

← **GEN 2.7 SALIDA Y PUESTA DEL SOL**

1. Las tablas de las páginas siguientes han sido proyectadas por la Universidad Nacional de Colombia para su uso por parte de la Unidad Administrativa Especial de Aeronáutica Civil.

2. En las tablas se indican las horas correspondientes a la salida del sol (SR) y puesta del sol (SS)

3. Las horas indicadas para la salida y puesta del sol se expresan en UTC.

GEN 2.7 SUNRISE AND SUNSET

1. The tables on the following pages have been prepared by the Universidad Nacional de Colombia for use by the Unidad Administrativa Especial de Aeronautica Civil.

2. The tables indicate the times corresponding to sunrise (SR) and sunset (SS)

3. The times indicated for sunrise and sunset are expressed in UTC.

NOMBRE ACANDI
INDICADOR SKAD
COORDENADAS 08 29 53 N 077
16 26 W

Mes	Dia	SR	SS
JAN	1	11:25	23:01
	8	11:27	23:05
	15	11:29	23:08
	22	11:29	23:12
	29	11:29	23:14

FEB	5	11:29	23:16
	12	11:28	23:18
	19	11:26	23:19
	26	11:23	23:20

MAR	5	11:20	23:20
	12	11:17	23:19
	19	11:13	23:19
	26	11:10	23:19

APR	2	11:06	23:18
	9	11:02	23:18
	16	10:59	23:18
	23	10:56	23:18
	30	10:53	23:18

MAY	7	10:51	23:19
	14	10:50	23:20
	21	10:49	23:21
	28	10:49	23:23

JUN	4	10:50	23:25
	11	10:51	23:27
	18	10:53	23:28
	25	10:54	23:30

JUL	2	10:56	23:31
	9	10:58	23:32
	16	10:59	23:31
	23	11:00	23:30

NOMBRE AGUACHICA
INDICADOR SKAG
COORDENADAS 08 14 45,81 N
073 34 50,63 W

Mes	Dia	SR	SS
JAN	1	11:10	22:47
	8	11:12	22:51
	15	11:14	22:54
	22	11:14	22:57
	29	11:14	23:00

FEB	5	11:14	23:02
	12	11:13	23:03
	19	11:11	23:04
	26	11:08	23:05

MAR	5	11:06	23:05
	12	11:02	23:05
	19	10:59	23:04
	26	10:55	23:04

APR	2	10:51	23:03
	9	10:48	23:03
	16	10:44	23:03
	23	10:41	23:03
	30	10:39	23:03

MAY	7	10:37	23:04
	14	10:35	23:05
	21	10:35	23:06
	28	10:35	23:08

JUN	4	10:36	23:10
	11	10:37	23:11
	18	10:38	23:13
	25	10:40	23:15

JUL	2	10:42	23:16
	9	10:43	23:16
	16	10:45	23:16
	23	10:46	23:15

NOMBRE AMALFI
INDICADOR SKAM
COORDENADAS 06 53 43,59 N
075 02 50,82 W

Mes	Dia	SR	SS
JAN	1	11:14	22:55
	8	11:16	22:59
	15	11:17	23:02
	22	11:18	23:05
	29	11:18	23:07

FEB	5	11:18	23:09
	12	11:17	23:11
	19	11:16	23:11
	26	11:14	23:12

MAR	5	11:11	23:11
	12	11:08	23:11
	19	11:04	23:10
	26	11:01	23:09

APR	2	10:58	23:08
	9	10:54	23:08
	16	10:51	23:08
	23	10:49	23:08
	30	10:46	23:08

MAY	7	10:44	23:08
	14	10:43	23:09
	21	10:43	23:10
	28	10:43	23:11

JUN	4	10:44	23:13
	11	10:45	23:15
	18	10:47	23:16
	25	10:48	23:18

JUL	2	10:50	23:19
	9	10:51	23:20
	16	10:52	23:20
	23	10:53	23:19

	30	11:01	23:28		30	10:46	23:13		30	10:54	23:17
AUG	6	11:01	23:26	AUG	6	10:47	23:11	AUG	6	10:54	23:15
	13	11:01	23:23		13	10:47	23:08		13	10:54	23:13
	20	11:01	23:20		20	10:47	23:05		20	10:54	23:10
	27	11:01	23:16		27	10:46	23:01		27	10:53	23:06
SEP	3	11:00	23:12	SEP	3	10:46	22:57	SEP	3	10:52	23:03
	10	10:59	23:08		10	10:45	22:53		10	10:51	22:59
	17	10:59	23:04		17	10:44	22:49		17	10:50	22:55
	24	10:58	23:00		24	10:43	22:45		24	10:49	22:51
OCT	1	10:57	22:56	OCT	1	10:42	22:42	OCT	1	10:48	22:48
	8	10:56	22:53		8	10:42	22:38		8	10:47	22:45
	15	10:56	22:50		15	10:41	22:35		15	10:46	22:42
	22	10:57	22:48		22	10:42	22:33		22	10:47	22:40
	29	10:58	22:46		29	10:43	22:32		29	10:47	22:39
NOV	5	11:00	22:45	NOV	5	10:45	22:31	NOV	5	10:49	22:38
	12	11:02	22:45		12	10:47	22:31		12	10:51	22:38
	19	11:05	22:45		19	10:50	22:31		19	10:54	22:39
	26	11:08	22:46		26	10:53	22:32		26	10:57	22:40
DEC	3	11:12	22:48	DEC	3	10:56	22:34	DEC	3	11:00	22:42
	10	11:15	22:51		10	11:00	22:36		10	11:04	22:44
	17	11:19	22:54		17	11:04	22:39		17	11:07	22:47
	24	11:22	22:57		24	11:07	22:43		24	11:10	22:51
	31	11:23	23:01		31	11:08	22:46		31	11:11	22:54
NOMBRE	APIAY-afb			NOMBRE	ARARACUARA			NOMBRE	ARAUCA		
INDICADOR	SKAP			INDICADOR	SKAC			INDICADOR	SKUC		
COORDENADAS	04 04 33,86 N 073 33 45,70 W			COORDENADAS	00 36 02,71 S 072 23 53,21 W			COORDENADAS	07 04 08,08 N 070 44 13,05 W		
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
JAN	1	11:03	22:54	JAN	1	10:51	22:57	JAN	1	10:57	22:38
	8	11:06	22:57		8	10:54	23:00		8	10:59	22:41
	15	11:07	23:00		15	10:56	23:03		15	11:00	22:44
	22	11:09	23:03		22	10:58	23:05		22	11:01	22:47
	29	11:09	23:05		29	10:59	23:06		29	11:01	22:50
FEB	5	11:09	23:06	FEB	5	10:59	23:07	FEB	5	11:01	22:52
	12	11:09	23:07		12	10:59	23:07		12	11:00	22:53
	19	11:07	23:07		19	10:59	23:06		19	10:59	22:54
	26	11:06	23:07		26	10:58	23:04		26	10:56	22:54
MAR	5	11:04	23:06	MAR	5	10:57	23:02	MAR	5	10:54	22:54
	12	11:01	23:05		12	10:55	23:00		12	10:51	22:53
	19	10:58	23:03		19	10:54	22:58		19	10:47	22:53
	26	10:56	23:02		26	10:52	22:56		26	10:44	22:52
APR	2	10:53	23:01	APR	2	10:50	22:54	APR	2	10:40	22:51
	9	10:50	23:00		9	10:48	22:52		9	10:37	22:51
	16	10:47	22:59		16	10:46	22:50		16	10:34	22:50
	23	10:45	22:59		23	10:45	22:49		23	10:31	22:50

	30	10:43	22:59		30	10:44	22:48		30	10:29	22:51
MAY	7	10:42	22:59	MAY	7	10:43	22:48	MAY	7	10:27	22:51
	14	10:41	22:59		14	10:43	22:48		14	10:26	22:52
	21	10:41	23:00		21	10:44	22:48		21	10:25	22:53
	28	10:42	23:01		28	10:45	22:49		28	10:25	22:55
JUN	4	10:43	23:02	JUN	4	10:46	22:50	JUN	4	10:26	22:56
	11	10:44	23:04		11	10:47	22:51		11	10:27	22:58
	18	10:46	23:06		18	10:49	22:53		18	10:29	23:00
	25	10:47	23:07		25	10:50	22:54		25	10:31	23:01
JUL	2	10:49	23:08	JUL	2	10:52	22:56	JUL	2	10:32	23:02
	9	10:50	23:09		9	10:53	22:57		9	10:34	23:03
	16	10:51	23:10		16	10:53	22:58		16	10:35	23:03
	23	10:51	23:09		23	10:53	22:58		23	10:36	23:02
	30	10:51	23:08		30	10:53	22:58		30	10:36	23:00
AUG	6	10:51	23:06	AUG	6	10:52	22:57	AUG	6	10:37	22:58
	13	10:51	23:04		13	10:51	22:55		13	10:37	22:56
	20	10:50	23:02		20	10:50	22:54		20	10:36	22:53
	27	10:49	22:59		27	10:48	22:52		27	10:36	22:49
SEP	3	10:48	22:56	SEP	3	10:46	22:49	SEP	3	10:35	22:46
	10	10:46	22:52		10	10:43	22:47		10	10:34	22:42
	17	10:44	22:49		17	10:41	22:45		17	10:33	22:38
	24	10:43	22:46		24	10:38	22:42		24	10:32	22:34
OCT	1	10:41	22:43	OCT	1	10:35	22:40	OCT	1	10:30	22:31
	8	10:40	22:41		8	10:33	22:39		8	10:30	22:28
	15	10:39	22:39		15	10:31	22:37		15	10:29	22:25
	22	10:38	22:37		22	10:30	22:37		22	10:29	22:23
	29	10:38	22:36		29	10:29	22:37		29	10:30	22:22
NOV	5	10:39	22:36	NOV	5	10:29	22:37	NOV	5	10:32	22:21
	12	10:41	22:36		12	10:30	22:37		12	10:34	22:21
	19	10:43	22:37		19	10:32	22:39		19	10:37	22:21
	26	10:46	22:38		26	10:34	22:41		26	10:40	22:22
DEC	3	10:49	22:40	DEC	3	10:37	22:43	DEC	3	10:43	22:24
	10	10:53	22:43		10	10:40	22:46		10	10:47	22:27
	17	10:56	22:46		17	10:43	22:50		17	10:50	22:30
	24	11:00	22:50		24	10:47	22:53		24	10:53	22:33
	31	11:00	22:53		31	10:48	22:57		31	10:54	22:37
NOMBRE	ARAUQUITA			NOMBRE	ARMENIA / INTL			NOMBRE	BAHIA SOLANO		
INDICADOR	SKAT			INDICADOR	SKAR			INDICADOR	SKBS		
COORDENADAS	07 01 15,92 N 071 23 20,18 W			COORDENADAS	04 27 06,31 N 075 45 58,22 W			COORDENADAS	06 12 11,20 N 077 23 41,90 W		
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
JAN	1	10:59	22:40	JAN	1	10:52	22:38	JAN	1	11:22	23:06
	8	11:01	22:44		8	10:55	22:41		8	11:24	23:09
	15	11:03	22:47		15	10:56	22:44		15	11:26	23:12

	22	11:04	22:50		22	10:57	22:47		22	11:27	23:15
	29	11:04	22:53		29	10:57	22:49		29	11:27	23:18
FEB	5	11:04	22:54	FEB	5	10:57	22:51	FEB	5	11:27	23:19
	12	11:03	22:56		12	10:57	22:52		12	11:26	23:21
	19	11:01	22:57		19	10:55	22:53		19	11:25	23:21
	26	10:59	22:57		26	10:53	22:53		26	11:22	23:21
MAR	5	10:56	22:57	MAR	5	10:51	22:52	MAR	5	11:20	23:21
	12	10:53	22:56		12	10:48	22:51		12	11:17	23:20
	19	10:50	22:55		19	10:45	22:50		19	11:14	23:19
	26	10:46	22:54		26	10:42	22:49		26	11:11	23:18
APR	2	10:43	22:54	APR	2	10:39	22:48	APR	2	11:07	23:17
	9	10:40	22:53		9	10:36	22:48		9	11:04	23:17
	16	10:37	22:53		16	10:33	22:47		16	11:01	23:16
	23	10:34	22:53		23	10:30	22:47		23	10:59	23:16
	30	10:31	22:53		30	10:28	22:47		30	10:56	23:16
MAY	7	10:30	22:54	MAY	7	10:26	22:47	MAY	7	10:55	23:17
	14	10:28	22:54		14	10:25	22:48		14	10:54	23:17
	21	10:28	22:56		21	10:25	22:49		21	10:53	23:18
	28	10:28	22:57		28	10:25	22:50		28	10:53	23:20
JUN	4	10:29	22:59	JUN	4	10:26	22:52	JUN	4	10:54	23:21
	11	10:30	23:00		11	10:28	22:53		11	10:56	23:23
	18	10:32	23:02		18	10:29	22:55		18	10:57	23:25
	25	10:33	23:04		25	10:31	22:57		25	10:59	23:26
JUL	2	10:35	23:05	JUL	2	10:32	22:58	JUL	2	11:00	23:27
	9	10:36	23:05		9	10:34	22:59		9	11:02	23:28
	16	10:38	23:05		16	10:35	22:59		16	11:03	23:28
	23	10:39	23:05		23	10:35	22:58		23	11:04	23:27
	30	10:39	23:03		30	10:36	22:57		30	11:04	23:26
AUG	6	10:39	23:01	AUG	6	10:36	22:55	AUG	6	11:04	23:24
	13	10:39	22:58		13	10:36	22:52		13	11:04	23:22
	20	10:39	22:55		20	10:35	22:50		20	11:04	23:19
	27	10:38	22:52		27	10:34	22:46		27	11:03	23:15
SEP	3	10:37	22:48	SEP	3	10:33	22:43	SEP	3	11:02	23:12
	10	10:36	22:44		10	10:32	22:39		10	11:01	23:08
	17	10:35	22:40		17	10:31	22:36		17	10:59	23:05
	24	10:34	22:37		24	10:29	22:32		24	10:58	23:01
OCT	1	10:33	22:33	OCT	1	10:28	22:29	OCT	1	10:57	22:58
	8	10:32	22:30		8	10:27	22:26		8	10:56	22:55
	15	10:32	22:28		15	10:26	22:24		15	10:55	22:52
	22	10:32	22:26		22	10:26	22:22		22	10:55	22:50
	29	10:33	22:24		29	10:27	22:21		29	10:56	22:49
NOV	5	10:34	22:24	NOV	5	10:28	22:20	NOV	5	10:57	22:49
	12	10:37	22:24		12	10:30	22:20		12	10:59	22:49
	19	10:39	22:24		19	10:32	22:21		19	11:02	22:49

