ	9008	63 12 05	23 39 07.32	7 24 42	2 12				434C13

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10921	NAINITAL	9006	63 12 05	23 39 39.35	5 40 18	0 28				434013
10923	ORGNPASS	9001	63 12 06	2 55 50.47	21 28 54	20 27				434013
10933	NAINITAL	9006	63 12 06	14 12 01.05	22 35 24	47 06				434013
10934	NAINITAL	9006	63 12 06	22 11 37.54	7 03 36	- 1 20				434013
10924	ORGNPASS	9001	63 12 07	1 27 27.76	3 02 06	19 02				434013
10927	NAINITAL	9006	63 12 07	12 37 50.08	22 28 24	-11 37				434013
10928	NAINITAL	9006	63 12 07	12 39 45.85	0 09 18	3 07				434013
10926	SFERNNOC	9004	63 12 07	20 14 10.88	21 40 24	9 09				434013
10925	ORGNPASS	9001	63 12 08	11 46 53.74	6 30 48	-11 10				434013
10935	SHIRAZ	9008	63 12 08	15 00 35.50	3 07 48	39 01				434013
10929	NAINITAL	9006	63 12 08	15 00 52.54	20 05 54	27 30				434013
10930	NAINITAL	9006	63 12 08	23 01 11.48	6 13 12	- 5 49				434013
10937	ORGNPASS	9001	63 12 09	2 16 40.36	23 38 06	40 02				434013
10940	MAUI,HA	9012	63 12 09	5 57 51.70	19 21 30	21 18				434013
10941	MAUI,HA	9012	63 12 09	5 59 23.90	19 27 54	34 12				434013
10932	CURACAO	9009	63 12 09	6 31 42.37	9 29 18	19 43				434013
10944	TOKYO	9005	63 12 09	9 47 50.00	1 03 12	28 58				434013
10938	ORGNPASS	9001	63 12 09	10 16 52.16	7 25 48	-10 48				434013
10942	MAUI,HA	9012	63 12 09	14 02 15.21	6 37 24	5 10				434013
10939	NAINITAL	9006	63 12 09	21 33 09.68	7 55 36	- 8 57				434013
10946	JUPITER	9010	63 12 10	0 48 50.18	21 12 18	63 25				434013
10947	JUPITER	9010	63 12 10	8 48 59.42	6 57 30	- 6 16				434013
10948	MAUI,HA	9012	63 12 10	12 34 25.27	8 57 42	2 30				434013
10949	SHIRAZ	9008	63 12 10	15 45 52.93	20 03 54	8 12				434013
10943	SFERNNOC	9004	63 12 10	19 35 30.34	0 11 36	29 30				434013
10950	CURACAO	9009	63 12 10	23 12 20.10	19 02 54	22 14				434013
10951	CURACAO	9009	63 12 10	23 18 03.40	20 00 36	75 57				434013
10952	CURACAO	9009	63 12 11	7 21 33.91	8 04 42	13 38				434013
10953	NAINITAL	9006	63 12 11	14 18 58.92	19 54 12	16 53				434013
10954	NAINITAL	9006	63 12 11	14 21 47.12	20 31 12	48 25				434013
10958	TOKYO	9005	63 12 12	9 09 05.70	3 58 24	29 13				434013
10955	JUPITER	9010	63 12 12	9 38 09.36	6 04 42	- 8 46				434013
10967	JUPITER	9010	63 12 13	0 09 39.69	3 13 12	73 21				434013
10963	SHIRAZ	9008	63 12 13	15 05 28.87	20 14 06	9 11				434013
10956	ORGNPASS	9001	63 12 14	2 23 15.02	20 05 48	11 57				434013
10957	ORGNPASS	9001	63 12 14	2 26 54.97	21 51 18	56 08				434013
10959	TOKYO	9005	63 12 14	9 57 44.70	23 11 36	47 38				434013
10961	NAINITAL	9006	63 12 14	13 38 12.22	19 54 42	15 51				434013
10962	NAINITAL	9006	63 12 14	13 42 55.68	0 51 00	76 07				434013
10968	MAUI,HA	9012	63 12 14	14 13 34.01	6 30 36	- 8 40				434013
10971	ORGNPASS	9001	63 12 15	0 57 40.23	3 44 12	35 11				434013
10969	MAUI,HA	9012	63 12 15	4 39 26.19	20 16 24	53 27				434013
10970	MAUI,HA	9012	63 12 15	4 41 40.71	0 03 24	79 58				434013
10960	TOKYO	9005	63 12 15	8 27 34.90	2 37 54	22 40				434013
10965	CURACAO	9009	63 12 15	9 01 22.88	6 07 24	- 2 12				434013
10972	ORGNPASS	9001	63 12 16	3 15 43.05	20 02 00	31 11				434013
10975	SHIRAZ	9008	63 12 16	14 26 38.85	21 22 12	25 34				434013
10976	SHIRAZ	9008	63 12 16	14 28 34.04	23 42 24	49 44				434013
10973	NAINITAL	9006	63 12 16	14 29 53.79	19 37 30	28 52				434013
10974	NAINITAL	9006	63 12 16	14 31 59.06	19 44 06	50 08				434013
10978	ORGNPASS	9001	63 12 17	1 42 53.53	20 14 24	13 44				434013
10979	ORGNPASS	9001	63 12 17	1 47 48.52	3 10 24	65 15				434013
10983	MAUI,HA	9012	63 12 17	5 31 17.08	18 48 18	62 28				434013
10984	MAUI,HA	9012	63 12 17	5 34 08.57	10 28 00	82 10				434013
10980	TOKYO	9005	63 12 17	9 18 59.40	4 01 54	48 15				434013
10981	NAINITAL	9006	63 12 17	12 57 35.45	20 02 48	16 13				434013
10985	MAUI,HA	9012	63 12 17	13 35 12.78	7 13 18	-16 58				434013
10986	AREQUIPA	9007	63 12 18	8 21 47.97	6 34 48	29 11				434013
10987	AREQUIPA	9007	63 12 18	8 49 42.75	10 53 48	-28 51				434023
10991	AREQUIPA	9007	63 12 19	6 55 02.24	8 47 06	26 10				434013
10989	NAINITAL	9006	63 12 19	13 49 39.81	19 35 42	33 45				434013
10990	NAINITAL	9006	63 12 19	13 53 13.27	20 43 30	82 28				434013
10988	WOOPERA	9003	63 12 19	18 25 53.18	9 41 54	- 0 32				434013
10992	OLFSFTN	9002	63 12 20	1 43 26.80	7 23 00	25 21				434013
11003	MAUI,HA	9012	63 12 20	4 47 20.94	18 58 18	33 52				434013
11004	MAUI,HA	9012	63 12 20	4 51 12.38	18 58 36	73 03				434013
11005	MAUI,HA	9012	63 12 20	4 54 29.92	7 54 36	70 36				434013
10996	SHIRAZ	9008	63 12 20	16 07 48.84	19 29 48	33 23				434013
10997	SHIRAZ	9008	63 12 20	16 10 32.57	19 29 00	62 59				434013
10993	SFERNNOC	9004	63 12 20	19 55 28.20	21 15 12	47 59				434013
10999	JUPITER	9010	63 12 20	23 40 35.25	6 29 00	67 07				434013
10995	AREQUIPA	9007	63 12 21	7 42 31.82	7 02 48	26 48				434013
10998	CURACAO	9009	63 12 21	7 42 36.96	6 49 30	-12 59				434013
11001	V.DLORES	9011	63 12 21	7 56 49.49	9 15 30	2 07				434013
11002	V.DLORES	9011	63 12 21	8 10 02.29	10 46 24	-19 29				434013
10994	NAINITAL	9006	63 12 21	14 42 13.29	19 29 12	50 17				434013

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11008	TOKYO	9005	63 12 22	9 24 58.80	20 27 30	26 32				434C13
11009	TOKYO	9005	63 12 22	9 28 46.80	3 22 00	67 00				434C13
11006	MAINITAL	9006	63 12 22	13 09 13.95	19 41 12	37 50				434C13
11007	MAINITAL	9006	63 12 22	13 14 09.76	6 39 36	68 07				434C13
11011	JUPITER	9010	63 12 23	0 27 32.34	19 08 00	51 41				434C13
11012	JUPITER	9010	63 12 23	0 30 17.92	15 38 00	85 01				434C13
11010	AREQUIPA	9007	63 12 23	8 53 29.34	9 45 18	-28 55				434C23
11018	SHIRAZ	9008	63 12 23	15 28 02.21	19 27 30	43 19				434C13
11019	SHIRAZ	9008	63 12 23	15 31 36.25	7 58 30	86 17				434C13
11013	ORGNPASS	9001	63 12 24	2 45 12.87	19 43 48	35 08				434C13
11014	ORGNPASS	9001	63 12 24	2 47 16.80	19 56 30	57 31				434C13
11017	AREQUIPA	9007	63 12 24	7 04 18.40	7 52 00	19 14				434C13
11015	MAINITAL	9006	63 12 24	14 00 16.24	19 20 18	40 13				434C13
11016	MAINITAL	9006	63 12 24	14 03 25.53	18 44 12	77 49				434C13
11021	JUPITER	9010	63 12 25	23 45 56.65	19 07 54	45 01				434C13
11020	OLFSFTN	9002	63 12 26	0 23 02.90	7 52 00	24 13				434C13
11022	ORGNPASS	9001	63 12 27	2 04 12.37	19 33 42	34 05				434C13
11023	ORGNPASS	9001	63 12 27	2 07 48.06	20 46 30	80 01				434C13
11025	AREQUIPA	9007	63 12 27	6 25 42.83	8 36 30	11 19				434C13
11024	TOKYO	9005	63 12 27	9 38 57.90	2 54 42	76 49				434C13
11028	MAINITAL	9006	63 12 27	13 20 05.82	19 16 12	47 17				434C13
11029	MAINITAL	9006	63 12 27	13 24 19.74	7 53 36	74 26				434C13
11026	OLFSFTN	9002	63 12 28	1 12 01.61	6 48 36	18 42				434C13
11037	TOKYO	9005	63 12 29	10 28 20.10	20 53 30	55 17				434C13
11030	MAINITAL	9006	63 12 29	14 12 01.49	19 17 48	54 20				434C13
11031	MAINITAL	9006	63 12 29	14 13 28.43	18 57 36	71 19				434C13
11027	WOOMERA	9003	63 12 29	18 48 20.83	9 13 54	-20 06				434C13
11033	ORGNPASS	9001	63 12 30	1 29 25.67	6 59 24	58 09				434C13
11034	SFERNDO	9004	63 12 30	20 16 10.75	21 06 30	50 41				434C13
11035	SFERNDO	9004	63 12 31	18 43 09.71	20 18 54	39 52				434C13
11036	SFERNDO	9004	63 12 31	18 48 21.94	6 28 12	44 17				434C13

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10003	WOOMERA	9003	63 06 29	20 26 06.72	21 28 30	- 9 25				434013
10004	WOOMERA	9003	63 06 29	20 26 20.42	21 38 42	- 7 24				434013
10005	WOOMERA	9003	63 06 30	20 14 17.08	20 23 42	-13 22				434013
10006	WOOMERA	9003	63 06 30	20 16 01.81	21 34 00	0 40				434013
10007	WOOMERA	9003	63 06 30	20 19 28.03	23 40 18	27 54				434013
10008	AREQUIPA	9007	63 07 09	8 34 38.98	21 54 24	52 59				434013
10011	CURACAO	9009	63 07 09	8 37 57.58	23 13 54	1 56				434013
10016	MAUI,HA	9012	63 07 09	13 41 12.31	23 45 06	-45 30				434023
10017	MAUI,HA	9012	63 07 09	13 43 53.30	1 07 18	-26 11				434023
10018	MAUI,HA	9012	63 07 09	13 48 43.36	3 18 24	11 15				434013
10009	QLFSFTN	9002	63 07 09	16 25 42.19	5 49 00	-73 42				434023
10010	QLFSFTN	9002	63 07 09	16 26 02.78	4 51 30	-77 28				434023
10012	SHIRAZ	9008	63 07 09	23 59 46.25	1 38 36	-19 46				434013
10013	CURACAO	9009	63 07 10	8 29 13.36	0 13 42	35 00				434013
10014	MAUI,HA	9012	63 07 10	13 31 27.03	23 46 24	-37 25				434023
10015	MAUI,HA	9012	63 07 10	13 34 26.60	1 21 48	-12 06				434013
10019	JUPITER	9010	63 07 11	8 22 06.25	3 03 36	8 47				434013
10020	MAUI,HA	9012	63 07 11	13 21 22.31	23 38 36	-29 56				434023
10021	MAUI,HA	9012	63 07 11	13 23 26.96	0 50 06	-10 48				434013
10024	V.DLORES	9011	63 07 11	22 54 03.17	6 44 12	-52 19				434023
10025	V.DLORES	9011	63 07 11	22 56 19.34	2 24 06	-74 45				434023
10022	CURACAO	9009	63 07 12	8 05 19.78	20 58 24	15 18				434013
10023	CURACAO	9009	63 07 12	8 07 40.77	22 46 00	46 13				434013
10026	WOOMERA	9003	63 07 12	9 05 58.31	6 26 48	-53 51				434023
10033	MAUI,HA	9012	63 07 12	13 12 17.78	0 09 18	-10 49				434013
10032	V.DLORES	9011	63 07 12	22 44 17.62	5 35 18	-62 52				434023
10036	SFERNNDO	9004	63 07 13	2 51 03.51	0 40 00	-24 44				434023
10037	SFERNNDO	9004	63 07 13	2 53 41.91	1 49 42	- 9 37				434013
10027	CURACAO	9009	63 07 13	7 55 20.77	20 47 48	30 44				434013
10028	CURACAO	9009	63 07 13	7 57 29.30	22 34 12	56 03				434013
10043	MAUI,HA	9012	63 07 13	13 01 14.96	23 28 30	- 9 20				434013
10044	MAUI,HA	9012	63 07 13	13 03 20.62	0 54 36	12 42				434013
10045	MAUI,HA	9012	63 07 13	14 47 15.04	19 29 48	26 28				434013
10038	SFERNNDO	9004	63 07 14	2 38 43.70	23 38 06	-31 41				434023
10039	SFERNNDO	9004	63 07 14	2 40 37.24	0 29 42	-21 20				434013
10040	SFERNNDO	9004	63 07 14	2 44 22.19	2 16 00	0 30				434013
10084	CURACAO	9009	63 07 14	7 45 46.70	20 54 42	49 18				434013
10085	CURACAO	9009	63 07 14	7 47 06.70	52 10 24	62 36				434013
10042	SHIRAZ	9008	63 07 14	23 06 53.26	0 25 24	4 51				434013
10034	SFERNNDO	9004	63 07 15	2 31 05.42	0 48 54	-11 39				434013