BARRANCABERMEJA				BARRANCOMINAS				BARRANQUILLA			
INDICADOR SKEJ				INDICADOR SKBM				INDICADOR SKBQ			
COORDENADAS 07 01 27,98 N 073 48 24,52 W				COORDENADAS 03 39 26,45 N 069 48 35,05 W				COORDENADAS 10 53 22,06 N 074 46 50,44 W			
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
DEC	26	10:42	22:25	DEC	26	10:35	22:22	DEC	26	11:05	22:50
DEC	3	10:46	22:27	DEC	3	10:39	22:24	DEC	3	11:08	22:52
	10	10:49	22:29		10	10:42	22:27		10	11:12	22:55
	17	10:53	22:33		17	10:46	22:30		17	11:15	22:58
	24	10:56	22:36		24	10:49	22:33		24	11:19	23:02
	31	10:57	22:40		31	10:50	22:37		31	11:19	23:05
JAN	1	11:09	22:50	JAN	1	10:47	22:40	JAN	1	11:19	22:47
	8	11:11	22:53		8	10:50	22:43		8	11:21	22:51
	15	11:13	22:57		15	10:52	22:46		15	11:22	22:55
	22	11:13	23:00		22	10:53	22:49		22	11:22	22:58
	29	11:13	23:02		29	10:53	22:51		29	11:22	23:01
FEB	5	11:13	23:04	FEB	5	10:53	22:52	FEB	5	11:22	23:04
	12	11:12	23:05		12	10:53	22:53		12	11:20	23:06
	19	11:11	23:06		19	10:52	22:53		19	11:18	23:07
	26	11:09	23:07		26	10:51	22:52		26	11:15	23:08
MAR	5	11:06	23:06	MAR	5	10:49	22:51	MAR	5	11:11	23:09
	12	11:03	23:06		12	10:46	22:50		12	11:08	23:09
	19	11:00	23:05		19	10:43	22:48		19	11:04	23:09
	26	10:56	23:04		26	10:41	22:47		26	10:59	23:09
APR	2	10:53	23:03	APR	2	10:38	22:46	APR	2	10:55	23:09
	9	10:49	23:03		9	10:35	22:45		9	10:51	23:09
	16	10:46	23:03		16	10:33	22:44		16	10:47	23:10
	23	10:43	23:03		23	10:31	22:43		23	10:44	23:10
	30	10:41	23:03		30	10:29	22:43		30	10:41	23:11
MAY	7	10:39	23:03	MAY	7	10:27	22:43	MAY	7	10:38	23:12
	14	10:38	23:04		14	10:27	22:43		14	10:37	23:13
	21	10:37	23:05		21	10:27	22:44		21	10:35	23:15
	28	10:38	23:07		28	10:27	22:45		28	10:35	23:17
JUN	4	10:39	23:08	JUN	4	10:28	22:47	JUN	4	10:36	23:19
	11	10:40	23:10		11	10:30	22:48		11	10:37	23:21
	18	10:41	23:12		18	10:31	22:50		18	10:38	23:23
	25	10:43	23:13		25	10:33	22:51		25	10:40	23:24
JUL	2	10:45	23:14	JUL	2	10:34	22:53	JUL	2	10:42	23:25
	9	10:46	23:15		9	10:35	22:54		9	10:44	23:26
	16	10:47	23:15		16	10:36	22:54		16	10:45	23:25
	23	10:48	23:14		23	10:37	22:54		23	10:47	23:23
	30	10:49	23:13		30	10:37	22:53		30	10:48	23:21
AUG	6	10:49	23:11	AUG	6	10:37	22:51	AUG	6	10:48	23:19
	13	10:49	23:08		13	10:36	22:49		13	10:49	23:15
	20	10:49	23:05		20	10:36	22:46		20	10:49	23:12

	27	10:48	23:01		27	10:34	22:44		27	10:49	23:08
SEP	3	10:47	22:58	SEP	3	10:33	22:41	SEP	3	10:49	23:03
	10	10:46	22:54		10	10:31	22:37		10	10:49	22:59
	17	10:45	22:50		17	10:29	22:34		17	10:48	22:54
	24	10:44	22:46		24	10:28	22:31		24	10:48	22:50
OCT	1	10:43	22:43	OCT	1	10:26	22:28	OCT	1	10:47	22:45
	8	10:42	22:40		8	10:25	22:26		8	10:48	22:41
	15	10:41	22:37		15	10:23	22:24		15	10:48	22:38
	22	10:42	22:35		22	10:23	22:22		22	10:49	22:35
	29	10:43	22:34		29	10:23	22:22		29	10:51	22:33
NOV	5	10:44	22:33	NOV	5	10:24	22:21	NOV	5	10:53	22:32
	12	10:46	22:33		12	10:25	22:22		12	10:56	22:32
	19	10:49	22:34		19	10:28	22:22		19	10:59	22:32
	26	10:52	22:35		26	10:30	22:24		26	11:02	22:33
DEC	3	10:55	22:37	DEC	3	10:34	22:26	DEC	3	11:06	22:34
	10	10:59	22:39		10	10:37	22:29		10	11:09	22:36
	17	11:02	22:42		17	10:40	22:32		17	11:13	22:39
	24	11:06	22:46		24	10:44	22:36		24	11:16	22:43
	31	11:06	22:49		31	10:45	22:39		31	11:17	22:46
NOMBRE	BERASTEGUI			NOMBRE	BOGOTA			NOMBRE	BUCARAMANGA		
INDICADOR	SKBR			INDICADOR	SKBO			INDICADOR	SKBG		
COORDENADAS	08 53 04,22 N 075 41 00,55 W			COORDENADAS	04 42 05,96 N 074 08 49,01 W			COORDENADAS	07 07 34,24 N 073 11 04,70 W		
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
JAN	1	11:20	22:54	JAN	1	11:06	22:55	JAN	1	11:07	22:47
	8	11:22	22:58		8	11:09	22:59		8	11:09	22:51
	15	11:23	23:01		15	11:11	23:02		15	11:10	22:54
	22	11:23	23:05		22	11:12	23:04		22	11:11	22:57
	29	11:23	23:07		29	11:12	23:07		29	11:11	23:00
FEB	5	11:23	23:09	FEB	5	11:12	23:08	FEB	5	11:11	23:02
	12	11:22	23:11		12	11:11	23:09		12	11:10	23:03
	19	11:20	23:12		19	11:10	23:09		19	11:08	23:04
	26	11:17	23:13		26	11:09	23:09		26	11:06	23:04
MAR	5	11:14	23:13	MAR	5	11:06	23:08	MAR	5	11:03	23:04
	12	11:11	23:13		12	11:04	23:07		12	11:00	23:03
	19	11:07	23:13		19	11:01	23:06		19	10:57	23:02
	26	11:03	23:12		26	10:58	23:05		26	10:54	23:02
APR	2	10:59	23:12	APR	2	10:55	23:04	APR	2	10:50	23:01
	9	10:56	23:12		9	10:52	23:03		9	10:47	23:01
	16	10:52	23:12		16	10:49	23:02		16	10:44	23:00
	23	10:49	23:12		23	10:47	23:02		23	10:41	23:00
	30	10:47	23:12		30	10:45	23:02		30	10:39	23:00
MAY	7	10:45	23:13	MAY	7	10:44	23:02	MAY	7	10:37	23:01
	14	10:43	23:14		14	10:43	23:02		14	10:35	23:02
	21	10:42	23:16		21	10:42	23:03		21	10:35	23:03

	28	10:42	23:17		28	10:43	23:04		28	10:35	23:04
JUN	4	10:43	23:19	JUN	4	10:44	23:06	JUN	4	10:36	23:06
	11	10:44	23:21		11	10:45	23:07		11	10:37	23:08
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	25	10:47	23:24		25	10:48	23:11		25	10:40	23:11
JUL	2	10:49	23:25	JUL	2	10:50	23:12	JUL	2	10:42	23:12
	9	10:51	23:26		9	10:51	23:13		9	10:43	23:13
	16	10:52	23:25		16	10:52	23:13		16	10:45	23:13
	23	10:53	23:24		23	10:53	23:12		23	10:46	23:12
	30	10:54	23:23		30	10:53	23:11		30	10:46	23:10
AUG	6	10:54	23:20	AUG	6	10:53	23:09	AUG	6	10:46	23:08
	13	10:54	23:17		13	10:53	23:07		13	10:46	23:06
	20	10:54	23:14		20	10:52	23:05		20	10:46	23:03
	27	10:54	23:10		27	10:51	23:02		27	10:45	22:59
SEP	3	10:54	23:06	SEP	3	10:50	22:58	SEP	3	10:45	22:55
	10	10:53	23:02		10	10:48	22:55		10	10:44	22:52
	17	10:52	22:58		17	10:47	22:52		17	10:42	22:48
	24	10:51	22:54		24	10:45	22:48		24	10:41	22:44
OCT	1	10:51	22:50	OCT	1	10:44	22:45	OCT	1	10:40	22:40
	8	10:50	22:46		8	10:42	22:43		8	10:39	22:37
	15	10:50	22:43		15	10:41	22:40		15	10:39	22:35
	22	10:51	22:41		22	10:41	22:39		22	10:39	22:33
	29	10:52	22:39		29	10:41	22:38		29	10:40	22:31
NOV	5	10:54	22:38	NOV	5	10:43	22:38	NOV	5	10:42	22:31
	12	10:56	22:38		12	10:44	22:38		12	10:44	22:31
	19	10:59	22:38		19	10:47	22:38		19	10:46	22:31
	26	11:02	22:39		26	10:49	22:40		26	10:50	22:32
DEC	3	11:06	22:41	DEC	3	10:53	22:42	DEC	3	10:53	22:34
	10	11:10	22:43		10	10:56	22:44		10	10:56	22:36
	17	11:13	22:47		17	11:00	22:48		17	11:00	22:40
	24	11:16	22:50		24	11:03	22:51		24	11:03	22:43
	31	11:17	22:54		31	11:04	22:55		31	11:04	22:47
NOMBRE	BUENAVENTURA			NOMBRE	CALAMAR			NOMBRE	CALI		
INDICADOR	SKBU			INDICADOR	SQGJ			INDICADOR	SKCL		
COORDENADAS	S03 49 10,46 N 076 59 23,66 W			COORDENADAS	S01 57 44,62 N 072 38 42,01 W			COORDENADAS	S03 32 35,10 N 076 22 54,10 W		
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
JAN	1	11:16	23:08	JAN	1	10:56	22:54	JAN	1	11:13	23:06
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	15	11:21	23:15		15	11:01	23:00		15	11:18	23:12
	22	11:22	23:17		22	11:02	23:02		22	11:19	23:15
	29	11:22	23:19		29	11:03	23:04		29	11:20	23:17
FEB	5	11:22	23:20	FEB	5	11:03	23:05	FEB	5	11:20	23:18
	12	11:22	23:21		12	11:03	23:06		12	11:19	23:19
	19	11:21	23:21		19	11:02	23:05		19	11:18	23:19

	26	11:19	23:21		26	11:01	23:04		26	11:17	23:18
MAR	5	11:17	23:20	MAR	5	10:59	23:03	MAR	5	11:15	23:17
	12	11:15	23:18		12	10:57	23:01		12	11:12	23:16
	19	11:12	23:17		19	10:55	22:59		19	11:10	23:15
	26	11:09	23:16		26	10:52	22:58		26	11:07	23:13
APR	2	11:07	23:14	APR	2	10:50	22:56	APR	2	11:04	23:12
	9	11:04	23:13		9	10:47	22:55		9	11:01	23:11
	16	11:01	23:13		16	10:45	22:54		16	10:59	23:10
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	30	10:57	23:12		30	10:42	22:52		30	10:55	23:09
MAY	7	10:56	23:12	MAY	7	10:41	22:52	MAY	7	10:54	23:09
	14	10:55	23:12		14	10:40	22:53		14	10:53	23:10
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	28	10:56	23:14		28	10:41	22:54		28	10:54	23:11
JUN	4	10:57	23:16	JUN	4	10:43	22:55	JUN	4	10:55	23:13
	11	10:58	23:17		11	10:44	22:57		11	10:56	23:14
	18	11:00	23:19		18	10:46	22:58		18	10:58	23:16
	25	11:01	23:20		25	10:47	23:00		25	10:59	23:17
JUL	2	11:03	23:22	JUL	2	10:48	23:01	JUL	2	11:01	23:19
	9	11:04	23:23		9	10:49	23:02		9	11:02	23:20
	16	11:05	23:23		16	10:50	23:03		16	11:03	23:20
	23	11:05	23:23		23	10:50	23:03		23	11:03	23:20
	30	11:05	23:21		30	10:50	23:02		30	11:03	23:19
AUG	6	11:05	23:20	AUG	6	10:50	23:01	AUG	6	11:03	23:17
	13	11:05	23:18		13	10:50	22:59		13	11:03	23:15
	20	11:04	23:15		20	10:48	22:57		20	11:02	23:13
	27	11:03	23:12		27	10:47	22:54		27	11:01	23:10
SEP	3	11:02	23:09	SEP	3	10:45	22:51	SEP	3	10:59	23:07
	10	11:00	23:06		10	10:43	22:48		10	10:58	23:04
	17	10:58	23:03		17	10:41	22:46		17	10:56	23:01
	24	10:56	23:00		24	10:39	22:43		24	10:54	22:57
OCT	1	10:55	22:57	OCT	1	10:37	22:40	OCT	1	10:52	22:55
	8	10:53	22:54		8	10:35	22:38		8	10:51	22:52
	15	10:52	22:52		15	10:34	22:36		15	10:50	22:50
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	29	10:52	22:50		29	10:32	22:35		29	10:49	22:48
NOV	5	10:53	22:50	NOV	5	10:33	22:35	NOV	5	10:50	22:48
	12	10:54	22:50		12	10:34	22:35		12	10:52	22:48
	19	10:57	22:51		19	10:36	22:36		19	10:54	22:49
	26	10:59	22:52		26	10:39	22:38		26	10:56	22:50
DEC	3	11:03	22:55	DEC	3	10:42	22:40	DEC	3	11:00	22:53
	10	11:06	22:57		10	10:45	22:43		10	11:03	22:55
	17	11:09	23:01		17	10:49	22:46		17	11:07	22:59
	24	11:13	23:04		24	10:52	22:50		24	11:10	23:02

CAPURGANA SKCA				CAREPA SKLC				CARIMAGUA SKCI			
COORDENADAS 08 37 49,83 N 077 21 00,84 W				COORDENADAS 07 48 42,30 N 076 42 59,19 W				COORDENADAS 04 33 53,60 N 071 20 12,11 W			
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
JAN	1	11:26	23:01	JAN	1	11:22	23:00	JAN	1	10:55	22:44
	8	11:28	23:05		8	11:24	23:04		8	10:57	22:48
	15	11:29	23:08		15	11:25	23:07		15	10:59	22:51
	22	11:30	23:12		22	11:26	23:10		22	11:00	22:53
	29	11:30	23:14		29	11:26	23:13		29	11:01	22:56
FEB	5	11:29	23:16	FEB	5	11:26	23:15	FEB	5	11:01	22:57
	12	11:28	23:18		12	11:25	23:16		12	11:00	22:58
	19	11:26	23:19		19	11:23	23:17		19	10:59	22:58
	26	11:24	23:20		26	11:21	23:18		26	10:57	22:58
MAR	5	11:21	23:20	MAR	5	11:18	23:18	MAR	5	10:55	22:57
	12	11:17	23:20		12	11:15	23:17		12	10:52	22:56
	19	11:14	23:19		19	11:11	23:17		19	10:50	22:55
	26	11:10	23:19		26	11:08	23:16		26	10:47	22:53
APR	2	11:06	23:18	APR	2	11:04	23:16	APR	2	10:44	22:52
	9	11:03	23:18		9	11:01	23:15		9	10:41	22:51
	16	10:59	23:18		16	10:57	23:15		16	10:38	22:51
	23	10:56	23:18		23	10:54	23:15		23	10:36	22:50
	30	10:54	23:19		30	10:52	23:15		30	10:34	22:50
MAY	7	10:52	23:19	MAY	7	10:50	23:16	MAY	7	10:32	22:50
	14	10:50	23:21		14	10:49	23:17		14	10:32	22:51
	21	10:49	23:22		21	10:48	23:18		21	10:31	22:52
	28	10:49	23:24		28	10:48	23:20		28	10:32	22:53
JUN	4	10:50	23:25	JUN	4	10:49	23:21	JUN	4	10:33	22:54
	11	10:51	23:27		11	10:50	23:23		11	10:34	22:56
	18	10:53	23:29		18	10:52	23:25		18	10:36	22:58
	25	10:54	23:30		25	10:53	23:26		25	10:37	22:59
JUL	2	10:56	23:31	JUL	2	10:55	23:27	JUL	2	10:39	23:00
	9	10:58	23:32		9	10:56	23:28		9	10:40	23:01
	16	10:59	23:32		16	10:58	23:28		16	10:41	23:02
	23	11:00	23:31		23	10:59	23:27		23	10:42	23:01
	30	11:01	23:29		30	10:59	23:25		30	10:42	23:00
AUG	6	11:01	23:27	AUG	6	11:00	23:23	AUG	6	10:42	22:58
	13	11:01	23:24		13	11:00	23:20		13	10:42	22:56
	20	11:01	23:20		20	11:00	23:17		20	10:41	22:53
	27	11:01	23:17		27	10:59	23:14		27	10:40	22:50
SEP	3	11:00	23:13	SEP	3	10:58	23:10	SEP	3	10:39	22:47
	10	11:00	23:08		10	10:57	23:06		10	10:37	22:44
	17	10:59	23:04		17	10:56	23:02		17	10:35	22:40
	24	10:58	23:00		24	10:55	22:58		24	10:34	22:37

OCT	1	10:57	22:56	OCT	1	10:55	22:54	OCT	1	10:32	22:34
	8	10:57	22:53		8	10:54	22:51		8	10:31	22:31
	15	10:57	22:50		15	10:54	22:48		15	10:30	22:29
	22	10:57	22:48		22	10:54	22:46		22	10:30	22:28
	29	10:59	22:46		29	10:55	22:45		29	10:30	22:27

NOV	5	11:00	22:45	NOV	5	10:57	22:44	NOV	5	10:31	22:26
	12	11:03	22:45		12	10:59	22:44		12	10:33	22:27
	19	11:05	22:45		19	11:02	22:44		19	10:35	22:27
	26	11:09	22:46		26	11:05	22:45		26	10:38	22:29

DEC	3	11:12	22:48	DEC	3	11:08	22:47	DEC	3	10:41	22:31
	10	11:16	22:51		10	11:12	22:49		10	10:45	22:33
	17	11:19	22:54		17	11:15	22:53		17	10:48	22:37
	24	11:23	22:57		24	11:19	22:56		24	10:51	22:40
	31	11:23	23:01		31	11:19	23:00		31	10:52	22:44

NOMBRE	CARTAGENA			NOMBRE	CARTAGO			NOMBRE	CARURU		
INDICADOR	SKCG			INDICADOR	SKGO			INDICADOR	SKCR		
COORDENADAS	10 26 31,35 N			COORDENADAS	04 45 30,26 N			COORDENADAS	01 00 48,47 N		
	075 30 46 W				075 57 21,87 W				071 17 45,91 W		

Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
JAN	1	11:21	22:51	JAN	1	11:14	23:02	JAN	1	10:49	22:50
	8	11:23	22:55		8	11:16	23:06		8	10:52	22:53
	15	11:25	22:58		15	11:18	23:09		15	10:54	22:56
	22	11:25	23:02		22	11:19	23:12		22	10:55	22:58
	29	11:25	23:05		29	11:19	23:14		29	10:56	23:00

FEB	5	11:24	23:07	FEB	5	11:19	23:15	FEB	5	10:57	23:01
	12	11:23	23:09		12	11:19	23:16		12	10:56	23:01
	19	11:20	23:10		19	11:18	23:17		19	10:56	23:00
	26	11:18	23:11		26	11:16	23:16		26	10:55	22:59

MAR	5	11:14	23:12	MAR	5	11:14	23:15	MAR	5	10:53	22:58
	12	11:10	23:12		12	11:11	23:14		12	10:51	22:56
	19	11:06	23:12		19	11:08	23:13		19	10:49	22:54
	26	11:02	23:12		26	11:05	23:12		26	10:47	22:52

APR	2	10:58	23:12	APR	2	11:02	23:11	APR	2	10:45	22:50
	9	10:54	23:12		9	10:59	23:10		9	10:43	22:49
	16	10:51	23:12		16	10:56	23:09		16	10:41	22:47
	23	10:47	23:13		23	10:54	23:09		23	10:39	22:46
	30	10:44	23:13		30	10:52	23:09		30	10:38	22:46

MAY	7	10:42	23:14	MAY	7	10:51	23:09	MAY	7	10:37	22:46
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	21	10:39	23:17		21	10:50	23:10		21	10:37	22:46
	28	10:39	23:19		28	10:50	23:12		28	10:38	22:47

JUN	4	10:39	23:21	JUN	4	10:51	23:13	JUN	4	10:39	22:48
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	18	10:42	23:25		18	10:54	23:16		18	10:42	22:51
	25	10:44	23:26		25	10:55	23:18		25	10:43	22:53

JUL	2	10:46	23:27	JUL	2	10:57	23:19	JUL	2	10:45	22:54
	9	10:47	23:28		9	10:58	23:20		9	10:46	22:55
	16	10:49	23:27		16	10:59	23:20		16	10:46	22:56
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	30	10:51	23:24		30	11:00	23:19		30	10:46	22:55
AUG	6	10:52	23:21	AUG	6	11:00	23:17	AUG	6	10:46	22:54
	13	10:52	23:18		13	11:00	23:15		13	10:45	22:53
	20	10:52	23:14		20	10:59	23:12		20	10:44	22:50
	27	10:52	23:10		27	10:58	23:09		27	10:42	22:48
SEP	3	10:52	23:06	SEP	3	10:57	23:06	SEP	3	10:40	22:46
	10	10:52	23:01		10	10:55	23:02		10	10:38	22:43
	17	10:51	22:57		17	10:54	22:59		17	10:36	22:40
	24	10:51	22:53		24	10:52	22:56		24	10:34	22:38
OCT	1	10:50	22:48	OCT	1	10:51	22:52	OCT	1	10:31	22:35
	8	10:50	22:45		8	10:50	22:50		8	10:29	22:33
	15	10:51	22:41		15	10:49	22:48		15	10:28	22:32
	22	10:52	22:39		22	10:48	22:46		22	10:27	22:31
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NOV	5	10:55	22:36	NOV	5	10:50	22:45	NOV	5	10:27	22:30
	12	10:58	22:35		12	10:52	22:45		12	10:28	22:31
	19	11:01	22:35		19	10:54	22:45		19	10:30	22:32
	26	11:04	22:36		26	10:57	22:47		26	10:32	22:34
DEC	3	11:08	22:38	DEC	3	11:00	22:49	DEC	3	10:35	22:36
	10	11:12	22:40		10	11:03	22:52		10	10:38	22:39
	17	11:15	22:43		17	11:07	22:55		17	10:42	22:43
	24	11:18	22:46		24	11:10	22:58		24	10:45	22:46
	31	11:19	22:50		31	11:11	23:02		31	10:46	22:50
NOMBRE	CAUCASIA			NOMBRE	CHIGORODO			NOMBRE	CIMITARRA		
INDICADOR	SKCU			INDICADOR	SKIG			INDICADOR	SKCM		
COORDENADAS	07 58 4,61 N			COORDENADAS	07 40 37,89 N			COORDENADAS	06 22 02,50 N		
	075 11 53,11 W				076 40 58,69 W				073 58 14,20 W		
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
JAN	1	11:16	22:54	JAN	1	11:22	23:00	JAN	1	11:08	22:52
	8	11:18	22:58		8	11:24	23:04		8	11:11	22:55
	15	11:20	23:01		15	11:25	23:07		15	11:12	22:58
	22	11:20	23:04		22	11:26	23:10		22	11:13	23:01
	29	11:20	23:07		29	11:26	23:13		29	11:13	23:04
FEB	5	11:20	23:09	FEB	5	11:26	23:15	FEB	5	11:13	23:06
	12	11:19	23:10		12	11:25	23:16		12	11:12	23:07
	19	11:17	23:11		19	11:23	23:17		19	11:11	23:07
	26	11:15	23:12		26	11:21	23:18		26	11:09	23:07
MAR	5	11:12	23:12	MAR	5	11:18	23:18	MAR	5	11:06	23:07
	12	11:09	23:11		12	11:15	23:17		12	11:03	23:06
	19	11:05	23:11		19	11:11	23:16		19	11:00	23:05
	26	11:02	23:10		26	11:07	23:16		26	10:57	23:05

APR	2	10:58	23:10	APR	2	11:04	23:15	APR	2	10:54	23:04
	9	10:54	23:09		9	11:00	23:15		9	10:50	23:03
	16	10:51	23:09		16	10:57	23:15		16	10:47	23:03
	23	10:48	23:09		23	10:54	23:15		23	10:45	23:03
	30	10:46	23:09		30	10:52	23:15		30	10:43	23:03
MAY	7	10:44	23:10	MAY	7	10:50	23:16	MAY	7	10:41	23:03
	14	10:42	23:11		14	10:49	23:17		14	10:40	23:04
	21	10:42	23:12		21	10:48	23:18		21	10:39	23:05
	28	10:42	23:14		28	10:48	23:19		28	10:39	23:06
JUN	4	10:42	23:16	JUN	4	10:49	23:21	JUN	4	10:40	23:08
	11	10:44	23:17		11	10:50	23:23		11	10:42	23:10
	18	10:45	23:19		18	10:52	23:24		18	10:43	23:11
	25	10:47	23:20		25	10:53	23:26		25	10:45	23:13
JUL	2	10:49	23:22	JUL	2	10:55	23:27	JUL	2	10:46	23:14
	9	10:50	23:22		9	10:56	23:28		9	10:48	23:15
	16	10:51	23:22		16	10:58	23:28		16	10:49	23:15
	23	10:52	23:21		23	10:59	23:27		23	10:50	23:14
	30	10:53	23:19		30	10:59	23:25		30	10:50	23:13
AUG	6	10:53	23:17	AUG	6	11:00	23:23	AUG	6	10:50	23:11
	13	10:53	23:14		13	11:00	23:20		13	10:50	23:08
	20	10:53	23:11		20	11:00	23:17		20	10:50	23:05
	27	10:53	23:08		27	10:59	23:13		27	10:49	23:02
SEP	3	10:52	23:04	SEP	3	10:58	23:10	SEP	3	10:48	22:58
	10	10:51	23:00		10	10:57	23:06		10	10:47	22:55
	17	10:50	22:56		17	10:56	23:02		17	10:46	22:51
	24	10:49	22:52		24	10:55	22:58		24	10:44	22:47
OCT	1	10:49	22:48	OCT	1	10:54	22:54	OCT	1	10:43	22:44
	8	10:48	22:45		8	10:54	22:51		8	10:42	22:41
	15	10:48	22:42		15	10:53	22:48		15	10:42	22:38
	22	10:48	22:40		22	10:54	22:46		22	10:42	22:36
	29	10:49	22:38		29	10:55	22:45		29	10:43	22:35
NOV	5	10:51	22:38	NOV	5	10:56	22:44	NOV	5	10:44	22:35
	12	10:53	22:38		12	10:59	22:44		12	10:46	22:35
	19	10:56	22:38		19	11:01	22:44		19	10:48	22:35
	26	10:59	22:39		26	11:04	22:45		26	10:51	22:36
DEC	3	11:02	22:41	DEC	3	11:08	22:47	DEC	3	10:55	22:38
	10	11:06	22:43		10	11:11	22:50		10	10:58	22:41
	17	11:10	22:46		17	11:15	22:53		17	11:02	22:44
	24	11:13	22:50		24	11:18	22:56		24	11:05	22:48
	31	11:14	22:53		31	11:19	23:00		31	11:06	22:51