10035	SFERNNDO	9004	63 07 15	4 14 40.56	21 14 42	- 2 50				434013
10041	NAINITAL	9006	63 07 15	21 12 12.62	22 23 30	- 7 37				434013
10053	SHIRAZ	9008	63 07 15	22 56 07.88	0 02 48	10 11				434013
10047	SHIRAZ	9008	63 07 16	0 39 26.20	19 13 54	15 54				434013
10048	SHIRAZ	9008	63 07 16	0 42 38.68	19 55 12	52 17				434013
10046	SFERNNDO	9004	63 07 16	4 05 53.10	21 59 48	21 37				434013
10050	JUPITER	9010	63 07 16	7 25 27.97	0 04 00	10 13				434013
10051	JUPITER	9010	63 07 16	7 27 18.72	1 25 54	24 21				434013
10049	JUPITER	9010	63 07 16	9 06 55.46	18 43 36	2 48				434013
10052	MAUI,HA	9012	63 07 16	12 31 02.65	23 36 36	32 02				434013
10063	SHIRAZ	9008	63 07 16	22 45 43.45	23 57 42	19 22				434013
10064	SHIRAZ	9008	63 07 17	0 30 26.11	19 07 12	35 35				434013
10054	SFERNNDO	9004	63 07 17	2 08 26.52	23 37 18	-14 01				434013
10055	SFERNNDO	9004	63 07 17	3 52 00.00	19 57 12	- 3 28				434013
10056	JUPITER	9010	63 07 17	8 56 57.97	18 30 42	11 16				434013
10059	SHIRAZ	9008	63 07 17	22 36 06.46	0 42 36	34 25				434013
10058	SFERNNDO	9004	63 07 18	1 59 08.03	0 12 36	- 0 41				434013
10060	JUPITER	9010	63 07 18	7 06 12.71	1 18 12	37 17				434013
10061	JUPITER	9010	63 07 18	8 46 25.10	18 12 30	15 20				434013
10062	JUPITER	9010	63 07 18	8 50 05.05	18 38 06	51 14				434013
10082	SHIRAZ	9008	63 07 18	22 25 13.31	0 17 00	39 58				434013
10083	SHIRAZ	9008	63 07 19	0 10 03.80	18 26 00	51 01				434013
10069	SFERNNDO	9004	63 07 19	1 49 46.25	0 53 24	12 08				434013
10070	SFERNNDO	9004	63 07 19	3 34 49.20	21 38 48	51 10				434013
10065	ORGNPASS	9001	63 07 19	8 38 27.83	1 17 48	29 00				434013
10066	ORGNPASS	9001	63 07 19	10 22 51.05	19 36 00	58 29				434013
10080	SHIRAZ	9008	63 07 19	22 16 02.79	1 48 00	49 40				434013
10081	SHIRAZ	9008	63 07 19	23 59 48.08	18 01 12	57 11				434013
10071	SFERNNDO	9004	63 07 20	1 39 38.82	1 08 48	19 19				434013
10072	SFERNNDO	9004	63 07 20	3 24 47.11	22 14 00	63 20				434013
10075	JUPITER	9010	63 07 20	6 45 46.75	1 56 00	49 07				434013
10067	ORGNPASS	9001	63 07 20	8 27 34.69	1 01 48	33 32				434013
10076	JUPITER	9010	63 07 20	8 29 26.16	17 44 48	61 49				434013
10068	ORGNPASS	9001	63 07 20	10 12 13.62	19 04 36	61 33				434013
10079	MAUI,HA	9012	63 07 20	13 33 54.88	17 00 24	52 07				434013
10073	SHIRAZ	9008	63 07 20	22 06 02.11	2 26 12	53 08				434013
10074	SHIRAZ	9008	63 07 20	23 49 28.53	17 33 30	62 02				434013
10077	JUPITER	9010	63 07 21	6 35 19.04	2 07 06	53 01				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10078	JUPITER	9010	63 07 21	8 19 25.22	17 08 00	69 21				434013
10086	MAUI, HA	9012	63 07 21	11 39 40.87	0 44 30	70 14				434013
10087	MAUI, HA	9012	63 07 21	13 23 26.92	16 38 54	54 34				434013
10091	SHIRAZ	9008	63 07 21	21 54 16.00	1 17 24	59 17				434013
10092	SHIRAZ	9008	63 07 21	23 38 53.01	17 06 54	63 44				434013
10088	SFERNNDO	9004	63 07 22	1 18 52.61	1 25 06	29 34				434013
10089	SFERNNDO	9004	63 07 22	3 03 04.39	20 38 54	67 06				434013
10090	MAINITAL	9006	63 07 22	20 01 08.51	0 28 12	67 19				434013
10095	V.DLORES	9011	63 07 22	22 48 10.06	22 41 36	-65 37				434023
10093	SFERNNDO	9004	63 07 23	1 07 44.83	1 03 06	32 49				434013
10094	SFERNNDO	9004	63 07 23	2 52 04.99	19 41 42	66 18				434013
10096	ORGNPASS	9001	63 07 23	7 55 48.89	1 09 06	48 46				434013
10097	ORGNPASS	9001	63 07 23	9 40 09.87	17 30 54	66 03				434013
10098	MAINITAL	9006	63 07 23	19 50 23.58	0 20 36	71 32				434013
10105	SHIRAZ	9008	63 07 23	21 32 49.21	1 18 06	67 26				434013
10099	MAINITAL	9006	63 07 23	21 35 38.10	16 16 00	64 36				434013
10108	V.DLORES	9011	63 07 23	22 37 49.81	21 57 24	-62 41				434023
10104	SHIRAZ	9008	63 07 23	23 17 57.26	16 05 36	68 59				434013
10100	SFERNNDO	9004	63 07 24	2 41 36.68	19 27 48	71 38				434013
10101	ORGNPASS	9001	63 07 24	7 44 58.37	1 00 36	53 10				434013
10102	ORGNPASS	9001	63 07 24	9 29 21.64	17 02 12	65 49				434013
10103	ORGNPASS	9001	63 07 24	11 15 57.16	16 48 36	56 40				434013
10109	OLFSFTN	9002	63 07 24	17 22 41.11	4 55 24	-80 49				434023
10104	MAINITAL	9006	63 07 24	19 39 20.35	23 22 48	75 48				434013
10120	SHIRAZ	9008	63 07 24	21 21 36.15	0 24 30	72 41				434013
10121	SHIRAZ	9008	63 07 24	23 06 57.31	15 53 06	66 39				434013
10110	SFERNNDO	9004	63 07 25	0 46 13.68	0 54 06	40 50				434013
10111	SFERNNDO	9004	63 07 25	2 31 09.77	19 17 00	76 50				434013
10117	JUPITER	9010	63 07 25	7 36 04.85	15 38 06	65 23				434013
10143	MAUI, HA	9012	63 07 25	10 56 43.11	0 38 00	84 01				434013
10112	ORGNPASS	9001	63 07 25	11 07 46.10	14 32 00	75 29				434013
10114	TOKYO	9005	63 07 25	14 21 28.10	0 30 36	31 14				434013
10115	TOKYO	9005	63 07 25	16 06 37.10	22 24 00	76 41				434013
10118	OLFSFTN	9002	63 07 25	17 12 01.19	5 58 06	-80 50				434023
10119	OLFSFTN	9002	63 07 25	17 13 45.95	20 22 12	-72 34				434023
10116	TOKYO	9005	63 07 25	17 53 40.50	15 38 42	77 52				434013
10138	SHIRAZ	9008	63 07 25	22 56 27.32	15 23 48	68 42				434013
10142	V.DLORES	9011	63 07 26	0 01 18.34	10 50 48	-46 43				434023
10128	SFERNNDO	9004	63 07 26	0 35 52.34	1 12 18	44 09				434013
10129	SFERNNDO	9004	63 07 26	2 20 21.33	18 29 24	77 20				434013
10130	SFERNNDO	9004	63 07 26	4 08 49.70	13 08 18	83 03				434013
10126	MOONERA	9003	63 07 26	10 15 01.43	14 35 18	-55 25				434023
10144	MAUI, HA	9012	63 07 26	10 46 09.68	2 07 48	85 22				434013
10148	TOKYO	9005	63 07 26	14 10 30.60	0 18 18	34 44				434013
10122	OLFSFTN	9002	63 07 26	17 01 23.71	7 04 00	-80 08				434023
10139	SHIRAZ	9008	63 07 26	21 00 15.93	1 00 06	78 21				434013
10137	AREQUIPA	9007	63 07 26	23 53 09.78	20 41 18	-73 26				434023
10132	SFERNNDO	9004	63 07 27	2 09 15.94	17 31 30	73 59				434013
10133	SFERNNDO	9004	63 07 27	3 57 54.90	13 54 00	82 36				434013
10127	MOONERA	9003	63 07 27	10 06 45.82	17 26 42	- 0 30				434013
10154	MAUI, HA	9012	63 07 27	10 34 16.97	16 02 30	84 16				434013
10123	OLFSFTN	9002	63 07 27	16 50 30.03	7 44 36	-74 58				434023
10124	OLFSFTN	9002	63 07 27	16 55 06.83	19 10 18	-20 51				434013
10125	OLFSFTN	9002	63 07 27	18 37 08.71	11 39 42	-14 28				434013
10150	SHIRAZ	9008	63 07 27	22 35 24.99	14 22 18	72 00				434013
10153	V.DLORES	9011	63 07 27	23 41 31.04	12 56 48	-21 56				434013
10149	AREQUIPA	9007	63 07 27	23 43 02.33	19 49 24	-67 24				434023
10134	SFERNNDO	9004	63 07 28	0 13 01.49	23 47 24	53 38				434013
10135	SFERNNDO	9004	63 07 28	1 58 00.86	16 49 42	68 32				434013
10136	SFERNNDO	9004	63 07 28	3 46 49.38	15 04 00	80 17				434013
10151	JUPITER	9010	63 07 28	5 18 43.86	0 52 00	81 29				434013
10152	JUPITER	9010	63 07 28	7 04 49.97	13 55 24	72 08				434013
30001	VANNUYS	8637	63 07 28	8 44 20.4	17 04 00	71 00				845014
10158	MAUI, HA	9012	63 07 28	10 22 37.50	15 04 30	75 51				434013
10168	TOKYO	9005	63 07 28	13 48 28.10	23 46 42	42 20				434013
10145	OLFSFTN	9002	63 07 28	18 26 49.76	11 43 30	- 7 01				434013
10146	OLFSFTN	9002	63 07 28	18 28 49.89	13 02 36	11 36				434013
10155	V.DLORES	9011	63 07 28	23 32 03.21	14 16 54	4 43				434013
10156	AREQUIPA	9007	63 07 28	23 33 04.28	19 12 06	-56 38				434023
10147	SFERNNDO	9004	63 07 29	0 02 32.68	0 07 54	56 49				434013
10157	SHIRAZ	9008	63 07 29	0 15 10.04	9 25 48	75 33				434013
10165	MAUI, HA	9012	63 07 29	10 11 56.57	14 20 36	75 52				434013
10179	TOKYO	9005	63 07 29	13 37 00.80	23 02 06	46 31				434013
10180	TOKYO	9005	63 07 29	15 22 05.20	16 41 00	69 05				434013
10181	TOKYO	9005	63 07 29	17 11 41.90	10 11 30	83 21				434013
10163	OLFSFTN	9002	63 07 29	18 16 42.74	11 52 18	2 00				434013
10164	OLFSFTN	9002	63 07 29	18 21 53.01	15 15 36	46 15				434013
10243	V.DLORES	9011	63 07 29	23 21 12.18	13 35 24	9 04				434013
10159	SFERNNDO	9004	63 07 29	23 50 53.63	22 44 00	62 41				434013
10169	AREQUIPA	9007	63 07 30	1 08 36.60	12 50 30	6 48				434013
10160	SFERNNDO	9004	63 07 30	1 36 39.33	15 58 00	71 35				434013
10161	SFERNNDO	9004	63 07 30	3 26 07.37	9 56 00	85 12				434013
10166	OLFSFTN	9002	63 07 30	18 06 25.91	11 52 54	9 19				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10167	OLFSFTN	9002	63 07 30	18 09 17.17	13 34 12	34 58				434013
10170	SHIRAZ	9008	63 07 30	18 28 55.85	21 45 00	47 07				434013
10171	SHIRAZ	9008	63 07 30	20 13 52.19	15 11 06	60 10				434013
10176	SFERNNDO	9004	63 07 30	21 52 32.21	21 28 36	13 31				434013
10172	SHIRAZ	9008	63 07 30	22 04 04.06	12 09 18	76 40				434013
10177	SFERNNDO	9004	63 07 30	23 37 36.52	17 53 54	50 09				434013
10173	SHIRAZ	9008	63 07 30	23 53 48.89	8 31 18	76 18				434013
10182	CURACAO	9009	63 07 31	1 06 47.29	17 53 18	6 18				434013
10178	SFERNNDO	9004	63 07 31	1 26 27.83	15 21 30	78 28				434013
10183	JUPITER	9010	63 07 31	2 55 28.53	18 38 48	25 47				434013
10187	MAUI,HA	9012	63 07 31	7 59 56.26	16 23 12	33 14				434013
10188	MAUI,HA	9012	63 07 31	9 48 44.50	13 52 00	61 01				434013
10175	ORGNPASS	9001	63 07 31	10 04 40.55	9 06 48	80 26				434013
10195	SHIRAZ	9008	63 07 31	16 28 57.32	20 08 48	-13 49				434013
10196	SHIRAZ	9008	63 07 31	18 15 02.17	17 40 42	27 06				434013
10184	SFERNNDO	9004	63 07 31	21 39 33.86	19 36 30	1 12				434013
10185	SFERNNDO	9004	63 07 31	23 26 55.41	17 27 48	54 49				434013
10198	AREQUIPA	9007	63 08 01	0 48 07.31	12 39 48	24 31				434013
10186	SFERNNDO	9004	63 08 01	1 15 32.20	15 00 00	76 50				434013
10197	JUPITER	9010	63 08 01	2 44 20.92	17 43 42	28 04				434013
10202	MAUI,HA	9012	63 08 01	6 02 41.56	19 33 48	-14 51				434013
10189	ORGNPASS	9001	63 08 01	6 15 30.36	15 48 30	65 43				434013
10203	MAUI,HA	9012	63 08 01	7 49 31.64	15 58 18	43 10				434013
10190	ORGNPASS	9001	63 08 01	8 04 13.16	13 23 18	74 47				434013
10204	MAUI,HA	9012	63 08 01	9 38 12.92	13 25 36	62 47				434013
10199	SHIRAZ	9008	63 08 01	18 03 56.69	16 49 00	28 35				434013
10200	SHIRAZ	9008	63 08 01	19 52 46.08	14 12 54	65 30				434013