NOMBRE CONDOTO
INDICADOR SKCD
COORDENADAS05 04 19,06 N
076 40 35,85 W

NOMBRE COROZAL
INDICADOR SKCZ
COORDENADAS09 19 57,35 N
075 17 06,80 W

NOMBRE COVEÑAS
INDICADOR SKCV
COORDENADAS09 24 03,70 N
075 41 28,81 W

Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
JAN	1	11:17	23:05	JAN	1	11:19	22:52	JAN	1	11:20	22:53
	8	11:20	23:08		8	11:21	22:56		8	11:22	22:57
	15	11:21	23:11		15	11:22	22:59		15	11:24	23:01
	22	11:22	23:14		22	11:22	23:02		22	11:24	23:04
	29	11:23	23:16		29	11:22	23:05		29	11:24	23:07
FEB	5	11:23	23:18	FEB	5	11:22	23:07	FEB	5	11:24	23:09
	12	11:22	23:19		12	11:21	23:09		12	11:22	23:11
	19	11:21	23:19		19	11:19	23:10		19	11:20	23:12
	26	11:19	23:19		26	11:16	23:11		26	11:18	23:13
MAR	5	11:17	23:18	MAR	5	11:13	23:11	MAR	5	11:14	23:13
	12	11:14	23:17		12	11:09	23:11		12	11:11	23:13
	19	11:11	23:16		19	11:06	23:11		19	11:07	23:13
	26	11:08	23:15		26	11:02	23:11		26	11:03	23:12
APR	2	11:05	23:14	APR	2	10:58	23:11	APR	2	10:59	23:12
	9	11:02	23:13		9	10:54	23:11		9	10:56	23:12
	16	10:59	23:12		16	10:50	23:11		16	10:52	23:12
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	30	10:55	23:12		30	10:45	23:11		30	10:46	23:13
MAY	7	10:53	23:12	MAY	7	10:42	23:12	MAY	7	10:44	23:14
	14	10:52	23:13		14	10:41	23:13		14	10:42	23:15
	21	10:52	23:14		21	10:40	23:15		21	10:41	23:16
	28	10:52	23:15		28	10:40	23:16		28	10:41	23:18
JUN	4	10:53	23:17	JUN	4	10:40	23:18	JUN	4	10:42	23:20
	11	10:55	23:18		11	10:42	23:20		11	10:43	23:22
	18	10:56	23:20		18	10:43	23:22		18	10:45	23:24
	25	10:58	23:21		25	10:45	23:23		25	10:46	23:25
JUL	2	10:59	23:23	JUL	2	10:47	23:24	JUL	2	10:48	23:26
	9	11:01	23:23		9	10:48	23:25		9	10:50	23:27
	16	11:02	23:24		16	10:50	23:25		16	10:51	23:26
	23	11:02	23:23		23	10:51	23:23		23	10:52	23:25
	30	11:03	23:22		30	10:52	23:21		30	10:53	23:23
AUG	6	11:03	23:20	AUG	6	10:52	23:19	AUG	6	10:54	23:21
	13	11:02	23:18		13	10:52	23:16		13	10:54	23:18
	20	11:02	23:15		20	10:52	23:13		20	10:54	23:14
	27	11:01	23:12		27	10:52	23:09		27	10:54	23:10
SEP	3	11:00	23:09	SEP	3	10:52	23:05	SEP	3	10:53	23:06
	10	10:58	23:05		10	10:51	23:00		10	10:53	23:02
	17	10:57	23:02		17	10:50	22:56		17	10:52	22:58
	24	10:55	22:58		24	10:50	22:52		24	10:51	22:53
OCT	1	10:54	22:55	OCT	1	10:49	22:48	OCT	1	10:51	22:50
	8	10:53	22:52		8	10:49	22:44		8	10:50	22:46
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	22	10:51	22:49		22	10:50	22:39		22	10:52	22:40
	29	10:52	22:47		29	10:51	22:37		29	10:53	22:39

NOV	5	10:53	22:47	NOV	5	10:53	22:36	NOV	5	10:55	22:38
	12	10:55	22:47		12	10:55	22:36		12	10:57	22:38
	19	10:57	22:48		19	10:58	22:36		19	11:00	22:38
	26	11:00	22:49		26	11:02	22:37		26	11:03	22:39
DEC	3	11:03	22:51	DEC	3	11:05	22:39	DEC	3	11:07	22:40
	10	11:07	22:54		10	11:09	22:41		10	11:10	22:43
	17	11:10	22:57		17	11:12	22:44		17	11:14	22:46
	24	11:14	23:01		24	11:16	22:48		24	11:17	22:49
	31	11:15	23:04		31	11:16	22:51		31	11:18	22:53
NOMBRE	CRAVO NORTE			NOMBRE	CUCUTA			NOMBRE	CUMARIBO		
INDICADOR	SKCN			INDICADOR	SKCC			INDICADOR	SKUM		
COORDENADAS	06 19 00 N 070 12 40 W			COORDENADAS	07 55 38,60 N 072 30 41,80 W			COORDENADAS	04 26 47,08 N 069 46 53,34 W		
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
JAN	1	11:20	22:53	JAN	1	11:05	22:43	JAN	1	10:49	22:38
	8	11:22	22:57		8	11:07	22:47		8	10:51	22:42
	15	11:24	23:01		15	11:09	22:50		15	10:53	22:45
	22	11:24	23:04		22	11:09	22:53		22	10:54	22:47
	29	11:24	23:07		29	11:09	22:56		29	10:54	22:49
FEB	5	11:24	23:09	FEB	5	11:09	22:58	FEB	5	10:54	22:51
	12	11:22	23:11		12	11:08	22:59		12	10:54	22:52
	19	11:20	23:12		19	11:06	23:00		19	10:53	22:52
	26	11:18	23:13		26	11:04	23:01		26	10:51	22:52
MAR	5	11:14	23:13	MAR	5	11:01	23:01	MAR	5	10:49	22:51
	12	11:11	23:13		12	10:58	23:00		12	10:46	22:50
	19	11:07	23:13		19	10:54	23:00		19	10:43	22:48
	26	11:03	23:12		26	10:51	22:59		26	10:40	22:47
APR	2	10:59	23:12	APR	2	10:47	22:59	APR	2	10:37	22:46
	9	10:56	23:12		9	10:44	22:58		9	10:35	22:45
	16	10:52	23:12		16	10:40	22:58		16	10:32	22:44
	23	10:49	23:12		23	10:37	22:58		23	10:30	22:44
	30	10:46	23:13		30	10:35	22:59		30	10:28	22:44
MAY	7	10:44	23:14	MAY	7	10:33	22:59	MAY	7	10:26	22:44
	14	10:42	23:15		14	10:32	23:00		14	10:26	22:44
	21	10:41	23:16		21	10:31	23:01		21	10:25	22:45
	28	10:41	23:18		28	10:31	23:03		28	10:26	22:46
JUN	4	10:42	23:20	JUN	4	10:32	23:05	JUN	4	10:27	22:48
	11	10:43	23:22		11	10:33	23:06		11	10:28	22:49
	18	10:45	23:24		18	10:35	23:08		18	10:30	22:51
	25	10:46	23:25		25	10:36	23:10		25	10:31	22:53
JUL	2	10:48	23:26	JUL	2	10:38	23:11	JUL	2	10:33	22:54
	9	10:50	23:27		9	10:39	23:11		9	10:34	22:55
	16	10:51	23:26		16	10:41	23:11		16	10:35	22:55
	23	10:52	23:25		23	10:42	23:10		23	10:36	22:55
	30	10:53	23:23		30	10:42	23:09		30	10:36	22:53

AUG 6 10:54 23:21
13 10:54 23:18
20 10:54 23:14
27 10:54 23:10

AUG 6 10:43 23:06
13 10:43 23:04
20 10:43 23:00
27 10:42 22:57

AUG 6 10:36 22:52
13 10:36 22:50
20 10:35 22:47
27 10:34 22:44

SEP 3 10:53 23:06
10 10:53 23:02
17 10:52 22:58
24 10:51 22:53

SEP 3 10:41 22:53
10 10:41 22:49
17 10:40 22:45
24 10:39 22:41

SEP 3 10:32 22:41
10 10:31 22:37
17 10:29 22:34
24 10:28 22:31

OCT 1 10:51 22:50
8 10:50 22:46
15 10:51 22:43
22 10:52 22:40
29 10:53 22:39

OCT 1 10:38 22:37
8 10:37 22:34
15 10:37 22:31
22 10:37 22:29
29 10:38 22:28

OCT 1 10:26 22:28
8 10:25 22:25
15 10:24 22:23
22 10:23 22:22
29 10:24 22:21

NOV 5 10:55 22:38
12 10:57 22:38
19 11:00 22:38
26 11:03 22:39

NOV 5 10:40 22:27
12 10:42 22:27
19 10:45 22:27
26 10:48 22:28

NOV 5 10:25 22:20
12 10:26 22:20
19 10:29 22:21
26 10:32 22:23

DEC 3 11:07 22:40
10 11:10 22:43
17 11:14 22:46
24 11:17 22:49
31 11:18 22:53

DEC 3 10:52 22:30
10 10:55 22:32
17 10:59 22:35
24 11:02 22:39
31 11:03 22:43

DEC 3 10:35 22:25
10 10:38 22:27
17 10:42 22:31
24 10:45 22:34
31 10:46 22:38

NOMBRE CHIA
INDICADOR SKGY
COORDENADAS 04 48 45,06 N
074 03 54,28 W

NOMBRE EL ALGARROBO
INDICADOR SQGX
COORDENADAS 08 41 14,60 N
075 09 44,74 W

NOMBRE EL BAGRE
INDICADOR SKEB
COORDENADAS 07 35 42,29 N
074 48 32,19 W

Mes	Dia	SR	SS
JAN	1	11:06	22:55
	8	11:09	22:58
	15	11:10	23:01
	22	11:12	23:04
	29	11:12	23:06

Mes	Dia	SR	SS
JAN	1	11:17	22:53
	8	11:19	22:56
	15	11:21	23:00
	22	11:21	23:03
	29	11:21	23:05

Mes	Dia	SR	SS
JAN	1	11:14	22:53
	8	11:16	22:57
	15	11:17	23:00
	22	11:18	23:03
	29	11:18	23:05

FEB 5 11:12 23:08
12 11:11 23:09
19 11:10 23:09
26 11:08 23:09

FEB 5 11:21 23:08
12 11:19 23:09
19 11:18 23:10
26 11:15 23:11

FEB 5 11:18 23:07
12 11:17 23:09
19 11:15 23:10
26 11:13 23:10

MAR 5 11:06 23:08
12 11:03 23:07
19 11:00 23:06
26 10:57 23:04

MAR 5 11:12 23:11
12 11:09 23:11
19 11:05 23:11
26 11:01 23:10

MAR 5 11:10 23:10
12 11:07 23:10
19 11:04 23:09
26 11:00 23:08

APR 2 10:54 23:03
9 10:52 23:02
16 10:49 23:02
23 10:46 23:01

APR 2 10:57 23:10
9 10:54 23:10
16 10:50 23:10
23 10:47 23:10

APR 2 10:56 23:08
9 10:53 23:07
16 10:50 23:07
23 10:47 23:07

	30	10:45	23:01		30	10:45	23:10		30	10:45	23:07
MAY	7	10:43	23:02	MAY	7	10:43	23:11	MAY	7	10:43	23:08
	14	10:42	23:02		14	10:41	23:12		14	10:41	23:09
	21	10:42	23:03		21	10:40	23:13		21	10:41	23:10
	28	10:42	23:04		28	10:40	23:15		28	10:41	23:12
JUN	4	10:43	23:06	JUN	4	10:41	23:17	JUN	4	10:42	23:13
	11	10:45	23:07		11	10:42	23:18		11	10:43	23:15
	18	10:46	23:09		18	10:44	23:20		18	10:44	23:17
	25	10:48	23:10		25	10:45	23:22		25	10:46	23:18
JUL	2	10:49	23:12	JUL	2	10:47	23:23	JUL	2	10:48	23:19
	9	10:51	23:12		9	10:49	23:23		9	10:49	23:20
	16	10:52	23:13		16	10:50	23:23		16	10:50	23:20
	23	10:52	23:12		23	10:51	23:22		23	10:51	23:19
	30	10:52	23:11		30	10:52	23:20		30	10:52	23:17
AUG	6	10:52	23:09	AUG	6	10:52	23:18	AUG	6	10:52	23:15
	13	10:52	23:07		13	10:53	23:15		13	10:52	23:13
	20	10:52	23:04		20	10:53	23:12		20	10:52	23:09
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SEP	3	10:49	22:58	SEP	3	10:52	23:04	SEP	3	10:51	23:02
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	17	10:46	22:51		17	10:50	22:56		17	10:49	22:54
	24	10:45	22:48		24	10:49	22:52		24	10:48	22:50
OCT	1	10:43	22:45	OCT	1	10:49	22:48	OCT	1	10:47	22:47
	8	10:42	22:42		8	10:48	22:44		8	10:46	22:44
	15	10:41	22:40		15	10:48	22:41		15	10:46	22:41
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	29	10:41	22:37		29	10:50	22:37		29	10:47	22:37
NOV	5	10:42	22:37	NOV	5	10:52	22:37	NOV	5	10:49	22:37
	12	10:44	22:37		12	10:54	22:36		12	10:51	22:36
	19	10:46	22:38		19	10:57	22:37		19	10:54	22:37
	26	10:49	22:39		26	11:00	22:38		26	10:57	22:38
DEC	3	10:52	22:41	DEC	3	11:03	22:39	DEC	3	11:00	22:40
	10	10:56	22:44		10	11:07	22:42		10	11:04	22:42
	17	10:59	22:47		17	11:11	22:45		17	11:07	22:45
	24	11:03	22:51		24	11:14	22:48		24	11:11	22:49
	31	11:04	22:54		31	11:15	22:52		31	11:11	22:52
NOMBRE	EL BANCO			NOMBRE	EL CHARCO			NOMBRE	EL YOPAL		
INDICADOR	SKBC			INDICADOR	SKEH			INDICADOR	SKYP		
COORDENADAS	S09 02 40,60 N 073 58 24,90 W			COORDENADAS	S02 26 27 N 078 06 00 W			COORDENADAS	S05 19 08,92 N 072 23 03,22 W		
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
JAN	1	11:13	22:47	JAN	1	11:19	23:15	JAN	1	11:00	22:47
	8	11:15	22:51		8	11:21	23:18		8	11:03	22:51
	15	11:16	22:54		15	11:23	23:21		15	11:04	22:54
	22	11:17	22:57		22	11:25	23:23		22	11:05	22:57

	29	11:17	23:00		29	11:25	23:25		29	11:06	22:59
FEB	5	11:16	23:02	FEB	5	11:25	23:26	FEB	5	11:06	23:00
	12	11:15	23:04		12	11:25	23:27		12	11:05	23:01
	19	11:13	23:05		19	11:24	23:27		19	11:04	23:02
	26	11:11	23:06		26	11:23	23:26		26	11:02	23:02
MAR	5	11:07	23:06	MAR	5	11:21	23:24	MAR	5	11:00	23:01
	12	11:04	23:06		12	11:19	23:23		12	10:57	23:00
	19	11:00	23:06		19	11:17	23:21		19	10:54	22:59
	26	10:56	23:05		26	11:14	23:20		26	10:51	22:58
APR	2	10:53	23:05	APR	2	11:11	23:18	APR	2	10:48	22:57
	9	10:49	23:05		9	11:09	23:17		9	10:45	22:56
	16	10:45	23:05		16	11:07	23:16		16	10:42	22:56
	23	10:42	23:05		23	11:05	23:15		23	10:39	22:55
	30	10:40	23:06		30	11:03	23:15		30	10:37	22:55
MAY	7	10:37	23:06	MAY	7	11:02	23:15	MAY	7	10:36	22:55
	14	10:36	23:08		14	11:01	23:15		14	10:35	22:56
	21	10:35	23:09		21	11:02	23:16		21	10:34	22:57
	28	10:35	23:11		28	11:02	23:17		28	10:35	22:58
JUN	4	10:36	23:12	JUN	4	11:04	23:18	JUN	4	10:36	23:00
	11	10:37	23:14		11	11:05	23:19		11	10:37	23:01
	18	10:38	23:16		18	11:06	23:21		18	10:39	23:03
	25	10:40	23:17		25	11:08	23:22		25	10:40	23:05
JUL	2	10:42	23:19	JUL	2	11:09	23:24	JUL	2	10:42	23:06
	9	10:43	23:19		9	11:10	23:25		9	10:43	23:07
	16	10:45	23:19		16	11:11	23:25		16	10:44	23:07
	23	10:46	23:18		23	11:12	23:25		23	10:45	23:06
	30	10:47	23:16		30	11:12	23:24		30	10:45	23:05
AUG	6	10:47	23:13	AUG	6	11:11	23:23	AUG	6	10:45	23:03
	13	10:47	23:11		13	11:11	23:21		13	10:45	23:01
	20	10:47	23:07		20	11:10	23:19		20	10:44	22:58
	27	10:47	23:03		27	11:08	23:16		27	10:44	22:55
SEP	3	10:47	22:59	SEP	3	11:07	23:13	SEP	3	10:42	22:51
	10	10:46	22:55		10	11:05	23:10		10	10:41	22:48
	17	10:45	22:51		17	11:03	23:07		17	10:40	22:44
	24	10:44	22:47		24	11:01	23:05		24	10:38	22:41
OCT	1	10:44	22:43	OCT	1	10:59	23:02	OCT	1	10:37	22:38
	8	10:43	22:39		8	10:57	23:00		8	10:36	22:35
	15	10:44	22:36		15	10:56	22:58		15	10:35	22:33
	22	10:44	22:34		22	10:55	22:57		22	10:34	22:31
	29	10:46	22:32		29	10:55	22:56		29	10:35	22:30
NOV	5	10:47	22:31	NOV	5	10:56	22:56	NOV	5	10:36	22:30
	12	10:50	22:31		12	10:57	22:56		12	10:38	22:30
	19	10:53	22:31		19	10:59	22:57		19	10:40	22:30
	26	10:56	22:32		26	11:02	22:59		26	10:43	22:32

FLORENCIA				FRONTINO				FUNDACION			
INDICADOR		SKFL		INDICADOR		SKFE		INDICADOR		SKFU	
COORDENADAS01 35 20,23 N 075 33 51,51 W				COORDENADAS06 43 19,65 N 076 08 47,55 W				COORDENADAS10 30 48,33 N 074 12 17,90 W			
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
DEC	3	10:59	22:34	DEC	3	11:05	23:01	DEC	3	10:47	22:34
	10	11:03	22:36		10	11:08	23:04		10	10:50	22:36
	17	11:07	22:39		17	11:11	23:07		17	10:54	22:40
	24	11:10	22:43		24	11:15	23:11		24	10:57	22:43
	31	11:11	22:46		31	11:16	23:14		31	10:58	22:47
JAN	1	11:07	23:06	JAN	1	11:18	23:00	JAN	1	11:16	22:46
	8	11:10	23:09		8	11:20	23:03		8	11:18	22:49
	15	11:12	23:12		15	11:22	23:07		15	11:19	22:53
	22	11:13	23:15		22	11:22	23:10		22	11:20	22:56
	29	11:14	23:16		29	11:22	23:12		29	11:20	22:59
FEB	5	11:14	23:17	FEB	5	11:22	23:14	FEB	5	11:19	23:02
	12	11:14	23:18		12	11:21	23:15		12	11:17	23:04
	19	11:13	23:17		19	11:20	23:16		19	11:15	23:05
	26	11:12	23:16		26	11:18	23:16		26	11:12	23:06
MAR	5	11:11	23:15	MAR	5	11:15	23:16	MAR	5	11:09	23:07
	12	11:09	23:13		12	11:12	23:15		12	11:05	23:07
	19	11:06	23:11		19	11:09	23:14		19	11:01	23:07
	26	11:04	23:09		26	11:06	23:13		26	10:57	23:07
APR	2	11:02	23:08	APR	2	11:02	23:13	APR	2	10:53	23:07
	9	10:59	23:06		9	10:59	23:12		9	10:49	23:07
	16	10:57	23:05		16	10:56	23:12		16	10:45	23:07
	23	10:55	23:04		23	10:53	23:12		23	10:42	23:08
	30	10:54	23:04		30	10:51	23:12		30	10:39	23:08
MAY	7	10:53	23:04	MAY	7	10:49	23:12	MAY	7	10:37	23:09
	14	10:53	23:04		14	10:48	23:13		14	10:35	23:11
	21	10:53	23:04		21	10:47	23:14		21	10:34	23:12
	28	10:54	23:05		28	10:48	23:16		28	10:33	23:14
JUN	4	10:55	23:06	JUN	4	10:48	23:17	JUN	4	10:34	23:16
	11	10:56	23:08		11	10:50	23:19		11	10:35	23:18
	18	10:58	23:09		18	10:51	23:21		18	10:37	23:20
	25	10:59	23:11		25	10:53	23:22		25	10:38	23:21
JUL	2	11:01	23:12	JUL	2	10:54	23:23	JUL	2	10:40	23:22
	9	11:02	23:13		9	10:56	23:24		9	10:42	23:23
	16	11:02	23:14		16	10:57	23:24		16	10:44	23:22
	23	11:03	23:14		23	10:58	23:23		23	10:45	23:21
	30	11:03	23:13		30	10:58	23:22		30	10:46	23:19
AUG	6	11:02	23:12	AUG	6	10:59	23:20	AUG	6	10:47	23:16
	13	11:02	23:10		13	10:59	23:17		13	10:47	23:13
	20	11:00	23:08		20	10:58	23:14		20	10:47	23:09
	27	10:59	23:06		27	10:58	23:11		27	10:47	23:05

GIRARDOT				GUAPI				HATO COROZAL			
INDICADOR SKGI				INDICADOR SKGP				INDICADOR SKHC			
COORDENADAS 04 16 31,25 N 074 47 45,92 W				COORDENADAS 02 34 12,11 N 077 53 52,76 W				COORDENADAS 06 09 12,75 N 071 45 42,36 W			
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
SEP	3	10:57	23:03	SEP	3	10:57	23:07	SEP	3	10:47	23:01
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	17	10:53	22:57		17	10:54	23:00		17	10:46	22:52
	24	10:51	22:55		24	10:53	22:56		24	10:45	22:47
OCT	1	10:49	22:52	OCT	1	10:52	22:52	OCT	1	10:45	22:43
	8	10:47	22:50		8	10:51	22:49		8	10:45	22:39
	15	10:45	22:48		15	10:51	22:47		15	10:46	22:36
	22	10:44	22:47		22	10:51	22:45		22	10:47	22:33
	29	10:44	22:47		29	10:52	22:44		29	10:48	22:31
NOV	5	10:44	22:47	NOV	5	10:53	22:43	NOV	5	10:50	22:30
	12	10:46	22:47		12	10:55	22:43		12	10:53	22:30
	19	10:48	22:48		19	10:58	22:43		19	10:56	22:30
	26	10:50	22:50		26	11:01	22:45		26	10:59	22:31
DEC	3	10:53	22:53	DEC	3	11:04	22:46	DEC	3	11:03	22:32
	10	10:56	22:55		10	11:08	22:49		10	11:07	22:35
	17	11:00	22:59		17	11:11	22:52		17	11:10	22:38
	24	11:03	23:02		24	11:14	22:56		24	11:13	22:41
	31	11:04	23:06		31	11:15	22:59		31	11:14	22:45
JAN	1	11:08	22:59	JAN	1	11:18	23:14	JAN	1	10:59	22:43
	8	11:11	23:02		8	11:21	23:17		8	11:02	22:47
	15	11:13	23:05		15	11:23	23:20		15	11:03	22:50
	22	11:14	23:08		22	11:24	23:22		22	11:04	22:53
	29	11:14	23:10		29	11:25	23:24		29	11:04	22:55
FEB	5	11:14	23:11	FEB	5	11:25	23:26	FEB	5	11:04	22:57
	12	11:14	23:12		12	11:24	23:26		12	11:03	22:58
	19	11:13	23:12		19	11:24	23:26		19	11:02	22:59
	26	11:11	23:12		26	11:22	23:25		26	11:00	22:59
MAR	5	11:09	23:11	MAR	5	11:20	23:24	MAR	5	10:57	22:58
	12	11:06	23:10		12	11:18	23:22		12	10:54	22:57
	19	11:03	23:08		19	11:16	23:21		19	10:51	22:57
	26	11:00	23:07		26	11:13	23:19		26	10:48	22:56
APR	2	10:58	23:06	APR	2	11:11	23:17	APR	2	10:45	22:55
	9	10:55	23:05		9	11:08	23:16		9	10:42	22:54
	16	10:52	23:04		16	11:06	23:15		16	10:39	22:54
	23	10:50	23:04		23	11:04	23:14		23	10:36	22:54
	30	10:48	23:04		30	11:02	23:14		30	10:34	22:54
MAY	7	10:47	23:04	MAY	7	11:01	23:14	MAY	7	10:32	22:54
	14	10:46	23:04		14	11:01	23:14		14	10:31	22:55
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	28	10:46	23:06		28	11:01	23:16		28	10:31	22:57
JUN	4	10:47	23:08	JUN	4	11:03	23:17	JUN	4	10:32	22:59
	11	10:49	23:09		11	11:04	23:19		11	10:33	23:00
	18	10:50	23:11		18	11:05	23:20		18	10:35	23:02
	25	10:52	23:12		25	11:07	23:22		25	10:36	23:04
JUL	2	10:53	23:14	JUL	2	11:08	23:23	JUL	2	10:38	23:05
	9	10:54	23:15		9	11:10	23:24		9	10:39	23:06
	16	10:55	23:15		16	11:10	23:25		16	10:40	23:06
	23	10:56	23:14		23	11:11	23:24		23	10:41	23:05
	30	10:56	23:13		30	11:11	23:24		30	10:42	23:03
AUG	6	10:56	23:12	AUG	6	11:11	23:22	AUG	6	10:42	23:01
	13	10:56	23:09		13	11:10	23:20		13	10:42	22:59
	20	10:55	23:07		20	11:09	23:18		20	10:41	22:56
	27	10:54	23:04		27	11:08	23:15		27	10:40	22:53
SEP	3	10:53	23:01	SEP	3	11:06	23:13	SEP	3	10:39	22:49
	10	10:51	22:57		10	11:04	23:10		10	10:38	22:46
	17	10:49	22:54		17	11:02	23:07		17	10:37	22:42
	24	10:48	22:51		24	11:00	23:04		24	10:36	22:38
OCT	1	10:46	22:48	OCT	1	10:58	23:01	OCT	1	10:34	22:35
	8	10:45	22:45		8	10:56	22:59		8	10:33	22:32
	15	10:44	22:43		15	10:55	22:57		15	10:33	22:30
	22	10:43	22:42		22	10:54	22:56		22	10:33	22:28
	29	10:44	22:41		29	10:54	22:55		29	10:33	22:27
NOV	5	10:45	22:41	NOV	5	10:55	22:55	NOV	5	10:35	22:26
	12	10:46	22:41		12	10:56	22:55		12	10:37	22:26
	19	10:49	22:41		19	10:58	22:56		19	10:39	22:27
	26	10:51	22:43		26	11:01	22:58		26	10:42	22:28
DEC	3	10:55	22:45	DEC	3	11:04	23:00	DEC	3	10:46	22:30
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	17	11:01	22:51		17	11:11	23:06		17	10:53	22:36
	24	11:05	22:54		24	11:14	23:10		24	10:56	22:39
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NOMBRE IBAGUE INDICADOR SKIB COORDENADAS04 25 17,95 N 075 08 01 W				NOMBRE INIRIDA INDICADOR SKPD COORDENADAS03 51 12,78 N 067 54 22,62 W				NOMBRE IPIALES INDICADOR SKIP COORDENADAS00 51 42,86 N 077 40 18,65 W			
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
JAN	1	11:10	23:00	JAN	1	10:40	22:32	JAN	1	11:14	23:16
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	15	11:14	23:06		15	10:44	22:38		15	11:19	23:22
	22	11:15	23:09		22	10:46	22:41		22	11:21	23:24
	29	11:16	23:11		29	10:46	22:43		29	11:22	23:26
FEB	5	11:16	23:12	FEB	5	10:46	22:44	FEB	5	11:22	23:27
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	19	11:14	23:14		19	10:45	22:45		19	11:21	23:26

	26	11:12	23:13		26	10:43	22:44		26	11:20	23:25
MAR	5	11:10	23:12	MAR	5	10:41	22:43	MAR	5	11:19	23:23
	12	11:08	23:11		12	10:39	22:42		12	11:17	23:21
	19	11:05	23:10		19	10:36	22:41		19	11:15	23:19
	26	11:02	23:09		26	10:33	22:39		26	11:13	23:17
APR	2	10:59	23:07	APR	2	10:30	22:38	APR	2	11:10	23:16
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	16	10:53	23:06		16	10:25	22:36		16	11:06	23:13
	23	10:51	23:05		23	10:23	22:36		23	11:04	23:12
	30	10:49	23:05		30	10:21	22:36		30	11:03	23:11
MAY	7	10:48	23:05	MAY	7	10:20	22:36	MAY	7	11:02	23:11
	14	10:47	23:06		14	10:19	22:36		14	11:02	23:11
	21	10:47	23:07		21	10:19	22:37		21	11:02	23:12
	28	10:47	23:08		28	10:19	22:38		28	11:03	23:12
JUN	4	10:48	23:09	JUN	4	10:20	22:39	JUN	4	11:05	23:13
	11	10:50	23:11		11	10:22	22:41		11	11:06	23:15
	18	10:51	23:12		18	10:23	22:43		18	11:08	23:16
	25	10:53	23:14		25	10:25	22:44		25	11:09	23:18
JUL	2	10:54	23:15	JUL	2	10:26	22:45	JUL	2	11:10	23:19
	9	10:56	23:16		9	10:27	22:46		9	11:11	23:20
	16	10:56	23:17		16	10:28	22:47		16	11:12	23:21
	23	10:57	23:16		23	10:29	22:46		23	11:12	23:21
	30	10:57	23:15		30	10:29	22:45		30	11:12	23:21
AUG	6	10:57	23:13	AUG	6	10:29	22:44	AUG	6	11:12	23:19
	13	10:57	23:11		13	10:29	22:42		13	11:11	23:18
	20	10:56	23:08		20	10:28	22:39		20	11:10	23:16
	27	10:55	23:05		27	10:27	22:36		27	11:08	23:14
SEP	3	10:54	23:02	SEP	3	10:25	22:33	SEP	3	11:06	23:11
	10	10:52	22:59		10	10:24	22:30		10	11:04	23:08
	17	10:51	22:56		17	10:22	22:27		17	11:01	23:06
	24	10:49	22:52		24	10:20	22:23		24	10:59	23:03
OCT	1	10:47	22:49	OCT	1	10:18	22:21	OCT	1	10:57	23:01
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	15	10:45	22:45		15	10:16	22:16		15	10:53	22:57
	22	10:45	22:43		22	10:15	22:15		22	10:52	22:56
	29	10:45	22:42		29	10:16	22:14		29	10:51	22:56
NOV	5	10:46	22:42	NOV	5	10:17	22:14	NOV	5	10:52	22:56
	12	10:48	22:42		12	10:18	22:14		12	10:53	22:57
	19	10:50	22:43		19	10:20	22:15		19	10:55	22:58
	26	10:53	22:44		26	10:23	22:16		26	10:57	23:00
DEC	3	10:56	22:46	DEC	3	10:26	22:18	DEC	3	11:00	23:02
	10	11:00	22:49		10	10:30	22:21		10	11:04	23:05
	17	11:03	22:52		17	10:33	22:24		17	11:07	23:08
	24	11:06	22:56		24	10:37	22:28		24	11:10	23:12