10191	SFERNNDO	9004	63 08 01	21 28 46.98	19 17 12	5 44				434013
10201	SHIRAZ	9008	63 08 01	21 42 28.28	11 52 12	76 08				434013
10192	SFERNNDO	9004	63 08 01	23 16 14.50	17 01 00	59 03				434013
10193	SFERNNDO	9004	63 08 02	1 05 00.93	14 22 12	79 37				434013
10219	JUPITER	9010	63 08 02	2 33 33.39	17 05 42	34 17				434013
10194	SFERNNDO	9004	63 08 02	2 53 39.11	11 50 00	88 15				434013
10220	JUPITER	9010	63 08 02	4 22 04.03	13 50 30	66 13				434013
10205	ORGNPASS	9001	63 08 02	7 53 58.38	12 10 24	78 13				434013
10221	JUPITER	9010	63 08 02	8 02 06.53	7 52 18	75 01				434013
10206	ORGNPASS	9001	63 08 02	9 43 10.85	8 10 06	82 05				434013
10222	JUPITER	9010	63 08 02	9 49 20.52	22 59 30	82 11				434013
10228	MAUI,HA	9012	63 08 02	14 58 31.80	5 37 36	66 42				434013
10208	SFERNNDO	9004	63 08 02	21 18 21.44	19 16 30	14 10				434013
10209	SFERNNDO	9004	63 08 02	23 05 31.09	16 30 36	62 18				434013
10210	SFERNNDO	9004	63 08 03	0 54 19.06	13 50 00	80 27				434013
10211	SFERNNDO	9004	63 08 03	2 43 41.48	4 25 00	80 45				434013
10212	SFERNNDO	9004	63 08 03	4 28 44.43	19 39 54	53 56				434013
10229	MAUI,HA	9012	63 08 03	7 27 55.84	14 33 24	48 35				434013
10223	JUPITER	9010	63 08 03	7 51 58.54	6 45 00	71 23				434013
10224	JUPITER	9010	63 08 03	9 40 18.13	3 13 42	64 46				434013
10207	ORGNPASS	9001	63 08 03	11 19 44.56	21 57 36	65 04				434013
10213	SFERNNDO	9004	63 08 03	21 07 15.11	18 37 30	16 37				434013
10214	SFERNNDO	9004	63 08 03	22 54 37.08	15 50 06	62 42				434013
10217	SHIRAZ	9008	63 08 03	23 11 19.19	5 49 54	74 48				434013
10225	JUPITER	9010	63 08 04	2 12 48.91	16 40 00	55 58				434013
10226	JUPITER	9010	63 08 04	4 00 20.90	13 01 00	64 25				434013
10215	SFERNNDO	9004	63 08 04	4 20 45.61	23 44 48	47 28				434013
10227	JUPITER	9010	63 08 04	9 29 23.73	2 06 54	63 37				434013
10218	CURACAO	9009	63 08 04	9 33 15.60	2 03 54	74 06				434013
10216	TOKYO	9005	63 08 04	12 29 23.10	16 19 54	57 49				434013
10233	SHIRAZ	9008	63 08 04	17 33 48.64	17 47 24	69 49				434013
10230	SFERNNDO	9004	63 08 05	0 33 28.01	9 36 00	85 42				434013
10234	SHIRAZ	9008	63 08 05	0 47 16.79	22 10 06	52 38				434013
10231	SFERNNDO	9004	63 08 05	2 22 41.60	3 13 18	72 57				434013
10232	SFERNNDO	9004	63 08 05	4 09 52.60	23 12 24	42 08				434013
10236	ORGNPASS	9001	63 08 05	9 11 22.34	4 46 00	79 52				434013
10237	ORGNPASS	9001	63 08 05	10 59 25.42	23 36 00	47 42				434013
10244	SHIRAZ	9008	63 08 05	17 21 34.49	14 53 00	55 50				434013
10238	SFERNNDO	9004	63 08 05	22 33 29.71	15 01 18	71 20				434013
10242	CURACAO	9009	63 08 06	0 01 57.40	13 14 12	39 26				434013
10239	SFERNNDO	9004	63 08 06	0 22 14.76	12 08 00	83 10				434013
10245	JUPITER	9010	63 08 06	1 50 55.21	14 44 48	58 25				434013
10240	SFERNNDO	9004	63 08 06	2 11 00.53	0 44 00	82 49				434013
10241	SFERNNDO	9004	63 08 06	3 58 54.28	22 36 54	37 18				434013
10247	MAUI,HA	9012	63 08 06	6 56 05.71	12 51 06	58 16				434013
10246	JUPITER	9010	63 08 06	9 07 44.07	0 20 54	55 05				434013
10269	TOKYO	9005	63 08 06	12 07 40.40	14 59 30	60 48				434013
10248	MAUI,HA	9012	63 08 06	14 15 49.21	2 28 42	57 32				434013
10254	SHIRAZ	9008	63 08 06	17 11 02.50	14 22 00	61 22				434013
10249	SFERNNDO	9004	63 08 06	20 34 36.10	17 04 00	31 28				434013
10250	SFERNNDO	9004	63 08 06	22 22 25.63	14 15 36	68 37				434013
10255	CURACAO	9009	63 08 06	23 51 10.90	12 35 12	41 39				434013
10251	SFERNNDO	9004	63 08 07	0 12 10.03	6 32 30	85 01				434013
10252	SFERNNDO	9004	63 08 07	2 00 37.19	1 07 54	77 08				434013
10253	SFERNNDO	9004	63 08 07	3 47 50.88	21 59 54	33 08				434013
10259	MAUI,HA	9012	63 08 07	6 44 57.04	12 16 00	54 20				434013
10258	JUPITER	9010	63 08 07	7 09 02.25	4 47 42	72 20				434013

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10256	ORGNPASS	9001	63 08 07	8 50 21.34	3 07 42	73 28				434013
10257	ORGNPASS	9001	63 08 07	10 37 32.79	22 22 54	36 38				434013
10270	TOKYO	9005	63 08 07	11 57 38.50	15 07 30	72 32				434013
10261	MAUI, HA	9012	63 08 07	12 16 07.18	5 35 48	71 28				434013
10271	TOKYO	9005	63 08 07	13 46 30.50	9 37 00	84 12				434013
10260	MAUI, HA	9012	63 08 07	14 05 02.90	1 37 18	53 38				434013
10262	SFERNDO	9004	63 08 08	0 03 52.83	3 05 42	60 40				434013
10275	JUPITER	9010	63 08 08	1 29 36.06	13 22 00	64 52				434013
10263	SFERNDO	9004	63 08 08	1 49 33.23	23 33 00	78 01				434013
10265	ORGNPASS	9001	63 08 08	3 12 14.21	15 08 48	57 19				434013
10273	JUPITER	9010	63 08 08	3 18 34.88	10 33 30	73 11				434013
10264	SFERNDO	9004	63 08 08	3 37 22.68	22 05 18	24 42				434013
10266	ORGNPASS	9001	63 08 08	5 00 56.26	11 29 18	76 29				434013
10276	MAUI, HA	9012	63 08 08	6 33 59.08	11 47 12	52 30				434013
10274	JUPITER	9010	63 08 08	6 58 23.54	4 09 54	71 27				434013
10267	ORGNPASS	9001	63 08 08	8 39 07.08	1 53 12	78 16				434013
10268	ORGNPASS	9001	63 08 08	10 27 12.17	22 32 42	25 49				434013
10272	TOKYO	9005	63 08 08	11 46 31.80	14 04 12	69 31				434013
10277	MAUI, HA	9012	63 08 08	12 05 42.14	4 57 00	69 21				434013
10278	MAUI, HA	9012	63 08 08	13 53 52.90	0 18 18	52 59				434013
10294	SHIRAZ	9008	63 08 08	16 49 49.13	13 04 12	68 07				434013
10280	SFERNDO	9004	63 08 08	22 01 32.43	13 13 42	78 12				434013
10281	SFERNDO	9004	63 08 09	1 39 43.81	0 54 12	65 10				434013
10282	ORGNPASS	9001	63 08 09	3 01 24.31	14 21 36	59 38				434013
10279	OLFSFTN	9002	63 08 09	3 49 58.20	7 06 48	- 7 06				434013
10283	ORGNPASS	9001	63 08 09	4 50 04.91	11 07 30	75 22				434013
10305	MAUI, HA	9012	63 08 09	6 23 40.62	11 18 48	57 20				434013
10284	ORGNPASS	9001	63 08 09	6 40 06.52	5 27 42	78 25				434013
10285	ORGNPASS	9001	63 08 09	10 16 13.52	22 00 36	21 11				434013
10290	TOKYO	9005	63 08 09	11 35 26.20	13 18 00	66 17				434013
10306	MAUI, HA	9012	63 08 09	11 55 37.09	4 17 42	63 48				434013
10307	MAUI, HA	9012	63 08 09	13 43 38.64	0 15 24	39 57				434013
10287	SFERNDO	9004	63 08 09	21 50 50.67	12 30 48	79 21				434013
10295	SHIRAZ	9008	63 08 09	22 07 04.20	1 25 24	68 15				434013
10308	MAUI, HA	9012	63 08 10	6 12 48.59	10 54 18	56 15				434013
10301	JUPITER	9010	63 08 10	6 37 32.75	2 56 48	63 27				434013
10302	JUPITER	9010	63 08 10	8 24 55.62	22 34 54	23 12				434013
10309	MAUI, HA	9012	63 08 10	11 44 48.26	3 48 54	64 22				434013
10291	TOKYO	9005	63 08 10	13 14 08.20	8 57 00	83 42				434013
10310	MAUI, HA	9012	63 08 10	13 32 47.19	23 30 12	33 35				434013
10292	TOKYO	9005	63 08 10	15 03 46.70	1 25 24	69 31				434013
10296	SHIRAZ	9008	63 08 10	16 29 04.16	11 25 12	77 50				434013
10293	TOKYO	9005	63 08 10	16 48 55.20	19 25 30	42 43				434013
10297	SHIRAZ	9008	63 08 10	18 17 51.73	8 20 24	77 16				434013
10286	WOOMERA	9003	63 08 10	20 40 19.98	4 32 36	4 47				434013
10298	SHIRAZ	9008	63 08 10	21 53 57.16	18 25 12	75 50				434013
10288	SFERNDO	9004	63 08 11	1 16 09.86	19 07 54	70 53				434013
10289	SFERNDO	9004	63 08 11	3 00 55.52	18 28 54	28 02				434013
10303	JUPITER	9010	63 08 11	4 37 47.69	4 29 54	70 45				434013
10304	JUPITER	9010	63 08 11	6 23 35.66	16 28 00	82 32				434013
10311	AREQUIPA	9007	63 08 11	8 25 59.97	4 15 36	37 37				434013
10312	AREQUIPA	9007	63 08 11	10 12 58.37	23 55 42	-17 54				434013
10333	SHIRAZ	9008	63 08 11	21 41 51.15	16 41 42	65 59				434013
10314	JUPITER	9010	63 08 12	4 27 27.96	3 51 00	67 52				434013
10313	AREQUIPA	9007	63 08 12	8 16 53.47	4 44 42	18 48				434013
10321	TOKYO	9005	63 08 12	12 53 22.70	3 46 00	81 00				434013
10318	JUPITER	9010	63 08 13	4 16 36.78	3 34 42	68 32				434013
10316	ORGNPASS	9001	63 08 13	5 56 47.07	4 19 48	81 22				434013
10315	AREQUIPA	9007	63 08 13	8 08 33.70	5 41 36	- 8 45				434013
10322	TOKYO	9005	63 08 13	10 53 04.90	10 49 54	76 48				434013
10323	TOKYO	9005	63 08 13	14 28 18.10	15 44 48	69 27				434013
10324	SHIRAZ	9008	63 08 13	19 34 24.04	5 37 48	83 17				434013
10319	SFERNDO	9004	63 08 13	22 56 45.37	1 25 00	85 01				434013
10317	OLFSFTN	9002	63 08 14	2 53 28.98	0 43 30	- 1 00				434013
10325	V.DLORES	9011	63 08 14	7 59 47.19	4 45 00	16 17				434013
10326	V.DLORES	9011	63 08 14	9 44 58.44	0 28 18	-20 35				434013
10327	SFERNDO	9004	63 08 14	20 57 36.39	7 14 30	83 49				434013
10328	SFERNDO	9004	63 08 14	22 45 43.97	23 30 00	87 30				434013
10329	SFERNDO	9004	63 08 15	0 31 07.73	16 30 54	51 40				434013
10320	OLFSFTN	9002	63 08 15	2 44 18.64	2 02 48	-44 18				434023
10330	AREQUIPA	9007	63 08 15	9 32 48.04	21 49 00	-77 13				434023
10331	V.DLORES	9011	63 08 15	9 35 17.31	0 57 18	-53 46				434023
10349	TOKYO	9005	63 08 15	12 21 29.10	1 49 06	76 24				434013
10350	TOKYO	9005	63 08 15	14 05 54.90	15 10 12	60 35				434013
10336	SHIRAZ	9008	63 08 15	19 11 56.31	10 56 12	83 38				434013
10334	SFERNDO	9004	63 08 15	20 46 31.19	8 29 00	81 45				434013
10335	SFERNDO	9004	63 08 15	22 34 46.70	19 36 00	87 39				434013
10332	OLFSFTN	9002	63 08 16	2 35 17.01	6 07 48	-67 26				434023
10338	ORGNPASS	9001	63 08 16	7 09 06.27	16 00 36	51 58				434013
10351	SHIRAZ	9008	63 08 16	19 01 28.46	10 44 30	86 42				434013
10342	WOOMERA	9003	63 08 16	19 36 53.17	1 58 54	-67 53				434023
10345	SFERNDO	9004	63 08 16	20 36 20.93	4 36 00	83 02				434013
10346	SFERNDO	9004	63 08 16	22 22 58.88	13 34 00	78 19				434013

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10341	OLFSFTN	9002	63 08 17	2 25 11.09	7 38 00	-69 28				434023
10354	V.DLORES	9011	63 08 17	9 15 23.68	7 55 00	-81 47				434023
10343	WOOMERA	9003	63 08 17	19 26 37.86	3 07 24	-79 12				434023
10347	SFERNNDO	9004	63 08 17	20 25 36.78	4 04 42	82 37				434013
10348	SFERNNDO	9004	63 08 17	22 12 27.64	14 26 30	80 12				434013
10339	ORGNPASS	9001	63 08 18	3 14 20.48	5 23 06	78 28				434013
10353	JUPITER	9010	63 08 18	3 21 25.29	2 48 00	80 33				434013
10340	ORGNPASS	9001	63 08 18	5 01 39.36	12 39 00	83 42				434013
10355	V.DLORES	9011	63 08 18	9 04 35.72	9 20 00	-86 35				434023