JURADO				LA ESPERANZA				LA JAGUA DE IBIRICO			
INDICADOR SKJU				INDICADOR SKRZ				INDICADOR SKJI			
COORDENADAS 07 05 30 N 077 44 25 W				COORDENADAS 05 56 54 N 073 36 33 W				COORDENADAS 09 37 14 N 073 32 11 W			
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
JAN	1	11:25	23:06	JAN	1	11:06	22:51	JAN	1	11:11	22:44
	8	11:27	23:09		8	11:09	22:54		8	11:13	22:48
	15	11:28	23:12		15	11:10	22:58		15	11:15	22:51
	22	11:29	23:15		22	11:11	23:01		22	11:15	22:54
	29	11:29	23:18		29	11:11	23:03		29	11:15	22:57
FEB	5	11:29	23:20	FEB	5	11:11	23:05	FEB	5	11:14	22:59
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	19	11:27	23:22		19	11:09	23:06		19	11:11	23:03
	26	11:24	23:22		26	11:07	23:06		26	11:08	23:03
MAR	5	11:22	23:22	MAR	5	11:05	23:06	MAR	5	11:05	23:04
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APR	2	11:08	23:19	APR	2	10:52	23:02	APR	2	10:50	23:03
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	30	10:57	23:19		30	10:42	23:01		30	10:37	23:04
MAY	7	10:55	23:19	MAY	7	10:40	23:01	MAY	7	10:34	23:05
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	21	10:53	23:21		21	10:38	23:03		21	10:32	23:07
	28	10:53	23:22		28	10:39	23:04		28	10:32	23:09
JUN	4	10:54	23:24	JUN	4	10:40	23:06	JUN	4	10:32	23:11
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	16	11:03	23:31		16	10:48	23:13		16	10:42	23:17
	23	11:04	23:30		23	10:49	23:12		23	10:43	23:16
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	20	11:04	23:21		20	10:49	23:03		20	10:45	23:05
	27	11:04	23:17		27	10:48	23:00		27	10:44	23:01
SEP	3	11:03	23:13	SEP	3	10:47	22:57	SEP	3	10:44	22:57
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	24	10:59	23:02		24	10:43	22:46		24	10:42	22:44
OCT	1	10:58	22:59	OCT	1	10:42	22:43	OCT	1	10:42	22:40
	8	10:58	22:56		8	10:41	22:40		8	10:41	22:37
	15	10:57	22:53		15	10:40	22:37		15	10:42	22:34
	22	10:57	22:51		22	10:40	22:35		22	10:42	22:31
	29	10:58	22:49		29	10:41	22:34		29	10:44	22:29
NOV	5	11:00	22:49	NOV	5	10:42	22:34	NOV	5	10:46	22:28
	12	11:02	22:49		12	10:44	22:34		12	10:48	22:28
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	26	11:08	22:50		26	10:49	22:36		26	10:54	22:29
DEC	3	11:11	22:52	DEC	3	10:53	22:38	DEC	3	10:58	22:31
	10	11:15	22:55		10	10:56	22:40		10	11:01	22:33
	17	11:18	22:58		17	11:00	22:43		17	11:05	22:36
	24	11:21	23:01		24	11:03	22:47		24	11:08	22:40
	31	11:22	23:05		31	11:04	22:50		31	11:09	22:43
NOMBRE	LA MACARENA			NOMBRE	LA MINA			NOMBRE	LA PROVIDENCIA		
INDICADOR	SKNA			INDICADOR	SKLM			INDICADOR	SKAQ		
COORDENADAS	S02 10 32,59 N 073 47 12,13 W			COORDENADAS	S11 13 57,40 N 072 29 19,90 W			COORDENADAS	S07 09 55 N 075 43 31 W		
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
JAN	1	11:01	22:58	JAN	1	11:11	22:37	JAN	1	11:17	22:57
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	15	11:06	23:04		15	11:14	22:45		15	11:21	23:04
	22	11:07	23:07		22	11:14	22:48		22	11:21	23:07
	29	11:08	23:08		29	11:14	22:51		29	11:21	23:10
FEB	5	11:08	23:10	FEB	5	11:13	22:54	FEB	5	11:21	23:12
	12	11:08	23:10		12	11:11	22:56		12	11:20	23:13
	19	11:07	23:10		19	11:09	22:58		19	11:19	23:14
	26	11:06	23:09		26	11:06	22:59		26	11:16	23:14
MAR	5	11:04	23:07	MAR	5	11:02	23:00	MAR	5	11:14	23:14
	12	11:02	23:06		12	10:59	23:00		12	11:11	23:13
	19	10:59	23:04		19	10:54	23:00		19	11:07	23:13
	26	10:57	23:02		26	10:50	23:00		26	11:04	23:12
APR	2	10:54	23:01	APR	2	10:46	23:00	APR	2	11:00	23:11
	9	10:52	22:59		9	10:42	23:00		9	10:57	23:11
	16	10:50	22:58		16	10:38	23:01		16	10:54	23:11
	23	10:48	22:58		23	10:34	23:01		23	10:51	23:11
	30	10:46	22:57		30	10:31	23:02		30	10:49	23:11
MAY	7	10:45	22:57	MAY	7	10:29	23:03	MAY	7	10:47	23:11
	14	10:45	22:57		14	10:27	23:05		14	10:46	23:12
	21	10:45	22:58		21	10:26	23:06		21	10:45	23:13
	28	10:46	22:59		28	10:25	23:08		28	10:45	23:15
JUN	4	10:47	23:00	JUN	4	10:26	23:10	JUN	4	10:46	23:16
	11	10:48	23:02		11	10:27	23:12		11	10:47	23:18

	18	10:50	23:03		18	10:28	23:14		18	10:49	23:20
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JUL	2	10:53	23:06	JUL	2	10:32	23:17	JUL	2	10:52	23:22
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	16	10:54	23:08		16	10:36	23:16		16	10:55	23:23
	23	10:55	23:08		23	10:37	23:15		23	10:56	23:22
	30	10:55	23:07		30	10:38	23:13		30	10:56	23:21
AUG	6	10:55	23:05	AUG	6	10:39	23:10	AUG	6	10:56	23:18
	13	10:54	23:04		13	10:39	23:07		13	10:56	23:16
	20	10:53	23:01		20	10:40	23:03		20	10:56	23:13
	27	10:51	22:59		27	10:40	22:59		27	10:56	23:09
SEP	3	10:50	22:56	SEP	3	10:40	22:54	SEP	3	10:55	23:06
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	24	10:44	22:47		24	10:39	22:40		24	10:51	22:54
OCT	1	10:42	22:45	OCT	1	10:38	22:36	OCT	1	10:50	22:51
	8	10:40	22:43		8	10:39	22:32		8	10:50	22:47
	15	10:38	22:41		15	10:39	22:29		15	10:49	22:45
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	29	10:37	22:39		29	10:42	22:24		29	10:50	22:41
NOV	5	10:38	22:39	NOV	5	10:44	22:23	NOV	5	10:52	22:41
	12	10:39	22:39		12	10:47	22:22		12	10:54	22:41
	19	10:41	22:40		19	10:50	22:22		19	10:57	22:41
	26	10:44	22:42		26	10:53	22:23		26	11:00	22:42
DEC	3	10:47	22:44	DEC	3	10:57	22:24	DEC	3	11:03	22:44
	10	10:50	22:47		10	11:01	22:27		10	11:07	22:47
	17	10:54	22:51		17	11:04	22:30		17	11:10	22:50
	24	10:57	22:54		24	11:08	22:33		24	11:14	22:53
	31	10:58	22:58		31	11:08	22:37		31	11:14	22:57
NOMBRE LAS CRUCES INDICADOR SKRU COORDENADAS07 22 59,70 N 073 30 19,80 W				NOMBRE LETICIA INDICADOR SKLT COORDENADAS04 11 31,08 S 069 56 29,19 W				NOMBRE MAGANGUE INDICADOR SKMG COORDENADAS09 17 05,19 N 074 50 45,97 W			
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
JAN	1	11:08	22:48	JAN	1	10:35	22:54	JAN	1	11:17	22:50
	8	11:10	22:52		8	10:38	22:56		8	11:19	22:54
	15	11:12	22:55		15	10:41	22:59		15	11:20	22:57
	22	11:13	22:58		22	10:43	23:00		22	11:21	23:01
	29	11:13	23:01		29	10:45	23:01		29	11:21	23:03
FEB	5	11:13	23:02	FEB	5	10:46	23:01	FEB	5	11:20	23:06
	12	11:12	23:04		12	10:46	23:00		12	11:19	23:07
	19	11:10	23:05		19	10:46	22:58		19	11:17	23:09
	26	11:08	23:05		26	10:46	22:56		26	11:14	23:09
MAR	5	11:05	23:05	MAR	5	10:46	22:53	MAR	5	11:11	23:10
	12	11:02	23:04		12	10:45	22:51		12	11:08	23:10

	19	10:58	23:04		19	10:44	22:48		19	11:04	23:09
	26	10:55	23:03		26	10:42	22:45		26	11:00	23:09
APR	2	10:51	23:02	APR	2	10:41	22:42	APR	2	10:56	23:09
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	16	10:45	23:02		16	10:39	22:37		16	10:49	23:09
	23	10:42	23:02		23	10:38	22:36		23	10:46	23:09
	30	10:40	23:02		30	10:38	22:34		30	10:43	23:09
MAY	7	10:38	23:03	MAY	7	10:38	22:33	MAY	7	10:41	23:10
	14	10:36	23:03		14	10:38	22:33		14	10:39	23:11
	21	10:36	23:05		21	10:39	22:33		21	10:38	23:13
	28	10:36	23:06		28	10:41	22:33		28	10:38	23:15
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	18	10:39	23:11		18	10:45	22:37		18	10:41	23:20
	25	10:41	23:13		25	10:47	22:38		25	10:43	23:21
JUL	2	10:43	23:14	JUL	2	10:48	22:40	JUL	2	10:45	23:23
	9	10:44	23:15		9	10:48	22:41		9	10:47	23:23
	16	10:46	23:14		16	10:49	22:42		16	10:48	23:23
	23	10:46	23:13		23	10:48	22:43		23	10:49	23:22
	30	10:47	23:12		30	10:48	22:44		30	10:50	23:20
AUG	6	10:47	23:10	AUG	6	10:47	22:43	AUG	6	10:51	23:17
	13	10:47	23:07		13	10:45	22:42		13	10:51	23:14
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	27	10:47	23:00		27	10:41	22:40		27	10:50	23:07
SEP	3	10:46	22:57	SEP	3	10:38	22:38	SEP	3	10:50	23:03
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OCT	1	10:42	22:42	OCT	1	10:25	22:32	OCT	1	10:47	22:46
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NOV	5	10:43	22:32	NOV	5	10:15	22:31	NOV	5	10:51	22:35
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	26	10:51	22:33		26	10:18	22:37		26	11:00	22:35
DEC	3	10:55	22:35	DEC	3	10:21	22:39	DEC	3	11:03	22:37
	10	10:58	22:37		10	10:24	22:43		10	11:07	22:39
	17	11:02	22:40		17	10:27	22:46		17	11:10	22:42
	24	11:05	22:44		24	10:31	22:50		24	11:14	22:46
	31	11:06	22:47		31	10:32	22:53		31	11:15	22:50
NOMBRE		MALAGA		NOMBRE		MANIZALES		NOMBRE		MARIQUITA	
INDICADOR		SKLA		INDICADOR		SKMZ		INDICADOR		SKQU	

COORDENADAS06 42 21,40 N 072 43 49,40 W				COORDENADAS05 01 48,17 N 075 27 55,63 W				COORDENADAS05 12 45,51 N 074 53 01,56 W			
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
JAN	1	11:04	22:46	JAN	1	11:12	23:00	JAN	1	11:10	22:57
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	15	11:08	22:53		15	11:16	23:07		15	11:14	23:04
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	29	11:09	22:58		29	11:18	23:11		29	11:16	23:09
FEB	5	11:09	23:00	FEB	5	11:18	23:13	FEB	5	11:16	23:10
	12	11:08	23:01		12	11:17	23:14		12	11:15	23:12
	19	11:06	23:02		19	11:16	23:14		19	11:14	23:12
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MAR	5	11:01	23:02	MAR	5	11:12	23:13	MAR	5	11:09	23:11
	12	10:58	23:01		12	11:09	23:12		12	11:07	23:10
	19	10:55	23:01		19	11:06	23:11		19	11:04	23:09
	26	10:52	23:00		26	11:03	23:10		26	11:01	23:08
APR	2	10:48	22:59	APR	2	11:00	23:09	APR	2	10:58	23:07
	9	10:45	22:58		9	10:57	23:08		9	10:55	23:06
	16	10:42	22:58		16	10:54	23:08		16	10:52	23:05
	23	10:39	22:58		23	10:52	23:07		23	10:49	23:05
	30	10:37	22:58		30	10:50	23:07		30	10:47	23:05
MAY	7	10:35	22:59	MAY	7	10:48	23:07	MAY	7	10:46	23:05
	14	10:34	22:59		14	10:47	23:08		14	10:45	23:06
	21	10:34	23:00		21	10:47	23:09		21	10:45	23:07
	28	10:34	23:02		28	10:48	23:10		28	10:45	23:08
JUN	4	10:35	23:04	JUN	4	10:49	23:12	JUN	4	10:46	23:10
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	18	10:38	23:07		18	10:51	23:15		18	10:49	23:13
	25	10:39	23:08		25	10:53	23:16		25	10:50	23:14
JUL	2	10:41	23:10	JUL	2	10:55	23:18	JUL	2	10:52	23:16
	9	10:42	23:10		9	10:56	23:18		9	10:53	23:16
	16	10:43	23:10		16	10:57	23:19		16	10:54	23:17
	23	10:44	23:09		23	10:58	23:18		23	10:55	23:16
	30	10:45	23:08		30	10:58	23:17		30	10:55	23:15
AUG	6	10:45	23:06	AUG	6	10:58	23:15	AUG	6	10:55	23:13
	13	10:45	23:03		13	10:58	23:13		13	10:55	23:11
	20	10:45	23:00		20	10:57	23:10		20	10:55	23:08
	27	10:44	22:57		27	10:56	23:07		27	10:54	23:05
SEP	3	10:43	22:53	SEP	3	10:55	23:04	SEP	3	10:52	23:01
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	17	10:41	22:46		17	10:52	22:57		17	10:50	22:54
	24	10:39	22:42		24	10:50	22:53		24	10:48	22:51
OCT	1	10:38	22:39	OCT	1	10:49	22:50	OCT	1	10:47	22:48
	8	10:38	22:36		8	10:48	22:48		8	10:46	22:45
	15	10:37	22:33		15	10:47	22:45		15	10:45	22:43