10356	SFERNNDO	9004	63 08 18	20 14 57.42	3 10 30	81 49				434013
10358	ORGNPASS	9001	63 08 19	4 50 38.08	13 03 48	80 45				434013
10360	MAUI,HA	9012	63 08 19	8 17 46.75	2 56 36	78 08				434013
10365	SHIRAZ	9008	63 08 19	18 28 30.30	13 40 30	79 32				434013
10362	SFERNNDO	9004	63 08 19	20 08 30.63	23 51 24	41 44				434013
10363	SFERNNDO	9004	63 08 19	21 50 41.05	14 33 18	75 46				434013
10361	ORGNPASS	9001	63 08 20	2 53 35.39	2 41 48	75 53				434013
10366	MAUI,HA	9012	63 08 20	8 06 54.53	2 32 06	79 39				434013
10359	V.DLORES	9011	63 08 20	8 44 27.10	10 49 30	-69 48				434023
10364	TOKYO	9005	63 08 20	11 26 49.10	22 50 00	84 06				434013
10368	SHIRAZ	9008	63 08 20	18 17 28.07	13 43 48	76 01				434013
10367	SFERNNDO	9004	63 08 20	21 40 16.88	15 52 18	76 01				434013
10369	MAUI,HA	9012	63 08 21	7 56 07.18	1 53 30	80 42				434013
10371	SHIRAZ	9008	63 08 21	16 21 30.77	1 24 30	70 08				434013
10370	SFERNNDO	9004	63 08 21	21 29 32.04	16 05 00	73 20				434013
10374	MAUI,HA	9012	63 08 22	7 44 26.21	5 00 00	87 15				434013
10372	SFERNNDO	9004	63 08 22	21 18 57.90	16 40 06	70 12				434013
10373	SFERNNDO	9004	63 08 22	23 03 58.77	15 39 54	25 01				434013
10382	MAUI,HA	9012	63 08 23	7 34 21.62	0 00 00	84 07				434013
10378	SFERNNDO	9004	63 08 23	21 08 03.88	16 16 36	66 16				434013
10379	SFERNNDO	9004	63 08 23	22 53 14.86	15 37 06	21 21				434013
10375	ORGNPASS	9001	63 08 24	3 56 53.88	15 09 36	71 21				434013
10383	MAUI,HA	9012	63 08 24	7 22 49.79	15 00 00	88 20				434013
10381	SHIRAZ	9008	63 08 24	17 35 00.65	15 40 12	67 18				434013
10380	SFERNNDO	9004	63 08 24	20 57 27.69	16 33 30	61 32				434013
10376	ORGNPASS	9001	63 08 25	3 46 18.67	15 36 48	67 56				434013
10377	ORGNPASS	9001	63 08 25	5 31 56.54	15 35 30	20 01				434013
10384	MAUI,HA	9012	63 08 25	7 12 36.09	19 40 00	84 49				434013
10391	SHIRAZ	9008	63 08 25	17 24 17.38	15 42 24	62 44				434013
10385	SFERNNDO	9004	63 08 25	20 46 48.08	16 36 36	55 59				434013
10386	SFERNNDO	9004	63 08 25	22 32 01.22	15 36 54	12 58				434013
10387	ORGNPASS	9001	63 08 26	3 35 56.02	16 21 18	63 02				434013
10392	JUPITER	9010	63 08 26	3 40 27.97	15 41 42	22 44				434013
10393	MAUI,HA	9012	63 08 26	7 01 51.03	18 23 00	82 30				434013
10394	SHIRAZ	9008	63 08 26	17 13 34.90	15 42 18	57 31				434013
10395	SHIRAZ	9008	63 08 26	18 59 22.56	15 41 54	11 11				434013
10388	SFERNNDO	9004	63 08 26	20 36 19.84	16 55 30	48 31				434013
10389	SFERNNDO	9004	63 08 26	22 21 37.07	15 41 54	7 40				434013
10396	MAUI,HA	9012	63 08 27	6 51 00.89	17 17 48	79 38				434013
10397	SFERNNDO	9004	63 08 27	20 26 15.84	17 38 48	35 27				434013
10398	SFERNNDO	9004	63 08 27	22 11 06.93	15 42 12	2 49				434013
10400	JUPITER	9010	63 08 28	1 33 52.42	17 48 48	62 11				434013
10403	SHIRAZ	9008	63 08 28	16 52 28.91	15 58 00	43 40				434013
10401	SFERNNDO	9004	63 08 28	20 15 24.06	17 12 12	29 31				434013
10404	JUPITER	9010	63 08 29	1 23 41.27	18 11 36	50 42				434013
10399	CURACAO	9009	63 08 29	1 26 29.59	16 25 48	64 31				434013
10405	JUPITER	9010	63 08 29	3 08 50.52	15 36 18	6 16				434013
10406	MAUI,HA	9012	63 08 29	6 30 19.27	18 01 30	67 48				434013
10416	SFERNNDO	9004	63 08 29	20 04 49.67	17 06 30	20 28				434013
10417	SFERNNDO	9004	63 08 29	21 51 28.00	16 15 24	-14 20				434013
10412	MAUI,HA	9012	63 08 30	6 19 28.28	17 15 54	63 24				434013
10413	MAUI,HA	9012	63 08 30	8 04 40.23	15 06 00	13 38				434013
10410	JUPITER	9010	63 08 31	1 02 08.14	17 11 36	36 28				434013
10409	CURACAO	9009	63 08 31	1 04 59.85	15 48 30	53 32				434013
10411	JUPITER	9010	63 08 31	2 48 11.11	15 36 42	- 6 38				434013
10421	MAUI,HA	9012	63 08 31	6 09 29.25	17 49 00	50 49				434013
10422	MAUI,HA	9012	63 08 31	7 55 36.25	15 34 18	- 0 56				434013
10407	TOKYO	9005	63 08 31	11 15 30.20	15 41 18	- 8 33				434013
10418	CURACAO	9009	63 09 01	0 54 57.04	16 06 48	43 54				434013
10420	JUPITER	9010	63 09 01	2 38 58.26	15 59 12	-19 45				434013
10423	MAUI,HA	9012	63 09 01	5 59 17.00	17 52 24	37 08				434013
10424	MAUI,HA	9012	63 09 01	7 45 03.56	15 26 36	- 6 10				434013
10408	SHIRAZ	9008	63 09 01	16 09 54.54	15 30 06	11 57				434013
10425	MAUI,HA	9012	63 09 02	5 49 08.74	17 54 18	20 30				434013
10426	MAUI,HA	9012	63 09 02	7 34 57.44	15 26 42	-14 00				434013
10429	SHIRAZ	9008	63 09 02	15 59 56.37	15 50 00	- 1 42				434013
10414	WOOMERA	9003	63 09 02	20 09 16.84	19 32 00	-69 32				434023

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10415	WOOMERA	9003	63 09 02	20 13 48.71	9 23 00	-25 13				434023
10431	MAUI, HA	9012	63 09 03	5 38 16.59	17 18 30	13 12				434013
10460	SHIRAZ	9008	63 09 03	15 49 12.11	15 32 48	-7 10				434013
10427	WOOMERA	9003	63 09 03	19 58 27.04	19 59 30	-67 45				434023
10428	WOOMERA	9003	63 09 03	20 02 51.05	8 53 54	-26 16				434023
10430	CURACAO	9009	63 09 04	0 24 27.64	16 14 12	4 20				434013
10437	SHIRAZ	9008	63 09 04	15 42 04.75	17 23 24	-37 26				434023
10432	OLFSFTN	9002	63 09 05	17 21 01.87	20 19 12	40 12				434013
10433	OLFSFTN	9002	63 09 05	17 23 21.08	21 17 00	25 11				434013
10436	WOOMERA	9003	63 09 05	19 42 07.48	7 58 42	-4 55				434013
10434	OLFSFTN	9002	63 09 06	2 25 56.93	13 57 00	-80 39				434023
10435	OLFSFTN	9002	63 09 06	2 29 27.06	9 01 12	-33 01				434023
10451	WOOMERA	9003	63 09 06	10 23 02.82	19 28 18	40 30				434013
10452	WOOMERA	9003	63 09 06	10 25 06.07	20 25 54	29 12				434013
10438	OLFSFTN	9002	63 09 06	17 09 19.10	19 31 42	43 44				434013
10439	OLFSFTN	9002	63 09 06	17 14 37.87	21 53 36	7 08				434013
10440	OLFSFTN	9002	63 09 06	18 56 30.70	16 56 18	10 48				434013
10453	WOOMERA	9003	63 09 06	19 26 43.73	21 41 42	-65 12				434023
10441	OLFSFTN	9002	63 09 07	2 15 01.22	15 44 06	-82 47				434023
10442	OLFSFTN	9002	63 09 07	2 19 02.38	8 34 42	-25 47				434023
10454	WOOMERA	9003	63 09 07	10 15 55.25	20 56 00	15 08				434013
10443	OLFSFTN	9002	63 09 07	17 05 26.83	22 24 00	-7 41				434013
10444	OLFSFTN	9002	63 09 07	18 48 03.23	17 25 06	-17 31				434013
10455	WOOMERA	9003	63 09 07	19 16 43.15	23 31 12	-64 33				434023
10459	AREQUIPA	9007	63 09 07	23 48 47.97	19 42 42	4 32				434013
10461	V.DLORES	9011	63 09 07	23 51 30.46	19 28 24	24 30				434013
10445	OLFSFTN	9002	63 09 08	2 05 42.90	8 20 30	-72 11				434023
10456	WOOMERA	9003	63 09 08	10 07 06.75	21 47 12	-4 00				434013
10457	WOOMERA	9003	63 09 08	11 49 31.07	16 47 00	-6 34				434013
10447	OLFSFTN	9002	63 09 08	16 56 08.58	22 55 24	-19 32				434013
10448	OLFSFTN	9002	63 09 08	18 37 54.28	17 16 00	-31 32				434023
10458	WOOMERA	9003	63 09 08	19 07 14.34	2 55 48	-44 53				434023
10462	AREQUIPA	9007	63 09 08	23 37 56.37	19 12 06	-1 37				434013
10463	AREQUIPA	9007	63 09 09	1 23 52.52	15 12 00	-30 48				434023
10449	OLFSFTN	9002	63 09 09	1 56 05.01	7 24 36	-48 49				434023
10450	OLFSFTN	9002	63 09 09	1 58 01.74	7 42 30	-11 30				434013
10464	AREQUIPA	9007	63 09 09	8 46 05.12	8 38 06	-56 55				434023
10467	WOOMERA	9003	63 09 09	9 58 34.29	22 55 24	-21 25				434013
10465	OLFSFTN	9002	63 09 09	18 29 19.36	18 37 12	-64 45				434023
10468	WOOMERA	9003	63 09 09	18 58 31.36	5 13 42	10 41				434013
10469	AREQUIPA	9007	63 09 09	23 29 25.57	20 30 54	-33 34				434023
10470	AREQUIPA	9007	63 09 10	1 14 57.38	15 01 30	-51 20				434023
10466	OLFSFTN	9002	63 09 10	1 46 56.67	7 09 24	-12 07				434013
10473	WOOMERA	9003	63 09 10	11 31 47.82	18 00 00	-62 48				434023
10471	OLFSFTN	9002	63 09 10	18 20 32.70	23 13 30	-76 48				434023
10474	WOOMERA	9003	63 09 11	11 22 08.93	19 46 54	-77 38				434023
10475	WOOMERA	9003	63 09 13	12 44 56.49	14 23 36	-51 45				434023
10478	V.DLORES	9011	63 09 14	0 40 18.33	3 02 36	-72 53				434023
10479	V.DLORES	9011	63 09 14	2 22 54.63	14 17 54	-55 11				434023
10480	V.DLORES	9011	63 09 15	2 11 42.07	14 09 42	-53 02				434023
10476	WOOMERA	9003	63 09 15	12 23 02.84	13 57 24	-51 27				434023
10477	WOOMERA	9003	63 09 15	12 25 53.62	12 24 30	-72 12				434023
10481	MAUI, HA	9012	63 09 15	14 40 46.01	7 11 48	-35 33				434023
10482	OLFSFTN	9002	63 09 15	17 27 08.20	2 54 30	-80 05				434023
10483	V.DLORES	9011	63 09 16	0 19 16.88	3 14 00	-67 52				434023
10484	V.DLORES	9011	63 09 16	2 00 51.59	13 57 00	-53 39				434023
10485	V.DLORES	9011	63 09 16	2 02 38.96	13 14 00	-66 45				434023
10486	WOOMERA	9003	63 09 16	12 12 55.39	13 33 48	-57 09				434023
10489	V.DLORES	9011	63 09 17	0 08 26.46	3 14 06	-67 49				434023
10490	V.DLORES	9011	63 09 17	1 50 32.68	13 36 30	-57 55				434023
10491	V.DLORES	9011	63 09 17	1 52 17.11	12 36 54	-70 30				434023
10487	CURACAO	9009	63 09 17	9 13 37.33	0 39 42	47 18				434013
10488	CURACAO	9009	63 09 17	9 15 14.10	4 47 00	82 25				434013
10492	WOOMERA	9003	63 09 17	12 02 19.03	13 16 06	-59 21				434023
10493	WOOMERA	9003	63 09 17	12 05 47.77	8 25 30	-77 22				434023
10494	NAINITAL	9006	63 09 17	22 52 09.13	6 43 24	-27 18				434023
10495	NAINITAL	9006	63 09 17	22 53 28.66	8 13 30	-5 31				434013
10496	WOOMERA	9003	63 09 18	9 59 38.79	13 11 42	-23 52				434023
10497	WOOMERA	9003	63 09 18	10 08 54.41	2 57 00	-70 12				434023
10500	OLFSFTN	9002	63 09 18	16 48 37.05	12 44 00	-45 21				434023
10498	NAINITAL	9006	63 09 18	22 41 33.33	6 30 36	-20 33				434013
10501	V.DLORES	9011	63 09 18	23 38 44.09	13 09 18	-37 00				434023
10506	SHIRAZ	9008	63 09 19	0 23 56.45	7 09 42	-14 32				434013
10503	WOOMERA	9003	63 09 19	9 49 03.27	12 55 42	-27 26				434023
10504	WOOMERA	9003	63 09 19	9 58 17.10	2 53 00	-68 19				434023
10505	NAINITAL	9006	63 09 19	22 32 05.98	8 02 36	10 26				434013

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10514	V.DLORES	9011	63 09 20	23 20 39.45	11 52 00	-70 20				434023
10511	SFERNNDO	9004	63 09 21	5 12 03.33	2 34 00	28 24				434013
10507	ORGNPASS	9001	63 09 21	12 00 37.49	23 13 54	58 35				434013
10512	SFERNNDO	9004	63 09 22	5 01 48.19	2 47 12	61 06				434013
10509	WOOMERA	9003	63 09 22	11 08 18.41	12 14 00	-63 33				434023
10510	WOOMERA	9003	63 09 22	11 13 48.68	3 50 24	-63 49				434023
10508	ORGNPASS	9001	63 09 22	11 49 50.97	22 30 00	57 58				434013
10518	SFERNNDO	9004	63 09 23	4 51 45.72	9 27 00	80 50				434013
10516	WOOMERA	9003	63 09 23	10 57 28.13	12 04 48	-64 13				434023
10517	WOOMERA	9003	63 09 23	11 03 03.20	3 29 24	-62 41				434023
10515	ORGNPASS	9001	63 09 23	11 39 27.42	21 12 42	65 51				434013
10519	SFERNNDO	9004	63 09 24	4 40 52.31	13 55 30	88 28				434013
10521	WOOMERA	9003	63 09 24	10 46 28.98	11 59 24	-63 55				434023
10522	WOOMERA	9003	63 09 24	10 52 51.97	2 58 00	-56 38				434023
10520	ORGNPASS	9001	63 09 24	11 29 02.85	19 40 42	69 48				434013
10523	WOOMERA	9003	63 09 24	12 35 11.80	15 02 18	-66 38				434023
10525	OLFSFTN	9002	63 09 24	19 22 51.41	12 53 00	-73 59				434023
10524	SFERNNDO	9004	63 09 25	4 30 45.46	12 52 30	72 05				434013
10527	WOOMERA	9003	63 09 25	10 35 12.44	11 59 00	-61 42				434023
10528	WOOMERA	9003	63 09 25	10 41 43.90	2 43 00	-58 18				434023
10529	WOOMERA	9003	63 09 25	12 24 23.02	15 15 42	-66 01				434023
10526	OLFSFTN	9002	63 09 25	19 13 28.08	11 23 00	-84 46				434023
10532	WOOMERA	9003	63 09 26	10 24 24.49	11 51 06	-62 40				434023
10533	WOOMERA	9003	63 09 26	12 13 54.97	15 47 00	-67 10				434023
10530	OLFSFTN	9002	63 09 26	19 01 05.65	13 22 18	-73 57				434023
10531	OLFSFTN	9002	63 09 26	19 02 38.57	12 40 00	-85 55				434023
10535	OLFSFTN	9002	63 09 27	18 52 04.81	16 26 00	-88 10				434023
10536	OLFSFTN	9002	63 09 28	18 42 00.48	23 17 00	-82 13				434023
10538	WOOMERA	9003	63 09 29	9 51 45.25	11 38 48	-63 44				434023
10539	WOOMERA	9003	63 09 29	11 43 32.30	19 50 18	-60 13				434023
10537	OLFSFTN	9002	63 09 29	18 31 59.63	23 36 48	-71 31				434023
10541	V.DLORES	9011	63 09 29	23 33 18.29	0 35 48	-79 45				434023
10540	AREQUIPA	9007	63 09 30	1 20 08.79	18 05 00	-88 37				434023
10542	WOOMERA	9003	63 09 30	9 43 34.11	9 32 00	-85 06				434023
10544	WOOMERA	9003	63 10 02	11 12 46.17	21 02 00	-20 28				434013
10545	OLFSFTN	9002	63 10 02	18 00 30.45	22 32 36	-47 20				434023
10547	AREQUIPA	9007	63 10 03	0 47 40.17	18 16 00	-79 43				434023
10546	WOOMERA	9003	63 10 03	11 02 40.46	21 14 06	- 4 05				434013
10553	AREQUIPA	9007	63 10 04	0 37 31.15	19 37 30	-74 44				434023
10552	WOOMERA	9003	63 10 04	10 53 01.57	21 36 24	13 40				434013
10548	OLFSFTN	9002	63 10 04	17 41 26.80	22 59 24	- 1 25				434013
10554	AREQUIPA	9007	63 10 05	0 27 17.57	20 08 54	-67 30				434023
10555	AREQUIPA	9007	63 10 05	2 12 35.93	17 13 30	-16 31				434013
10549	OLFSFTN	9002	63 10 05	17 31 19.60	22 51 12	10 46				434013
10550	OLFSFTN	9002	63 10 05	19 11 02.30	16 56 24	- 6 37				434013
10551	OLFSFTN	9002	63 10 05	19 13 39.02	17 58 18	10 34				434013
10556	AREQUIPA	9007	63 10 06	0 16 01.76	18 56 00	-64 32				434023
10557	OLFSFTN	9002	63 10 06	19 00 30.18	16 55 18	- 1 15				434013
10558	OLFSFTN	9002	63 10 06	19 03 58.77	18 13 30	22 26				434013
10562	V.DLORES	9011	63 10 07	0 04 26.89	17 35 06	- 2 35				434013
10561	AREQUIPA	9007	63 10 07	0 06 15.94	19 50 24	-51 12				434023
10559	OLFSFTN	9002	63 10 07	18 50 39.79	17 06 54	8 12				434013
10560	OLFSFTN	9002	63 10 07	18 52 38.13	17 48 24	21 24				434013
10563	OLFSFTN	9002	63 10 08	16 57 59.03	21 07 54	20 36				434013
10564	AREQUIPA	9007	63 10 09	1 32 12.07	17 26 36	20 07				434013
10568	V.DLORES	9011	63 10 09	23 31 09.31	16 37 30	5 02				434013
10567	AREQUIPA	9007	63 10 09	23 35 09.62	19 33 30	- 9 30				434013
10565	ORGNPASS	9001	63 10 10	12 11 33.60	3 33 18	69 34				434013
10573	CURACAO	9009	63 10 10	23 29 50.78	22 03 30	-43 23				434023
10566	SFERNNDO	9004	63 10 11	5 12 44.49	7 17 24	0 41				434013
10587	TOKYO	9005	63 10 11	18 48 47.80	9 40 12	12 16				434013
10574	CURACAO	9009	63 10 11	23 19 07.82	21 38 42	-38 58				434023
10575	CURACAO	9009	63 10 12	1 04 19.62	17 22 42	- 3 30				434013
10578	JUPITER	9010	63 10 12	1 05 22.44	20 22 36	-39 35				434023
10572	SHIRAZ	9008	63 10 12	1 37 57.50	1 26 36	40 17				434013
10580	MAUI, HA	9012	63 10 12	15 16 37.25	11 01 30	65 54				434013
10585	SFERNNDO	9004	63 10 12	19 50 24.94	21 50 00	-36 32				434023
10576	CURACAO	9009	63 10 12	23 08 57.73	21 35 12	-27 51				434023
10577	CURACAO	9009	63 10 13	0 54 07.65	17 11 18	6 57				434013
10579	JUPITER	9010	63 10 13	0 54 19.63	19 48 42	-36 38				434023

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10569	ORGNPASS	9001	63 10 13	2 37 51.80	20 50 00	-36 37				434023
10586	SFERNNDO	9004	63 10 13	4 51 47.20	6 55 18	-26 08				434023
10581	MAUI,HA	9012	63 10 13	5 59 54.58	18 53 36	-26 15				434023
10570	ORGNPASS	9001	63 10 13	11 40 40.94	6 41 12	-18 35				434013
10582	MAUI,HA	9012	63 10 13	15 06 27.07	10 03 18	43 11				434013
10589	SHIRAZ	9008	63 10 13	16 14 30.28	19 31 42	-29 12				434023
10571	SFERNNDO	9004	63 10 13	19 39 29.93	21 26 48	-34 27				434023
10588	MAINITAL	9006	63 10 13	23 36 27.87	5 07 00	-26 42				434023
10591	CURACAO	9009	63 10 14	0 45 06.01	17 09 48	30 04				434013
10590	SHIRAZ	9008	63 10 14	1 18 26.34	5 32 42	-27 19				434023
10583	ORGNPASS	9001	63 10 14	2 26 46.87	20 17 30	-34 24				434023
10593	MAUI,HA	9012	63 10 14	5 49 46.14	18 45 36	-14 14				434013
10584	ORGNPASS	9001	63 10 14	11 30 35.58	7 01 00	-33 56				434023
10598	MAINITAL	9006	63 10 14	14 22 14.16	19 10 18	-19 33				434013
10595	SFERNNDO	9004	63 10 14	19 29 25.65	21 34 36	-27 30				434023
10599	MAINITAL	9006	63 10 14	23 26 18.60	5 34 42	-40 33				434023
10600	ORGNPASS	9001	63 10 15	2 17 07.58	20 36 36	-23 51				434023
10603	MAUI,HA	9012	63 10 15	5 39 41.78	18 41 00	1 46				434013
10604	MAUI,HA	9012	63 10 15	14 45 29.63	8 36 36	-1 49				434013
10601	CURACAO	9009	63 10 16	0 23 51.38	16 29 24	40 23				434013
10605	MAUI,HA	9012	63 10 16	5 28 51.58	18 11 24	9 28				434013
10602	CURACAO	9009	63 10 16	9 30 53.85	4 59 12	-7 25				434013
10611	SHIRAZ	9008	63 10 16	15 43 03.08	18 45 24	-4 56				434013
10612	SHIRAZ	9008	63 10 16	17 29 49.24	16 53 30	26 32				434013
10606	SFERNNDO	9004	63 10 16	19 08 27.57	21 25 06	-14 59				434013
10607	SFERNNDO	9004	63 10 16	20 53 08.97	17 56 18	7 05				434013
10608	CURACAO	9009	63 10 17	0 12 57.65	16 08 18	41 56				434013
10613	JUPITER	9010	63 10 17	1 59 27.95	16 38 06	31 10				434013
10609	CURACAO	9009	63 10 17	9 20 49.69	5 30 30	-42 30				434023
10610	MAINITAL	9006	63 10 17	13 50 59.28	18 30 12	12 26				434013
10624	SHIRAZ	9008	63 10 17	15 32 58.52	18 44 36	10 52				434013
10625	SHIRAZ	9008	63 10 17	17 19 10.63	16 35 42	30 47				434013
10616	SFERNNDO	9004	63 10 17	18 58 00.25	21 26 18	-6 32				434013
10617	SFERNNDO	9004	63 10 17	20 42 33.34	17 39 18	13 30				434013
10630	CURACAO	9009	63 10 18	0 01 36.78	15 47 30	39 16				434013
10614	ORGNPASS	9001	63 10 18	1 45 05.46	19 43 00	-2 29				434013
10632	JUPITER	9010	63 10 18	1 48 59.11	16 18 12	36 57				434013
10015	ORGNPASS	9001	63 10 18	3 31 01.09	16 54 12	25 04				434013
10635	MAUI,HA	9012	63 10 18	5 07 28.43	17 21 06	27 05				434013
10631	CURACAO	9009	63 10 18	9 10 25.98	5 13 24	-54 28				434023
10620	MAINITAL	9006	63 10 18	13 40 20.30	18 08 36	22 05				434013
10626	SHIRAZ	9008	63 10 18	15 22 24.02	18 26 18	22 00				434013
10621	MAINITAL	9006	63 10 18	15 27 51.79	16 04 30	46 22				434013
10627	SHIRAZ	9008	63 10 18	17 09 06.65	16 13 36	40 05				434013
10633	JUPITER	9010	63 10 18	23 51 19.41	18 12 36	18 28				434013
10636	MAUI,HA	9012	63 10 19	4 57 19.84	17 08 24	42 32				434013
10622	MAINITAL	9006	63 10 19	13 30 10.53	18 03 48	39 12				434013
10628	SHIRAZ	9008	63 10 19	15 11 23.17	17 51 42	26 18				434013
10623	MAINITAL	9006	63 10 19	15 17 43.15	15 32 06	54 31				434013
10629	SHIRAZ	9008	63 10 19	16 59 00.64	15 46 18	48 55				434013
10618	SFERNNDO	9004	63 10 19	18 39 45.01	0 35 00	30 32				434013
10619	SFERNNDO	9004	63 10 19	20 21 21.55	17 04 18	26 25				434013
10637	TOKYO	9005	63 10 20	9 57 19.50	17 39 42	35 26				434013
10638	MAINITAL	9006	63 10 20	13 18 50.10	17 17 18	36 57				434013
10639	MAINITAL	9006	63 10 20	15 06 53.54	15 12 24	55 48				434013
10644	SHIRAZ	9008	63 10 20	16 48 53.39	15 10 54	57 12				434013
10640	SFERNNDO	9004	63 10 20	20 11 21.65	16 50 12	40 18				434013
10643	ORGNPASS	9001	63 10 21	2 59 30.09	15 54 36	43 45				434013
10641	AREQUIPA	9007	63 10 21	8 42 03.03	9 39 48	23 58				434013
10642	MAINITAL	9006	63 10 21	13 07 45.96	16 43 54	38 35				434013
10646	SHIRAZ	9008	63 10 21	14 49 38.52	16 54 18	37 05				434013
10647	SHIRAZ	9008	63 10 21	16 38 40.34	14 25 42	63 50				434013
10645	SFERNNDO	9004	63 10 21	20 00 24.84	16 28 24	42 12				434013
10650	AREQUIPA	9007	63 10 22	8 31 53.68	9 57 42	2 48				434013
10649	SFERNNDO	9004	63 10 22	19 49 46.16	16 07 48	47 50				434013
10652	ORGNPASS	9001	63 10 23	2 39 00.07	14 53 18	60 24				434013
10653	TOKYO	9005	63 10 23	9 25 17.50	16 34 24	56 07				434013
10654	TOKYO	9005	63 10 23	11 12 05.60	15 18 30	54 29				434013
10656	ORGNPASS	9001	63 10 24	2 28 21.23	14 23 24	63 44				434013
10661	TOKYO	9005	63 10 24	9 14 16.00	16 04 36	56 40				434013
10662	TOKYO	9005	63 10 24	11 01 45.10	14 47 36	60 45				434013
10657	SFERNNDO	9004	63 10 24	19 28 13.85	15 25 12	54 55				434013
10658	ORGNPASS	9001	63 10 25	2 17 39.30	13 53 00	66 19				434013
10659	ORGNPASS	9001	63 10 26	2 06 00.64	14 04 12	60 02				434013
10063	V.DLORES	9011	63 10 26	7 51 41.51	8 42 36	5 12				434013
10660	MOOMERA	9003	63 10 26	18 04 31.42	10 04 48	-7 57				434013
10664	ORGNPASS	9001	63 10 27	1 56 07.43	12 54 48	69 44				434013
10665	MOOMERA	9003	63 10 27	17 53 44.20	10 06 42	-16 06				434013

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10666	SFERNDDO	9004	63 10 27	20 42 16.16	15 02 06	54 26				434013
10667	SFERNDDO	9004	63 10 28	18 46 02.31	12 51 24	76 39				434013
10668	SFERNDDO	9004	63 10 28	20 31 21.24	14 54 54	55 11				434013