MEDELLIN				MIRAFLORES				MITU			
INDICADOR SKMD				INDICADOR SKMF				INDICADOR SKMU			
COORDENADAS 06 13 13,59 N 075 35 25,56 W				COORDENADAS 01 20 15,76 N 071 57 07,51 W				COORDENADAS 01 15 12,62 N 070 14 02,72 W			
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
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NOV	5	10:39	22:29	NOV	5	10:48	22:42	NOV	5	10:46	22:40
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	19	10:44	22:30		19	10:52	22:43		19	10:50	22:40
	26	10:47	22:31		26	10:55	22:44		26	10:53	22:42
DEC	3	10:50	22:33	DEC	3	10:58	22:47	DEC	3	10:56	22:44
	10	10:54	22:35		10	11:02	22:49		10	11:00	22:47
	17	10:57	22:39		17	11:05	22:52		17	11:03	22:50
	24	11:01	22:42		24	11:09	22:56		24	11:07	22:53
	31	11:02	22:46		31	11:10	22:59		31	11:08	22:57
JAN	1	11:15	22:58	JAN	1	10:52	22:52	JAN	1	10:45	22:45
	8	11:17	23:02		8	10:55	22:55		8	10:48	22:49
	15	11:19	23:05		15	10:57	22:58		15	10:50	22:51
	22	11:19	23:08		22	10:58	23:00		22	10:51	22:54
	29	11:20	23:10		29	10:59	23:02		29	10:52	22:55
FEB	5	11:20	23:12	FEB	5	10:59	23:03	FEB	5	10:53	22:56
	12	11:19	23:13		12	10:59	23:03		12	10:52	22:57
	19	11:17	23:14		19	10:59	23:03		19	10:52	22:56
	26	11:15	23:14		26	10:58	23:02		26	10:51	22:55
MAR	5	11:13	23:14	MAR	5	10:56	23:00	MAR	5	10:49	22:53
	12	11:10	23:13		12	10:54	22:58		12	10:47	22:52
	19	11:07	23:12		19	10:52	22:57		19	10:45	22:50
	26	11:03	23:11		26	10:50	22:55		26	10:43	22:48
APR	2	11:00	23:10	APR	2	10:47	22:53	APR	2	10:40	22:46
	9	10:57	23:10		9	10:45	22:52		9	10:38	22:45
	16	10:54	23:09		16	10:43	22:50		16	10:36	22:43
	23	10:51	23:09		23	10:41	22:49		23	10:34	22:42
	30	10:49	23:09		30	10:40	22:49		30	10:33	22:42
MAY	7	10:47	23:09	MAY	7	10:39	22:49	MAY	7	10:32	22:42
	14	10:46	23:10		14	10:38	22:49		14	10:32	22:42
	21	10:46	23:11		21	10:39	22:49		21	10:32	22:42
	28	10:46	23:13		28	10:40	22:50		28	10:33	22:43
JUN	4	10:47	23:14	JUN	4	10:41	22:51	JUN	4	10:34	22:44
	11	10:48	23:16		11	10:42	22:53		11	10:36	22:46
	18	10:50	23:17		18	10:44	22:54		18	10:37	22:47
	25	10:51	23:19		25	10:45	22:56		25	10:39	22:49
JUL	2	10:53	23:20	JUL	2	10:47	22:57	JUL	2	10:40	22:50
	9	10:54	23:21		9	10:48	22:58		9	10:41	22:51
	16	10:56	23:21		16	10:48	22:59		16	10:42	22:52

	23	10:56	23:20		23	10:49	22:59		23	10:42	22:52
	30	10:57	23:19		30	10:49	22:58		30	10:42	22:51
AUG	6	10:57	23:17	AUG	6	10:48	22:57	AUG	6	10:41	22:50
	13	10:57	23:14		13	10:47	22:55		13	10:41	22:48
	20	10:56	23:11		20	10:46	22:53		20	10:39	22:46
	27	10:56	23:08		27	10:45	22:51		27	10:38	22:44
SEP	3	10:55	23:05	SEP	3	10:43	22:48	SEP	3	10:36	22:41
	10	10:53	23:01		10	10:41	22:46		10	10:34	22:39
	17	10:52	22:57		17	10:38	22:43		17	10:32	22:36
	24	10:51	22:54		24	10:36	22:40		24	10:29	22:33
OCT	1	10:50	22:50	OCT	1	10:34	22:38	OCT	1	10:27	22:31
	8	10:49	22:47		8	10:32	22:36		8	10:25	22:29
	15	10:48	22:45		15	10:31	22:34		15	10:24	22:27
	22	10:48	22:43		22	10:30	22:33		22	10:23	22:26
	29	10:49	22:42		29	10:29	22:33		29	10:22	22:26
NOV	5	10:50	22:41	NOV	5	10:30	22:33	NOV	5	10:23	22:26
	12	10:52	22:41		12	10:31	22:33		12	10:24	22:26
	19	10:55	22:42		19	10:33	22:34		19	10:26	22:28
	26	10:58	22:43		26	10:35	22:36		26	10:28	22:29
DEC	3	11:01	22:45	DEC	3	10:38	22:38	DEC	3	10:31	22:32
	10	11:05	22:48		10	10:42	22:41		10	10:34	22:35
	17	11:08	22:51		17	10:45	22:45		17	10:38	22:38
	24	11:11	22:54		24	10:48	22:48		24	10:41	22:41
	31	11:12	22:58		31	10:49	22:52		31	10:42	22:45
NOMBRE MOMPOS INDICADOR SKMP COORDENADAS09 15 28,06 N 074 26 16,86 W				NOMBRE MONFORT INDICADOR SKNF COORDENADAS00 37 30 N 069 44 58 W				NOMBRE MONTELIBANO INDICADOR SKML COORDENADAS07 58 24 N 075 26 28,60 W			
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
JAN	1	11:15	22:49	JAN	1	10:42	22:45	JAN	1	11:17	22:55
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	15	11:18	22:56		15	10:47	22:50		15	11:21	23:02
	22	11:19	22:59		22	10:49	22:53		22	11:21	23:05
	29	11:19	23:02		29	10:50	22:54		29	11:21	23:07
FEB	5	11:18	23:04	FEB	5	10:50	22:55	FEB	5	11:21	23:10
	12	11:17	23:06		12	10:50	22:55		12	11:20	23:11
	19	11:15	23:07		19	10:49	22:54		19	11:18	23:12
	26	11:13	23:08		26	10:48	22:53		26	11:16	23:13
MAR	5	11:09	23:08	MAR	5	10:47	22:52	MAR	5	11:13	23:12
	12	11:06	23:08		12	10:45	22:50		12	11:10	23:12
	19	11:02	23:08		19	10:43	22:48		19	11:06	23:12
	26	10:58	23:07		26	10:41	22:46		26	11:02	23:11
APR	2	10:54	23:07	APR	2	10:39	22:44	APR	2	10:59	23:10
	9	10:51	23:07		9	10:37	22:42		9	10:55	23:10
	16	10:47	23:07		16	10:35	22:41		16	10:52	23:10

	23	10:44	23:07		23	10:33	22:40		23	10:49	23:10
	30	10:41	23:08		30	10:32	22:39		30	10:47	23:10
MAY	7	10:39	23:09	MAY	7	10:31	22:39	MAY	7	10:45	23:11
	14	10:38	23:10		14	10:31	22:39		14	10:43	23:12
	21	10:37	23:11		21	10:31	22:40		21	10:43	23:13
	28	10:36	23:13		28	10:32	22:40		28	10:43	23:15
JUN	4	10:37	23:15	JUN	4	10:33	22:41	JUN	4	10:43	23:16
	11	10:38	23:17		11	10:35	22:43		11	10:45	23:18
	18	10:40	23:18		18	10:36	22:44		18	10:46	23:20
	25	10:42	23:20		25	10:38	22:46		25	10:48	23:21
JUL	2	10:43	23:21	JUL	2	10:39	22:47	JUL	2	10:49	23:23
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	16	10:46	23:21		16	10:41	22:49		16	10:52	23:23
	23	10:48	23:20		23	10:41	22:49		23	10:53	23:22
	30	10:48	23:18		30	10:41	22:49		30	10:54	23:20
AUG	6	10:49	23:16	AUG	6	10:40	22:48	AUG	6	10:54	23:18
	13	10:49	23:13		13	10:39	22:46		13	10:54	23:15
	20	10:49	23:09		20	10:38	22:44		20	10:54	23:12
	27	10:49	23:05		27	10:36	22:42		27	10:54	23:09
SEP	3	10:48	23:01	SEP	3	10:34	22:39	SEP	3	10:53	23:05
	10	10:48	22:57		10	10:32	22:37		10	10:52	23:01
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	24	10:46	22:49		24	10:27	22:32		24	10:50	22:53
OCT	1	10:46	22:45	OCT	1	10:25	22:29	OCT	1	10:49	22:49
	8	10:45	22:41		8	10:23	22:27		8	10:49	22:46
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	29	10:48	22:34		29	10:19	22:25		29	10:50	22:39
NOV	5	10:49	22:33	NOV	5	10:20	22:25	NOV	5	10:52	22:39
	12	10:52	22:33		12	10:21	22:25		12	10:54	22:38
	19	10:55	22:33		19	10:23	22:26		19	10:57	22:39
	26	10:58	22:34		26	10:25	22:28		26	11:00	22:40
DEC	3	11:02	22:35	DEC	3	10:28	22:31	DEC	3	11:03	22:42
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	17	11:09	22:41		17	10:35	22:37		17	11:10	22:47
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	31	11:13	22:48		31	10:39	22:44		31	11:15	22:54
NOMBRE	MONTERIA			NOMBRE	MURINDO			NOMBRE	NECOCLI		
INDICADOR	SKMR			INDICADOR	SKUQ			INDICADOR	SKNC		
COORDENADAS	08 49 25,91 N 075 49 34,02 W			COORDENADAS	06 58 54,3 N 076 48 50,5 W			COORDENADAS	08 27 00 N 076 47 00 W		
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
JAN	1	11:20	22:55	JAN	1	11:21	23:02	JAN	1	11:23	22:59
	8	11:22	22:59		8	11:23	23:06		8	11:25	23:03
	15	11:23	23:02		15	11:25	23:09		15	11:27	23:06

	22	11:24	23:05		22	11:25	23:12		22	11:27	23:10
	29	11:24	23:08		29	11:25	23:14		29	11:27	23:12
FEB	5	11:23	23:10	FEB	5	11:25	23:16	FEB	5	11:27	23:14
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	26	11:18	23:14		26	11:21	23:19		26	11:21	23:18
MAR	5	11:15	23:14	MAR	5	11:18	23:18	MAR	5	11:18	23:18
	12	11:11	23:14		12	11:15	23:18		12	11:15	23:17
	19	11:08	23:13		19	11:12	23:17		19	11:11	23:17
	26	11:04	23:13		26	11:08	23:16		26	11:08	23:17
APR	2	11:00	23:12	APR	2	11:05	23:15	APR	2	11:04	23:16
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	16	10:53	23:12		16	10:58	23:15		16	10:57	23:16
	23	10:50	23:12		23	10:56	23:15		23	10:54	23:16
	30	10:47	23:13		30	10:53	23:15		30	10:52	23:16
MAY	7	10:45	23:14	MAY	7	10:51	23:15	MAY	7	10:49	23:17
	14	10:44	23:15		14	10:50	23:16		14	10:48	23:18
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	28	10:43	23:18		28	10:50	23:19		28	10:47	23:21
JUN	4	10:43	23:19	JUN	4	10:51	23:20	JUN	4	10:48	23:23
	11	10:45	23:21		11	10:52	23:22		11	10:49	23:24
	18	10:46	23:23		18	10:53	23:24		18	10:51	23:26
	25	10:48	23:25		25	10:55	23:25		25	10:52	23:28
JUL	2	10:50	23:26	JUL	2	10:57	23:26	JUL	2	10:54	23:29
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	16	10:53	23:26		16	10:59	23:27		16	10:57	23:29
	23	10:54	23:25		23	11:00	23:26		23	10:58	23:28
	30	10:55	23:23		30	11:01	23:25		30	10:59	23:26
AUG	6	10:55	23:21	AUG	6	11:01	23:23	AUG	6	10:59	23:24
	13	10:55	23:18		13	11:01	23:20		13	10:59	23:21
	20	10:55	23:14		20	11:01	23:17		20	10:59	23:18
	27	10:55	23:11		27	11:00	23:13		27	10:59	23:14
SEP	3	10:54	23:07	SEP	3	10:59	23:10	SEP	3	10:58	23:10
	10	10:53	23:02		10	10:58	23:06		10	10:57	23:06
	17	10:53	22:58		17	10:57	23:02		17	10:57	23:02
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OCT	1	10:51	22:50	OCT	1	10:55	22:55	OCT	1	10:55	22:54
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	22	10:51	22:42		22	10:54	22:47		22	10:55	22:46
	29	10:53	22:40		29	10:55	22:46		29	10:56	22:44
NOV	5	10:54	22:39	NOV	5	10:56	22:45	NOV	5	10:58	22:43
	12	10:57	22:39		12	10:58	22:45		12	11:00	22:43
	19	11:00	22:39		19	11:01	22:46		19	11:03	22:43