10669	V.DLORES	9011	63 10 29	7 20 06.66	10 14 42	-40 26				434023
10670	TOKYO	9005	63 10 30	9 55 56.50	13 52 36	62 41				434013
10673	TOKYO	9005	63 11 03	9 14 19.90	8 28 00	83 10				434013
10672	NAINITAL	9006	63 11 03	14 22 43.18	14 07 00	70 31				434013
10674	SHIRAZ	9008	63 11 03	16 04 11.87	14 05 48	68 08				434013
10675	ORGNPASS	9001	63 11 04	2 16 20.10	13 41 36	74 53				434013
10677	NAINITAL	9006	63 11 04	14 12 12.50	14 15 00	74 09				434013
10678	SHIRAZ	9008	63 11 04	15 54 08.16	14 00 00	75 30				434013
10676	ORGNPASS	9001	63 11 05	2 05 09.54	14 06 00	73 00				434013
10679	SHIRAZ	9008	63 11 05	15 43 19.34	14 26 54	76 41				434013
10680	ORGNPASS	9001	63 11 06	1 54 34.43	14 28 12	76 32				434013
10681	SFERNDDO	9004	63 11 07	18 44 33.11	19 18 24	76 23				434013
10682	SFERNDDO	9004	63 11 07	20 29 18.57	17 48 48	24 50				434013
10686	JUPITER	9010	63 11 07	23 52 46.83	3 28 00	83 04				434013
10687	MAUI,HA	9012	63 11 08	5 00 29.33	4 09 24	73 42				434013
10699	TOKYO	9005	63 11 08	10 05 17.70	17 45 42	38 23				434013
10685	SHIRAZ	9008	63 11 08	15 10 39.52	16 18 54	74 07				434013
10683	SFERNDDO	9004	63 11 08	18 33 32.16	19 06 42	72 10				434013
10684	SFERNDDO	9004	63 11 08	20 18 48.65	18 03 48	19 38				434013
10688	ORGNPASS	9001	63 11 09	1 22 54.57	20 02 48	79 00				434013
10689	ORGNPASS	9001	63 11 09	3 08 00.25	17 57 48	23 17				434013
10697	MAUI,HA	9012	63 11 09	4 49 32.87	3 27 18	74 34				434013
10692	NAINITAL	9006	63 11 09	13 18 38.46	18 28 48	73 23				434013
10693	NAINITAL	9006	63 11 09	15 03 48.66	18 04 30	18 03				434013
10694	SHIRAZ	9008	63 11 09	16 45 56.39	18 09 42	17 46				434013
10695	CURACAO	9009	63 11 09	23 33 53.06	17 22 00	87 20				434013
10690	ORGNPASS	9001	63 11 10	1 12 40.20	22 04 24	69 16				434013
10691	ORGNPASS	9001	63 11 10	2 57 15.36	18 01 54	18 15				434013
10700	NAINITAL	9006	63 11 10	14 54 29.39	18 47 49	3 43				434013
10698	ORGNPASS	9001	63 11 11	1 04 59.20	0 37 54	12 30				434013
10703	NAINITAL	9006	63 11 11	14 44 24.37	19 05 30	- 7 30				434013
10702	SFERNDDO	9004	63 11 11	19 47 29.02	18 45 48	- 1 47				434013
10706	JUPITER	9010	63 11 12	0 55 46.86	18 41 42	7 47				434013
10707	MAUI,HA	9012	63 11 12	6 02 56.53	18 32 12	20 10				434013
10704	NAINITAL	9006	63 11 12	12 46 43.26	20 00 18	51 05				434013
10709	SHIRAZ	9008	63 11 12	14 31 25.17	23 34 06	7 44				434013
10705	NAINITAL	9006	63 11 12	14 33 29.84	18 55 54	-11 02				434013
10708	ORGNPASS	9001	63 11 13	2 26 00.92	18 36 36	- 5 08				434013
10711	MAUI,HA	9012	63 11 13	5 53 17.20	19 08 36	0 37				434013
10710	TOKYO	9005	63 11 13	9 12 28.80	19 03 00	- 0 34				434013
10712	SHIRAZ	9008	63 11 13	16 03 57.40	18 33 18	- 9 48				434013
10714	JUPITER	9010	63 11 14	0 34 55.38	18 55 18	-11 28				434013
10715	MAUI,HA	9012	63 11 14	5 42 23.86	18 55 36	- 5 28				434013
10713	TOKYO	9005	63 11 14	9 01 24.40	18 45 54	- 3 47				434013
10742	JUPITER	9010	63 11 15	0 23 20.99	18 23 48	- 9 03				434013
10724	AREQUIPA	9007	63 11 16	0 24 10.11	23 10 54	19 07				434013
10734	TOKYO	9005	63 11 16	8 38 40.70	17 53 36	- 4 27				434013
10725	AREQUIPA	9007	63 11 17	0 13 14.86	22 20 24	8 08				434013
10727	MAUI,HA	9012	63 11 17	5 08 47.70	17 54 18	-10 03				434013
10726	V.DLORES	9011	63 11 17	7 28 35.46	13 30 00	-56 53				434023
10721	WOOMERA	9003	63 11 17	10 26 55.95	22 42 42	41 40				434013
10722	WOOMERA	9003	63 11 17	10 31 24.21	3 45 06	- 7 29				434013
10723	WOOMERA	9003	63 11 17	12 14 15.60	19 47 30	-15 16				434013
10716	OLFSFTN	9002	63 11 17	19 00 50.13	19 19 48	-18 05				434013
10717	OLFSFTN	9002	63 11 17	19 04 06.25	16 16 00	-78 12				434023
10735	AREQUIPA	9007	63 11 18	0 02 29.37	21 41 42	- 8 04				434013
10728	V.DLORES	9011	63 11 18	0 06 21.21	0 05 24	18 31				434013
10718	OLFSFTN	9002	63 11 18	2 13 20.00	1 29 48	-73 29				434023
10719	OLFSFTN	9002	63 11 18	2 16 45.40	11 37 42	-10 21				434013
10743	MAUI,HA	9012	63 11 18	4 57 58.18	17 44 30	-14 25				434013
10736	AREQUIPA	9007	63 11 18	9 06 22.89	12 32 30	-39 05				434023
10731	WOOMERA	9003	63 11 18	12 03 38.25	19 23 42	-23 13				434023
10732	WOOMERA	9003	63 11 18	17 28 39.39	15 10 12	-69 16				434023
10733	WOOMERA	9003	63 11 18	17 30 34.39	12 35 48	-37 21				434023
10729	OLFSFTN	9002	63 11 18	18 50 26.16	18 54 30	-29 24				434023
10730	OLFSFTN	9002	63 11 18	18 52 18.80	17 55 30	-62 45				434023
10740	AREQUIPA	9007	63 11 18	23 51 19.61	20 37 36	-13 00				434013
10741	AREQUIPA	9007	63 11 19	8 55 25.81	11 56 48	-36 26				434023
10737	WOOMERA	9003	63 11 19	11 53 32.77	18 46 54	-39 31				434023

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10739	WOMERA	9003	63 11 19	17 19 31.26	12 15 30	-37 52				434023
10744	V.DLORES	9011	63 11 20	1 32 06.71	17 25 12	-59 16				434023
10745	V.DLORES	9011	63 11 20	6 56 07.28	11 31 24	-47 26				434023
10746	AREQUIPA	9007	63 11 20	8 43 59.46	10 54 54	-46 40				434023
10747	MAUI, HA	9012	63 11 20	15 45 06.98	13 18 00	- 9 12				434013
10748	AREQUIPA	9007	63 11 21	8 32 49.92	9 33 06	-48 56				434023
10752	JUPITER	9010	63 11 21	10 28 27.33	12 58 48	-17 39				434013
10749	WOMERA	9003	63 11 21	11 31 59.40	17 51 42	-47 01				434023
10750	WOMERA	9003	63 11 21	11 33 21.24	16 06 18	-66 20				434023
10759	MAUI, HA	9012	63 11 21	15 33 27.64	12 41 12	-13 10				434013
10751	WOMERA	9003	63 11 21	18 44 48.34	6 44 24	39 08				434013
10753	AREQUIPA	9007	63 11 22	8 22 03.92	8 36 48	-34 40				434023
10760	MAUI, HA	9012	63 11 22	15 21 38.21	11 48 42	-20 34				434013
10756	MAINITAL	9006	63 11 22	23 55 13.24	12 25 18	-10 32				434013
10754	ORGNPASS	9001	63 11 23	11 49 19.80	12 30 36	-17 15				434013
10757	MAINITAL	9006	63 11 23	23 44 15.69	12 10 42	- 6 04				434013
10758	SHIRAZ	9008	63 11 24	1 25 40.83	11 51 18	-13 52				434013
10764	SHIRAZ	9008	63 11 25	1 14 50.77	11 41 24	- 7 50				434013
10763	TOKYO	9005	63 11 25	20 00 41.80	11 31 18	9 21				434013
10761	SFERNNDO	9004	63 11 26	4 28 48.02	12 13 00	-11 51				434013
10762	SFERNNDO	9004	63 11 26	6 12 15.48	7 58 12	- 2 50				434013
10768	JUPITER	9010	63 11 26	9 33 24.59	11 42 18	0 01				434013
10766	TOKYO	9005	63 11 26	19 50 34.40	12 20 30	25 29				434013
10767	MAINITAL	9006	63 11 26	23 11 40.52	11 46 30	16 52				434013
10765	SFERNNDO	9004	63 11 27	6 03 35.55	9 59 36	39 26				434013
10770	ORGNPASS	9001	63 11 27	12 48 52.34	6 02 06	10 19				434013
10777	MAUI, HA	9012	63 11 27	14 28 43.88	12 04 54	42 54				434013
10774	MAINITAL	9006	63 11 27	23 00 42.34	11 33 48	25 15				434013
10776	SHIRAZ	9008	63 11 28	0 42 56.35	11 59 36	24 14				434013
10771	ORGNPASS	9001	63 11 28	10 55 37.85	12 28 48	12 31				434013
10772	ORGNPASS	9001	63 11 28	12 41 13.80	7 47 12	71 56				434013
10782	TOKYO	9005	63 11 28	19 29 44.60	13 39 42	42 45				434013
10775	MAINITAL	9006	63 11 28	22 50 44.36	12 41 18	40 47				434013
10778	ORGNPASS	9001	63 11 29	10 45 08.64	12 46 48	21 11				434013
10784	MAINITAL	9006	63 11 29	22 40 24.27	13 25 30	47 55				434013
10780	SFERNNDO	9004	63 11 30	3 46 24.78	12 43 18	13 00				434013
10781	SFERNNDO	9004	63 11 30	5 31 21.27	10 35 06	69 00				434013
10779	ORGNPASS	9001	63 11 30	12 20 25.97	15 51 00	85 15				434013
10783	TOKYO	9005	63 11 30	19 07 33.90	13 37 42	52 44				434013
10785	MAINITAL	9006	63 12 01	0 14 35.65	2 43 36	71 23				434013
10786	MAINITAL	9006	63 12 02	0 03 52.26	1 45 24	73 09				434013
10789	MAINITAL	9006	63 12 02	23 52 56.93	1 09 12	72 43				434013
10788	SFERNNDO	9004	63 12 03	4 59 49.61	15 39 36	69 30				434013
10790	ORGNPASS	9001	63 12 03	11 47 45.40	19 08 30	79 40				434013
10792	WOMERA	9003	63 12 04	12 45 35.62	18 43 12	-66 48				434023
10793	SFERNNDO	9004	63 12 05	6 21 32.53	3 18 54	57 29				434013
10794	TOKYO	9005	63 12 05	19 59 12.50	20 40 42	76 33				434013
10796	WOMERA	9003	63 12 07	12 13 24.01	21 21 42	-59 41				434023
10797	WOMERA	9003	63 12 08	12 01 37.06	20 17 12	-46 50				434023
10795	ORGNPASS	9001	63 12 08	12 39 37.62	22 19 48	73 39				434013
10801	TOKYO	9005	63 12 08	19 26 41.00	18 57 48	70 31				434013
10798	V.DLORES	9011	63 12 09	1 39 00.40	21 16 12	-26 08				434023
10799	ORGNPASS	9001	63 12 09	12 28 47.50	21 36 00	73 35				434013
10800	SFERNNDO	9004	63 12 10	5 29 50.68	18 30 54	70 39				434013
10804	V.DLORES	9011	63 12 11	1 17 22.34	21 33 18	- 8 46				434013
10802	WOMERA	9003	63 12 11	11 28 45.58	20 41 12	-25 23				434023
10803	WOMERA	9003	63 12 11	11 30 15.73	22 45 54	- 5 39				434013
10805	V.DLORES	9011	63 12 12	1 06 41.61	21 45 48	1 16				434013
10810	TOKYO	9005	63 12 12	18 43 25.80	17 12 12	60 38				434013
10811	TOKYO	9005	63 12 12	20 30 21.30	15 53 12	65 43				434013
10806	V.DLORES	9011	63 12 13	0 56 11.94	22 05 12	13 06				434013
10807	WOMERA	9003	63 12 13	11 05 56.65	19 58 18	-19 03				434013
10808	WOMERA	9003	63 12 13	11 09 36.10	23 59 30	31 11				434013
10812	TOKYO	9005	63 12 13	18 33 12.00	16 32 00	52 24				434013
10813	TOKYO	9005	63 12 13	20 19 53.80	15 27 18	54 49				434013
10815	MAINITAL	9006	63 12 13	23 43 16.17	17 11 18	54 45				434013
10819	SHIRAZ	9008	63 12 14	1 23 48.54	18 01 24	66 01				434013
10814	TOKYO	9005	63 12 14	18 22 33.30	16 09 54	48 00				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10816	MAINITAL	9006	63 12 14	23 31 26.62	17 18 12	61 53				434013
10820	SHIRAZ	9008	63 12 15	1 12 43.93	17 44 12	66 27				434013
10809	SFERNNDO	9004	63 12 15	6 22 29.87	12 51 36	44 10				434013
10822	ORGNPASS	9001	63 12 15	11 24 51.69	16 39 54	56 26				434013
10823	TOKYO	9005	63 12 15	19 58 33.70	14 44 36	37 45				434013
10817	MAINITAL	9006	63 12 15	23 20 34.81	16 50 18	59 52				434013
10824	TOKYO	9005	63 12 16	19 47 16.20	14 12 36	37 57				434013
10825	MAINITAL	9006	63 12 16	23 09 54.60	16 17 42	55 18				434013
10826	SHIRAZ	9008	63 12 17	0 51 50.21	16 14 42	53 36				434013
10827	ORGNPASS	9001	63 12 17	12 49 46.47	12 20 00	36 58				434013
10828	TOKYO	9005	63 12 17	19 36 34.70	13 54 18	28 18				434013
10829	MAINITAL	9006	63 12 17	22 59 39.11	15 43 12	45 18				434013
10833	AREQUIPA	9007	63 12 18	0 04 58.16	1 19 36	43 41				434013
10830	SHIRAZ	9008	63 12 18	0 41 40.14	15 40 42	42 48				434013
10831	ORGNPASS	9001	63 12 18	10 53 05.17	15 19 30	38 32				434013
10832	ORGNPASS	9001	63 12 18	12 38 37.95	11 41 00	31 12				434013
10835	TOKYO	9005	63 12 18	19 25 43.10	13 32 36	20 51				434013
10836	MAINITAL	9006	63 12 18	22 48 48.04	15 20 18	41 28				434013
10871	SHIRAZ	9008	63 12 19	0 30 44.61	15 19 18	39 52				434013
10837	MAINITAL	9006	63 12 19	0 33 10.66	8 59 18	38 53				434013
10872	SHIRAZ	9008	63 12 19	2 16 42.68	11 23 12	19 38				434013
10840	JUPITER	9010	63 12 19	10 46 33.37	12 19 18	38 56				434013
10834	ORGNPASS	9001	63 12 19	12 28 07.88	11 46 12	14 52				434013
10841	MAUI, HA	9012	63 12 19	15 54 43.04	13 55 48	36 41				434013
10847	TOKYO	9005	63 12 19	19 15 17.70	13 22 36	8 15				434013
10838	MAINITAL	9006	63 12 19	22 38 44.44	14 56 06	28 15				434013
10843	SHIRAZ	9008	63 12 20	0 20 20.86	14 56 00	30 36				434013
10839	MAINITAL	9006	63 12 20	0 24 01.58	10 58 06	7 21				434013
10844	SHIRAZ	9008	63 12 20	2 06 03.76	11 18 18	5 51				434013
10842	ORGNPASS	9001	63 12 20	12 18 24.35	12 20 00	- 7 51				434013
10852	MAUI, HA	9012	63 12 20	15 43 24.48	13 08 54	35 51				434013
10855	TOKYO	9005	63 12 20	19 04 23.90	13 01 24	1 37				434013
10848	MAINITAL	9006	63 12 20	22 28 25.49	14 37 24	18 08				434013
10849	MAINITAL	9006	63 12 21	0 13 01.27	10 33 06	- 0 39				434013
10851	SHIRAZ	9008	63 12 21	1 55 10.10	10 58 00	- 3 22				434013
10853	MAUI, HA	9012	63 12 21	15 33 02.59	13 00 36	17 43				434013
10850	MAINITAL	9006	63 12 21	22 17 21.47	14 17 30	15 06				434013
10846	SFERNNDO	9004	63 12 22	5 06 57.87	11 17 06	-19 05				434013
10854	ORGNPASS	9001	63 12 22	11 56 43.48	11 41 06	-21 40				434013
10858	MAUI, HA	9012	63 12 22	15 22 18.07	12 38 06	5 29				434013
10860	TOKYO	9005	63 12 22	20 26 20.40	8 27 18	-19 31				434013
10863	CURACAO	9009	63 12 22	23 13 56.19	1 05 18	-35 19				434023
10862	SHIRAZ	9008	63 12 23	1 33 11.58	10 09 48	-16 40				434013
10859	ORGNPASS	9001	63 12 23	11 45 29.55	11 08 18	-25 06				434023
10865	MAUI, HA	9012	63 12 23	15 11 23.62	12 09 48	- 4 16				434013
10864	CURACAO	9009	63 12 23	23 04 43.52	3 51 24	36 15				434013
10861	MAINITAL	9006	63 12 23	23 41 29.39	10 31 24	-31 08				434023
10868	SHIRAZ	9008	63 12 24	1 22 52.02	10 18 00	-27 23				434023
10866	ORGNPASS	9001	63 12 24	11 34 57.75	11 01 36	-31 57				434023
10869	MAUI, HA	9012	63 12 24	15 01 22.43	12 16 18	-22 13				434013
10867	MAINITAL	9006	63 12 24	23 30 30.19	10 07 36	-34 49				434023
10873	CURACAO	9009	63 12 26	7 50 03.79	14 08 12	9 18				434013
10874	CURACAO	9009	63 12 26	9 35 28.24	9 56 24	-29 52				434023
10870	MAINITAL	9006	63 12 26	23 08 42.56	9 28 36	-41 43				434023
10876	JUPITER	9010	63 12 27	0 16 27.34	20 55 00	6 02				434013
10875	TOKYO	9005	63 12 27	8 47 37.90	3 14 48	-23 59				434023
10881	MAINITAL	9006	63 12 27	13 53 44.94	20 26 24	6 37				434013
10882	MAINITAL	9006	63 12 28	13 43 16.11	19 57 48	20 39				434013
10878	ORGNPASS	9001	63 12 29	1 37 11.74	21 10 24	0 33				434013
10883	MAINITAL	9006	63 12 29	13 32 49.22	19 22 06	35 31				434013
10880	SFERNNDO	9004	63 12 29	18 38 14.14	22 40 24	-14 58				434013
10885	SFERNNDO	9004	63 12 30	18 27 33.54	22 23 12	- 0 10				434013
10887	ORGNPASS	9001	63 12 31	1 16 14.45	20 02 36	45 55				434013
10888	SFERNNDO	9004	63 12 31	18 18 54.71	6 06 48	53 09				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10001	SFERMDO	9004	63 10 30	3 42 31.44	23 46 06	47 43				434013
10005	WOOMERA	9003	63 10 30	14 13 55.54	5 13 36	-34 56				434023
10006	WOOMERA	9003	63 10 30	14 17 47.38	4 49 48	-16 47				434013
10007	WOOMERA	9003	63 10 30	14 18 35.38	4 46 18	-13 02				434013
10002	OLFSFTN	9002	63 10 30	22 38 56.47	3 25 24	-45 39				434023
10003	OLFSFTN	9002	63 10 30	22 41 25.66	3 20 24	-31 31				434023
10004	OLFSFTN	9002	63 10 30	22 43 12.88	3 16 24	-21 10				434013
10011	V.DLORES	9011	63 10 31	4 13 48.66	4 30 12	-39 56				434023
10012	V.DLORES	9011	63 10 31	4 16 42.56	4 14 42	-24 20				434023
10020	AREQUIPA	9007	63 10 31	4 18 16.40	5 06 48	-36 09				434023
10021	AREQUIPA	9007	63 10 31	4 18 24.40	5 06 12	-35 31				434023
10022	AREQUIPA	9007	63 10 31	4 18 56.56	5 03 00	-33 04				434023
10013	V.DLORES	9011	63 10 31	4 19 46.67	4 03 18	- 8 18				434013
10008	ORGNPASS	9001	63 10 31	10 30 27.16	23 38 30	46 36				434013
10009	ORGNPASS	9001	63 10 31	10 30 43.16	23 35 12	47 16				434013
10010	ORGNPASS	9001	63 10 31	10 31 06.95	23 30 36	48 10				434013
10030	TOKYO	9005	63 10 31	13 18 44.50	6 49 18	50 08				434013
10031	TOKYO	9005	63 10 31	13 19 32.50	7 02 06	52 31				434013
10032	TOKYO	9005	63 10 31	13 21 56.50	7 49 36	58 36				434013
10017	WOOMERA	9003	63 10 31	15 22 04.25	3 25 12	-65 15				434023
10018	WOOMERA	9003	63 10 31	15 28 21.24	3 11 36	-30 22				434023
10019	WOOMERA	9003	63 10 31	15 30 53.34	3 08 06	-15 48				434013
10014	OLFSFTN	9002	63 10 31	23 51 27.40	1 09 00	-38 16				434023
10015	OLFSFTN	9002	63 10 31	23 52 30.82	1 15 18	-33 08				434023
10016	OLFSFTN	9002	63 10 31	23 54 12.18	1 23 06	-24 47				434023
10033	AREQUIPA	9007	63 11 01	5 31 01.86	2 49 54	-40 07				434023
10034	AREQUIPA	9007	63 11 01	5 31 09.96	2 50 00	-39 22				434023
10035	AREQUIPA	9007	63 11 01	5 31 17.86	2 50 00	-38 40				434023
10025	WOOMERA	9003	63 11 01	13 50 41.55	5 25 12	-32 21				434023
10026	WOOMERA	9003	63 11 01	13 53 58.25	5 04 06	-17 50				434013
10027	WOOMERA	9003	63 11 01	16 34 58.22	0 33 36	-53 01				434023
10028	WOOMERA	9003	63 11 02	14 55 25.51	5 21 30	-78 05				434023
10029	WOOMERA	9003	63 11 02	15 04 01.16	3 39 36	-35 44				434023
10023	OLFSFTN	9002	63 11 02	20 44 25.80	5 19 24	-14 01				434013
10024	OLFSFTN	9002	63 11 02	23 32 23.12	1 43 42	-18 14				434013
10037	V.DLORES	9011	63 11 03	4 57 48.48	2 16 06	-69 10				434023
10036	AREQUIPA	9007	63 11 03	5 08 10.64	3 19 24	-37 30				434023
10038	V.DLORES	9011	63 11 03	5 08 21.85	2 38 54	-10 55				434013
10039	ORGNPASS	9001	63 11 03	8 33 12.17	23 35 42	73 32				434013
10040	ORGNPASS	9001	63 11 03	8 35 38.78	21 31 00	77 20				434013
10042	WOOMERA	9003	63 11 03	13 32 08.99	5 07 18	-10 30				434013
10043	WOOMERA	9003	63 11 03	16 19 55.01	1 44 36	-14 04				434013
10041	OLFSFTN	9002	63 11 03	21 48 28.85	5 00 00	-61 04				434023
10044	AREQUIPA	9007	63 11 04	3 32 57.01	5 26 24	-26 08				434023
10053	V.DLORES	9011	63 11 04	6 19 26.34	1 13 24	-14 22				434013
10045	AREQUIPA	9007	63 11 04	6 20 49.39	1 13 24	-30 08				434023
10048	WOOMERA	9003	63 11 04	14 34 46.28	4 58 00	-64 41				434023
10049	WOOMERA	9003	63 11 04	14 44 40.83	3 49 54	-12 33				434013
10046	OLFSFTN	9002	63 11 04	22 59 41.91	1 08 00	-66 40				434023
10047	OLFSFTN	9002	63 11 04	23 09 01.36	2 02 00	-19 01				434013
10054	V.DLORES	9011	63 11 05	4 34 25.38	3 11 12	-69 48				434023
10051	AREQUIPA	9007	63 11 05	4 36 41.87	4 52 30	-72 22				434023
10052	AREQUIPA	9007	63 11 05	4 43 16.17	3 54 06	-44 51				434023
10055	V.DLORES	9011	63 11 05	4 45 13.33	2 59 30	- 9 44				434013
10050	ORGNPASS	9001	63 11 05	8 10 09.81	23 49 24	77 52				434013
10056	OLFSFTN	9002	63 11 05	21 24 24.17	5 38 18	-60 50				434023
10057	OLFSFTN	9002	63 11 05	21 33 31.91	4 22 12	-17 11				434013
10058	V.DLORES	9011	63 11 06	5 57 11.52	1 28 30	- 9 55				434013
10059	AREQUIPA	9007	63 11 06	5 57 23.67	1 30 48	-32 08				434023
10062	WOOMERA	9003	63 11 06	14 21 35.36	4 08 06	-10 36				434013
10060	OLFSFTN	9002	63 11 06	22 35 35.86	1 42 30	-71 56				434023
10061	OLFSFTN	9002	63 11 06	22 45 31.03	2 24 00	-20 17				434013
10067	AREQUIPA	9007	63 11 07	4 15 50.35	4 54 06	-60 51				434023
10068	AREQUIPA	9007	63 11 07	4 21 55.55	4 13 00	-32 56				434023
10063	ORGNPASS	9001	63 11 07	7 47 54.97	23 12 30	83 48				434013
10065	WOOMERA	9003	63 11 07	15 22 33.13	1 24 42	-71 31				434023
10066	WOOMERA	9003	63 11 07	15 33 48.88	2 21 48	-11 31				434013
10070	SHIRAZ	9008	63 11 07	21 48 06.10	22 00 36	74 54				434013
10064	OLFSFTN	9002	63 11 07	23 58 26.45	1 02 30	-13 04				434013
10069	WOOMERA	9003	63 11 08	13 58 10.90	4 24 54	-10 00				434013
10071	WOOMERA	9003	63 11 09	15 10 29.02	2 42 12	-11 06				434013
10073	WOOMERA	9003	63 11 10	13 34 27.11	4 40 30	-10 41				434013
10074	WOOMERA	9003	63 11 10	16 22 41.78	1 17 42	- 9 25				434013
10072	OLFSFTN	9002	63 11 10	21 58 18.57	3 12 30	-22 28				434013
10075	V.DLORES	9011	63 11 11	3 25 04.51	5 07 48	-59 56				434023
10076	WOOMERA	9003	63 11 11	14 46 51.25	3 03 36	-11 55				434013
10078	WOOMERA	9003	63 11 12	13 11 46.31	4 49 54	- 6 32				434013
10079	WOOMERA	9003	63 11 12	15 59 42.01	1 30 54	- 7 34				434013
10077	OLFSFTN	9002	63 11 12	21 33 19.87	3 42 12	-30 25				434023

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10080	V.DLORES	9011	63 11 13	5 50 30.49	0 09 00	-44 16				434023
10081	WOOMERA	9003	63 11 13	14 20 18.58	3 32 18	-28 44				434023
10082	WOOMERA	9003	63 11 14	15 36 10.79	1 44 54	- 7 47				434013
10085	WOOMERA	9003	63 11 15	13 43 56.43	9 26 24	-80 00				434013
10086	WOOMERA	9003	63 11 15	13 57 26.91	3 53 30	-24 01				434023
10089	AREQUIPA	9007	63 11 16	3 54 25.44	4 11 54	-61 35				434023
10087	WOOMERA	9003	63 11 16	15 12 49.63	2 01 36	- 6 53				434013
10083	OLFSFTN	9002	63 11 16	20 47 54.41	4 20 24	-19 05				434013
10090	V.DLORES	9011	63 11 17	2 15 12.46	5 50 42	-47 20				434023
10091	V.DLORES	9011	63 11 17	5 01 23.30	0 01 12	-58 05				434023
10088	WOOMERA	9003	63 11 17	13 37 25.50	4 01 42	- 4 41				434013
10084	OLFSFTN	9002	63 11 17	22 00 58.80	2 21 54	-15 28				434013
10093	WOOMERA	9003	63 11 18	14 50 17.20	2 20 42	- 1 39				434013
10092	OLFSFTN	9002	63 11 18	20 26 08.62	4 31 06	- 8 52				434013
10095	AREQUIPA	9007	63 11 19	4 42 48.81	1 22 12	-60 18				434023
10094	WOOMERA	9003	63 11 19	13 14 01.58	4 17 36	- 3 17				434013
10096	V.DLORES	9011	63 11 20	3 02 21.10	4 40 48	-65 04				434023
10099	WOOMERA	9003	63 11 20	14 26 53.66	2 39 36	- 0 18				434013
10097	OLFSFTN	9002	63 11 20	20 01 14.46	4 50 24	-14 00				434013
10098	OLFSFTN	9002	63 11 20	22 50 35.83	1 14 42	- 7 56				434013
10101	V.DLORES	9011	63 11 21	1 28 15.39	6 01 48	-40 25				434023
10102	V.DLORES	9011	63 11 21	4 15 35.71	1 07 42	-57 43				434023
10100	AREQUIPA	9007	63 11 21	4 19 09.35	1 59 24	-62 18				434023
10103	OLFSFTN	9002	63 11 21	21 13 06.27	3 09 36	-18 51				434013
10105	V.DLORES	9011	63 11 22	2 39 57.68	4 54 48	-56 31				434023
10106	V.DLORES	9011	63 11 22	5 29 20.20	0 13 00	-37 11				434023
10109	WOOMERA	9003	63 11 22	14 02 04.35	3 00 18	- 5 58				434013
10107	OLFSFTN	9002	63 11 22	19 39 31.97	4 55 24	- 4 38				434013
10108	OLFSFTN	9002	63 11 22	22 26 47.38	1 27 12	- 8 50				434013
10111	AREQUIPA	9007	63 11 23	3 55 51.46	2 42 12	-61 37				434023
10112	V.DLORES	9011	63 11 24	2 15 57.75	5 22 54	-54 55				434023
10113	V.DLORES	9011	63 11 24	5 05 10.72	0 15 00	-41 23				434023
10110	WOOMERA	9003	63 11 24	13 37 33.43	3 22 42	-10 08				434013
10115	WOOMERA	9003	63 11 26	12 57 49.47	9 13 42	-79 51				434023
10114	OLFSFTN	9002	63 11 26	21 41 02.40	2 02 18	- 1 13				434013
10116	V.DLORES	9011	63 11 27	3 04 30.07	3 02 54	-61 59				434023
10119	V.DLORES	9011	63 11 28	4 18 07.66	0 41 54	-45 01				434023
10118	AREQUIPA	9007	63 11 28	4 20 57.51	1 00 00	-54 19				434023
10117	WOOMERA	9003	63 11 28	12 52 44.85	3 55 42	3 07				434013
10120	AREQUIPA	9007	63 11 29	2 45 17.72	4 37 42	-55 42				434023
10121	AREQUIPA	9007	63 11 30	3 57 50.02	1 32 00	-54 15				434023
10122	AREQUIPA	9007	63 12 01	2 22 24.35	4 56 48	-49 47				434023
10123	WOOMERA	9003	63 12 03	13 18 12.93	2 57 12	6 35				434013
10125	V.DLORES	9011	63 12 04	3 07 28.07	1 53 42	-49 30				434023
10124	AREQUIPA	9007	63 12 04	3 11 05.03	2 42 48	-53 57				434023
10130	OLFSFTN	9002	63 12 04	20 07 29.53	3 24 00	5 21				434013
10128	V.DLORES	9011	63 12 05	1 31 27.44	4 57 36	-45 54				434023
10126	AREQUIPA	9007	63 12 05	1 35 55.84	5 24 48	-40 31				434023
10129	V.DLORES	9011	63 12 05	4 19 55.64	0 24 48	-36 34				434023
10127	AREQUIPA	9007	63 12 05	4 23 48.37	0 36 18	-41 10				434023
10133	V.DLORES	9011	63 12 07	3 57 03.98	0 41 42	-35 13				434023
10132	AREQUIPA	9007	63 12 07	4 00 02.76	0 51 18	-44 05				434023
10131	WOOMERA	9003	63 12 07	12 11 07.86	9 31 30	-79 39				434023
30002		0653	63 12 07	21 31 42.6	5 36 48	71 38				845044
10134	V.DLORES	9011	63 12 08	2 20 14.48	2 59 18	-50 22				434023
10136	V.DLORES	9011	63 12 09	0 45 26.96	5 16 06	-34 53				434023
10137	V.DLORES	9011	63 12 09	3 33 11.31	0 53 18	-38 23				434023
10135	AREQUIPA	9007	63 12 09	3 37 15.05	1 16 30	-42 33				434023
10138	CURACAO	9009	63 12 10	2 07 49.76	3 41 00	-46 54				434023
10139	V.DLORES	9011	63 12 11	0 27 37.76	4 52 30	- 8 30				434013
10140	V.DLORES	9011	63 12 11	3 09 54.24	1 13 00	-38 42				434023
10141	V.DLORES	9011	63 12 12	1 35 41.07	3 48 42	-33 21				434023
10148	TOKYO	9005	63 12 12	13 33 21.91	20 39 48	76 52				434013
10142	SHIRAZ	9008	63 12 12	19 05 39.09	23 05 18	77 08				434013
10144	V.DLORES	9011	63 12 13	2 47 06.61	1 38 12	-36 03				434023

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10143	AREQUIPA	9007	63 12 13	2 50 52.34	2 11 00	-41 29				434023
10152	V.DLORES	9011	63 12 14	1 12 08.13	4 11 06	-31 39				434023
10150	AREQUIPA	9007	63 12 14	1 16 12.25	4 49 54	-30 55				434023
10153	V.DLORES	9011	63 12 14	3 57 18.65	0 14 54	-34 53				434023
10151	AREQUIPA	9007	63 12 14	4 05 16.66	0 43 54	-22 31				434013
10145	WOMERA	9003	63 12 14	12 35 09.00	2 53 06	19 15				434013
10155	TOKYO	9005	63 12 14	13 06 21.70	23 58 30	75 55				434013
10154	V.DLORES	9011	63 12 15	2 24 27.16	2 04 18	-31 59				434023
10146	WOMERA	9003	63 12 15	10 50 44.74	4 53 00	-17 09				434013
10147	WOMERA	9003	63 12 15	10 51 04.26	4 51 30	-15 43				434013
10149	MAINITAL	9006	63 12 15	17 07 19.40	22 00 00	78 40				434013
10159	V.DLORES	9011	63 12 17	2 00 36.62	2 28 30	-34 01				434023
10158	AREQUIPA	9007	63 12 17	2 06 04.97	3 08 06	-28 59				434023
10156	ORGNPASS	9001	63 12 17	5 32 44.10	21 30 00	77 29				434013
10165	MAUI,HA	9012	63 12 17	7 50 04.53	3 03 00	-35 46				434023
10157	MAINITAL	9006	63 12 17	16 42 53.22	23 17 30	81 11				434013
10164	V.DLORES	9011	63 12 18	0 31 33.37	4 18 30	1 58				434013
10161	AREQUIPA	9007	63 12 18	0 31 56.14	5 03 54	-14 43				434013
10162	AREQUIPA	9007	63 12 18	3 18 19.63	1 09 54	-24 10				434023
10160	WOMERA	9003	63 12 18	11 25 01.59	9 30 12	-79 35				434023
10167	TOKYO	9005	63 12 18	11 56 40.10	3 11 00	-23 14				434023
10209	SHIRAZ	9008	63 12 18	17 29 40.14	3 27 12	-29 40				434023
30003	COWBEECH	0653	63 12 18	20 45 52.8	5 33 42	71 37				845044
10170	V.DLORES	9011	63 12 19	1 37 47.86	2 54 12	-29 42				434023
10169	AREQUIPA	9007	63 12 19	1 43 42.65	3 32 18	-21 35				434013
10163	CURACAO	9009	63 12 19	1 48 44.30	3 08 48	-35 15				434023
10166	ORGNPASS	9001	63 12 19	5 05 33.07	0 43 30	73 35				434013
10171	MAUI,HA	9012	63 12 19	7 26 38.65	3 23 54	-34 54				434023
10168	MAINITAL	9006	63 12 19	15 54 00.77	3 08 12	-29 13				434023
10172	V.DLORES	9011	63 12 20	2 49 08.74	1 04 36	-29 05				434023
10175	AREQUIPA	9007	63 12 20	2 57 25.86	1 31 42	-12 06				434013
10178	JUPITER	9010	63 12 20	3 30 39.92	22 57 36	75 50				434013
30004	COWBEECH	0653	63 12 20	20 23 08.0	6 31 00	72 02				845044
30005	COWBEECH	0653	63 12 20	23 05 18.9	1 07 10	40 40				845044
10179	V.DLORES	9011	63 12 21	1 13 09.40	3 21 42	-35 23				434023
10176	AREQUIPA	9007	63 12 21	1 21 45.83	3 51 00	-12 01				434013
10177	CURACAO	9009	63 12 21	1 27 57.67	3 28 48	-22 37				434013
10173	ORGNPASS	9001	63 12 21	4 20 39.60	2 58 24	-23 02				434023
10180	MAUI,HA	9012	63 12 21	7 06 17.89	3 41 00	-21 46				434013
10174	MAINITAL	9006	63 12 21	15 32 49.32	3 23 30	-20 17				434013
10185	SHIRAZ	9008	63 12 21	18 42 34.95	23 22 00	71 33				434013
30006	COWBEECH	0653	63 12 21	18 46 14.4	6 41 48	51 54				845044
10187	V.DLORES	9011	63 12 22	2 25 13.75	1 18 48	-32 16				434023
10186	CURACAO	9009	63 12 22	2 46 28.49	1 29 24	8 07				434013
10195	JUPITER	9010	63 12 22	2 52 57.25	2 26 18	20 05				434013
10181	ORGNPASS	9001	63 12 22	2 58 08.28	4 56 24	33 40				434013
10182	WOMERA	9003	63 12 22	10 55 36.98	4 10 30	-2 39				434013
10190	TOKYO	9005	63 12 22	11 24 15.30	3 52 12	44 17				434013
10183	MAINITAL	9006	63 12 22	14 08 54.46	5 14 18	29 01				434013
10184	MAINITAL	9006	63 12 22	16 55 16.39	1 29 42	24 54				434013
10192	SHIRAZ	9008	63 12 22	16 55 38.42	4 06 18	28 34				434013
10197	V.DLORES	9011	63 12 23	0 51 27.37	3 40 12	-24 00				434023
10193	CURACAO	9009	63 12 23	1 11 24.73	3 44 42	13 19				434013
10196	JUPITER	9010	63 12 23	1 19 54.10	4 42 36	31 02				434013
10188	ORGNPASS	9001	63 12 23	4 09 03.84	3 07 12	32 40				434013
10191	MAINITAL	9006	63 12 23	15 18 58.45	3 42 18	25 23				434013
10204	SHIRAZ	9008	63 12 23	18 07 03.95	2 10 06	24 44				434013
10189	SFERMND	9004	63 12 23	20 58 59.55	3 48 18	34 53				434013
10202	AREQUIPA	9007	63 12 24	2 09 35.89	2 12 12	-16 35				434013
10194	CURACAO	9009	63 12 24	2 23 31.47	1 46 06	11 50				434013
10198	ORGNPASS	9001	63 12 24	2 34 30.60	5 08 42	31 38				434013
10200	MAINITAL	9006	63 12 24	16 31 32.89	1 47 36	25 31				434013
10210	SHIRAZ	9008	63 12 24	16 32 21.28	4 26 12	28 51				434013
10203	AREQUIPA	9007	63 12 25	3 20 26.19	0 44 12	-18 23				434013
10201	MAINITAL	9006	63 12 25	17 46 11.51	0 33 18	27 42				434013
10211	CURACAO	9009	63 12 26	2 02 01.62	2 02 12	23 05				434013
10212	JUPITER	9010	63 12 26	2 06 51.74	3 11 12	26 17				434013
10206	ORGNPASS	9001	63 12 26	4 57 57.13	1 35 54	30 33				434013
10220	MAUI,HA	9012	63 12 26	7 39 20.54	2 23 36	16 51				434013
10208	MAINITAL	9006	63 12 26	16 07 33.40	2 08 48	24 31				434013
10207	SFERMND	9004	63 12 26	21 47 07.65	2 14 30	31 55				434013
10217	JUPITER	9010	63 12 27	0 32 08.69	5 06 48	25 11				434013
10213	V.DLORES	9011	63 12 27	2 49 39.79	0 34 24	-29 30				434023
10215	AREQUIPA	9007	63 12 27	2 57 13.53	0 56 42	-18 01				434013
10218	JUPITER	9010	63 12 27	3 18 20.66	1 26 42	19 10				434013
10214	ORGNPASS	9001	63 12 27	3 21 46.01	3 53 30	30 59				434013
10219	V.DLORES	9011	63 12 28	1 14 58.44	2 26 36	-32 53				434023
10216	CURACAO	9009	63 12 28	1 35 52.41	2 30 30	10 18				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10228	JUPITER	9010	63 12 28	1 43 12.66	3 35 00	25 39				434013
10221	ORGNPASS	9001	63 12 28	4 33 39.76	1 57 42	28 28				434013
10223	DLFSFTN	9002	63 12 28	17 56 18.58	5 39 00	-70 22				434023
10222	ORGNPASS	9001	63 12 29	2 58 26.20	4 14 48	31 11				434013
10242	TOKYO	9005	63 12 29	11 24 03.80	2 57 42	36 20				434013
10225	NAINITAL	9006	63 12 29	14 09 25.05	4 42 12	28 01				434013
10226	NAINITAL	9006	63 12 29	16 57 31.50	0 57 36	25 22				434013
10224	SFERNNDO	9004	63 12 29	22 37 16.47	0 58 42	32 51				434013
30001	CONBEECH	0653	63 12 29	22 47 52.4	23 53 54	55 43				845044
10233	V.DLORES	9011	63 12 30	0 52 01.93	2 51 48	-29 26				434023
10227	CURACAO	9009	63 12 30	1 11 57.59	2 54 54	8 42				434013
10229	ORGNPASS	9001	63 12 30	4 09 36.88	2 20 00	27 01				434013
10240	MAUI,HA	9012	63 12 30	6 52 20.55	3 10 42	18 12				434013
10230	NAINITAL	9006	63 12 30	15 20 57.82	2 52 36	28 38				434013
10231	CURACAO	9009	63 12 30	23 38 12.35	4 56 24	15 48				434013
10232	CURACAO	9009	63 12 31	2 24 26.26	1 12 18	8 03				434013
10234	ORGNPASS	9001	63 12 31	2 35 07.27	4 33 48	31 05				434013
10235	ORGNPASS	9001	63 12 31	5 22 56.24	0 54 36	25 32				434013
10238	NAINITAL	9006	63 12 31	13 46 41.37	4 59 48	30 15				434013
10236	SFERNNDO	9004	63 12 31	19 26 51.00	5 10 00	39 00				434013
10237	SFERNNDO	9004	63 12 31	22 13 49.46	1 10 12	35 18				434013