NEIVA				NUQUI				OCAÑA			
INDICADOR SKNV				INDICADOR SKNQ				INDICADOR SKOC			
COORDENADAS 02 56 59,59 N 075 17 38,82 W				COORDENADAS 05 42 34,23 N 077 15 45,76 W				COORDENADAS 08 18 56,14 N 073 21 29,88 W			
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
DEC	26	11:03	22:40	DEC	26	11:04	22:47	DEC	26	11:06	22:44
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	10	11:10	22:44		10	11:11	22:51		10	11:13	22:49
	17	11:14	22:47		17	11:14	22:54		17	11:17	22:52
	24	11:17	22:51		24	11:18	22:58		24	11:20	22:55
	31	11:18	22:54		31	11:18	23:01		31	11:21	22:59
JAN	1	11:08	23:03	JAN	1	11:21	23:06	JAN	1	11:09	22:46
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	15	11:13	23:09		15	11:25	23:13		15	11:13	22:53
	22	11:14	23:12		22	11:25	23:15		22	11:13	22:56
	29	11:15	23:13		29	11:26	23:18		29	11:13	22:59
FEB	5	11:15	23:15	FEB	5	11:26	23:19	FEB	5	11:13	23:01
	12	11:14	23:15		12	11:25	23:21		12	11:12	23:02
	19	11:14	23:15		19	11:24	23:21		19	11:10	23:03
	26	11:12	23:14		26	11:22	23:21		26	11:08	23:04
MAR	5	11:10	23:13	MAR	5	11:19	23:20	MAR	5	11:05	23:04
	12	11:08	23:12		12	11:16	23:19		12	11:01	23:04
	19	11:05	23:10		19	11:13	23:19		19	10:58	23:03
	26	11:03	23:09		26	11:10	23:18		26	10:54	23:03
APR	2	11:00	23:07	APR	2	11:07	23:17	APR	2	10:50	23:02
	9	10:57	23:06		9	11:04	23:16		9	10:47	23:02
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	30	10:51	23:04		30	10:56	23:15		30	10:38	23:02
MAY	7	10:50	23:04	MAY	7	10:55	23:15	MAY	7	10:36	23:03
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JUN	4	10:52	23:07	JUN	4	10:55	23:20	JUN	4	10:35	23:09
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JUL	2	10:57	23:13	JUL	2	11:01	23:26	JUL	2	10:41	23:15
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	30	11:00	23:14		30	11:04	23:25		30	10:45	23:13
AUG	6	11:00	23:12	AUG	6	11:04	23:23	AUG	6	10:46	23:10
	13	10:59	23:10		13	11:04	23:21		13	10:46	23:07
	20	10:58	23:08		20	11:04	23:18		20	10:46	23:04

	27	10:57	23:05		27	11:03	23:15		27	10:45	23:00
SEP	3	10:55	23:02	SEP	3	11:02	23:11	SEP	3	10:45	22:56
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OCT	1	10:48	22:51	OCT	1	10:56	22:57	OCT	1	10:41	22:41
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NOV	5	10:45	22:44	NOV	5	10:56	22:49	NOV	5	10:44	22:30
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DEC	3	10:54	22:49	DEC	3	11:07	22:53	DEC	3	10:56	22:33
	10	10:58	22:52		10	11:10	22:55		10	10:59	22:35
	17	11:01	22:55		17	11:14	22:58		17	11:03	22:38
	24	11:05	22:59		24	11:17	23:02		24	11:06	22:42
	31	11:05	23:02		31	11:18	23:05		31	11:07	22:45
NOMBRE OROCUE INDICADOR SKOE COORDENADAS04 47 32 N 071 21 23 W				NOMBRE OTU INDICADOR SKOT COORDENADAS07 00 38 N 074 42 56 W				NOMBRE PAIPA INDICADOR SKPA COORDENADAS05 45 53,86 N 073 06 19,12 W			
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
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	8	10:58	22:47		8	11:15	22:57		8	11:06	22:53
	15	11:00	22:50		15	11:16	23:00		15	11:08	22:56
	22	11:01	22:53		22	11:17	23:03		22	11:09	22:59
	29	11:01	22:55		29	11:17	23:06		29	11:09	23:01
FEB	5	11:01	22:57	FEB	5	11:17	23:08	FEB	5	11:09	23:03
	12	11:00	22:58		12	11:16	23:09		12	11:08	23:04
	19	10:59	22:58		19	11:14	23:10		19	11:07	23:04
	26	10:57	22:58		26	11:12	23:10		26	11:05	23:04
MAR	5	10:55	22:57	MAR	5	11:10	23:10	MAR	5	11:03	23:04
	12	10:53	22:56		12	11:06	23:09		12	11:00	23:03
	19	10:50	22:55		19	11:03	23:09		19	10:57	23:02
	26	10:47	22:54		26	11:00	23:08		26	10:53	23:01
APR	2	10:44	22:52	APR	2	10:56	23:07	APR	2	10:50	23:00
	9	10:41	22:52		9	10:53	23:07		9	10:47	22:59
	16	10:38	22:51		16	10:50	23:06		16	10:44	22:59
	23	10:36	22:51		23	10:47	23:06		23	10:42	22:59
	30	10:34	22:51		30	10:45	23:06		30	10:40	22:59
MAY	7	10:32	22:51	MAY	7	10:43	23:07	MAY	7	10:38	22:59
	14	10:31	22:51		14	10:42	23:08		14	10:37	23:00
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	28	10:32	22:53		28	10:41	23:10		28	10:37	23:02
JUN	4	10:33	22:55	JUN	4	10:42	23:12	JUN	4	10:38	23:03
	11	10:34	22:56		11	10:43	23:14		11	10:39	23:05
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	25	10:37	23:00		25	10:47	23:17		25	10:42	23:08
JUL	2	10:38	23:01	JUL	2	10:48	23:18	JUL	2	10:44	23:09
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	16	10:41	23:02		16	10:51	23:19		16	10:46	23:10
	23	10:41	23:01		23	10:52	23:18		23	10:47	23:10
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AUG	6	10:42	22:58	AUG	6	10:53	23:14	AUG	6	10:48	23:06
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	20	10:41	22:53		20	10:52	23:09		20	10:47	23:01
	27	10:40	22:50		27	10:52	23:05		27	10:46	22:58
SEP	3	10:39	22:47	SEP	3	10:51	23:01	SEP	3	10:45	22:55
	10	10:37	22:44		10	10:50	22:58		10	10:44	22:51
	17	10:35	22:40		17	10:49	22:54		17	10:42	22:47
	24	10:34	22:37		24	10:47	22:50		24	10:41	22:44
OCT	1	10:32	22:34	OCT	1	10:46	22:47	OCT	1	10:40	22:41
	8	10:31	22:31		8	10:46	22:43		8	10:39	22:38
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	29	10:30	22:27		29	10:46	22:37		29	10:38	22:32
NOV	5	10:31	22:26	NOV	5	10:48	22:37	NOV	5	10:40	22:32
	12	10:33	22:26		12	10:50	22:37		12	10:42	22:32
	19	10:36	22:27		19	10:52	22:37		19	10:44	22:33
	26	10:38	22:28		26	10:55	22:38		26	10:47	22:34
DEC	3	10:42	22:30	DEC	3	10:59	22:40	DEC	3	10:50	22:36
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	24	10:52	22:40		24	11:09	22:49		24	11:01	22:45
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NOMBRE	PASTO			NOMBRE	PAZ DE ARIPORO			NOMBRE	PEREIRA		
INDICADOR	SKPS			INDICADOR	SKPZ			INDICADOR	SKPE		
COORDENADAS	01 23 47,12 N 077 17 27,67 W			COORDENADAS	05 52 34,47 N 071 53 18,17 W			COORDENADAS	04 48 47,17 N 075 44 17,35 W		
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
JAN	1	11:14	23:13	JAN	1	10:57	22:42	JAN	1	11:13	23:01
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	15	11:18	23:19		15	11:01	22:48		15	11:17	23:08
	22	11:20	23:22		22	11:02	22:51		22	11:18	23:11
	29	11:21	23:23		29	11:02	22:53		29	11:19	23:13
FEB	5	11:21	23:24	FEB	5	11:02	22:55	FEB	5	11:18	23:14
	12	11:21	23:25		12	11:01	22:56		12	11:18	23:15

	19	11:20	23:24		19	11:00	22:57		19	11:17	23:16
	26	11:19	23:23		26	10:58	22:57		26	11:15	23:15
MAR	5	11:17	23:21	MAR	5	10:55	22:56	MAR	5	11:13	23:14
	12	11:16	23:20		12	10:52	22:55		12	11:10	23:13
	19	11:13	23:18		19	10:49	22:54		19	11:07	23:12
	26	11:11	23:16		26	10:46	22:53		26	11:04	23:11
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	16	11:04	23:12		16	10:37	22:51		16	10:56	23:08
	23	11:02	23:11		23	10:34	22:51		23	10:53	23:08
	30	11:01	23:10		30	10:32	22:51		30	10:51	23:08
MAY	7	11:00	23:10	MAY	7	10:30	22:52	MAY	7	10:50	23:08
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	21	11:00	23:11		21	10:29	22:53		21	10:49	23:10
	28	11:01	23:12		28	10:29	22:55		28	10:49	23:11
JUN	4	11:02	23:13	JUN	4	10:30	22:56	JUN	4	10:50	23:12
	11	11:04	23:14		11	10:31	22:58		11	10:51	23:14
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	25	11:07	23:17		25	10:35	23:01		25	10:55	23:17
JUL	2	11:08	23:19	JUL	2	10:36	23:02	JUL	2	10:56	23:18
	9	11:09	23:20		9	10:38	23:03		9	10:57	23:19
	16	11:10	23:20		16	10:39	23:03		16	10:58	23:20
	23	11:10	23:20		23	10:39	23:02		23	10:59	23:19
	30	11:10	23:20		30	10:40	23:01		30	10:59	23:18
AUG	6	11:10	23:19	AUG	6	10:40	22:59	AUG	6	10:59	23:16
	13	11:09	23:17		13	10:40	22:57		13	10:59	23:14
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	27	11:06	23:12		27	10:38	22:50		27	10:57	23:08
SEP	3	11:04	23:10	SEP	3	10:37	22:47	SEP	3	10:56	23:05
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	24	10:58	23:02		24	10:33	22:36		24	10:51	22:55
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	8	10:54	22:57		8	10:31	22:30		8	10:49	22:49
	15	10:52	22:55		15	10:30	22:28		15	10:48	22:47
	22	10:51	22:54		22	10:30	22:26		22	10:47	22:45
	29	10:50	22:54		29	10:31	22:25		29	10:48	22:44
NOV	5	10:51	22:54	NOV	5	10:32	22:24	NOV	5	10:49	22:44
	12	10:52	22:54		12	10:34	22:24		12	10:51	22:44
	19	10:54	22:56		19	10:37	22:25		19	10:53	22:44
	26	10:57	22:57		26	10:40	22:26		26	10:56	22:46
DEC	3	11:00	23:00	DEC	3	10:43	22:28	DEC	3	10:59	22:48
	10	11:03	23:03		10	10:46	22:31		10	11:03	22:51
	17	11:06	23:06		17	10:50	22:34		17	11:06	22:54

PITALITO				PIZARRO				PLATO			
INDICADOR SKPI				INDICADOR SQZJ				INDICADOR SKPL			
COORDENADAS01 51 26,28 N 076 05 08,27 W				COORDENADAS04 57 38,8 N 077 21 47,7 W				COORDENADAS09 48 04,19 N 074 47 11,33 W			
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
	24	11:10	23:09		24	10:53	22:37		24	11:10	22:57
	31	11:11	23:13		31	10:54	22:41		31	11:10	23:01
JAN	1	11:09	23:08	JAN	1	11:20	23:08	JAN	1	11:17	22:49
	8	11:12	23:11		8	11:22	23:11		8	11:19	22:53
	15	11:14	23:14		15	11:24	23:14		15	11:21	22:56
	22	11:16	23:16		22	11:25	23:17		22	11:21	23:00
	29	11:16	23:18		29	11:25	23:19		29	11:21	23:02
FEB	5	11:17	23:19	FEB	5	11:25	23:21	FEB	5	11:20	23:05
	12	11:16	23:19		12	11:25	23:22		12	11:19	23:07
	19	11:16	23:19		19	11:23	23:22		19	11:17	23:08
	26	11:15	23:18		26	11:22	23:22		26	11:14	23:09
MAR	5	11:13	23:17	MAR	5	11:19	23:21	MAR	5	11:11	23:09
	12	11:11	23:15		12	11:17	23:20		12	11:07	23:09
	19	11:08	23:13		19	11:14	23:19		19	11:04	23:09
	26	11:06	23:12		26	11:11	23:18		26	11:00	23:09
APR	2	11:04	23:10	APR	2	11:08	23:17	APR	2	10:56	23:09
	9	11:01	23:08		9	11:05	23:16		9	10:52	23:09
	16	10:59	23:07		16	11:02	23:15		16	10:48	23:09
	23	10:57	23:06		23	11:00	23:15		23	10:45	23:09
	30	10:56	23:06		30	10:58	23:15		30	10:42	23:10
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	14	10:54	23:06		14	10:55	23:16		14	10:38	23:12
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	28	10:55	23:08		28	10:55	23:18		28	10:37	23:15
JUN	4	10:57	23:09	JUN	4	10:56	23:19	JUN	4	10:38	23:17
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JUL	2	11:02	23:15	JUL	2	11:02	23:25	JUL	2	10:44	23:23
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	16	11:04	23:16		16	11:05	23:26		16	10:47	23:23
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AUG	6	11:04	23:14	AUG	6	11:06	23:23	AUG	6	10:50	23:18
	13	11:03	23:12		13	11:05	23:20		13	10:50	23:14
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	27	11:01	23:08		27	11:04	23:15		27	10:50	23:07
SEP	3	10:59	23:05	SEP	3	11:02	23:11	SEP	3	10:49	23:03
	10	10:57	23:02		10	11:01	23:08		10	10:49	22:58
	17	10:55	22:59		17	11:00	23:04		17	10:48	22:54

	24	10:53	22:57		24	10:58	23:01		24	10:48	22:50
OCT	1	10:51	22:54	OCT	1	10:57	22:58	OCT	1	10:47	22:46
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	22	10:46	22:49		22	10:54	22:51		22	10:48	22:36
	29	10:46	22:49		29	10:55	22:50		29	10:50	22:35
NOV	5	10:47	22:49	NOV	5	10:56	22:50	NOV	5	10:52	22:34
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	26	10:53	22:52		26	11:03	22:52		26	11:00	22:34
DEC	3	10:56	22:54	DEC	3	11:06	22:54	DEC	3	11:04	22:36
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	24	11:06	23:04		24	11:16	23:04		24	11:14	22:45
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NOMBRE POPAYAN INDICADOR SKPP COORDENADAS02 27 15,29 N 076 36 35,47 W				NOMBRE PROVIDENCIA INDICADOR SKPV COORDENADAS13 21 25,79 N 081 21 28,53 W				NOMBRE PUERTO ASIS INDICADOR SKAS COORDENADAS00 30 20,55 N 076 30 03 W			
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
JAN	1	11:13	23:09	JAN	1	11:50	23:09	JAN	1	11:09	23:12
	8	11:15	23:12		8	11:51	23:13		8	11:12	23:15
	15	11:17	23:15		15	11:52	23:17		15	11:14	23:18
	22	11:19	23:18		22	11:52	23:21		22	11:16	23:20
	29	11:19	23:19		29	11:52	23:24		29	11:17	23:21
FEB	5	11:19	23:21	FEB	5	11:51	23:27	FEB	5	11:17	23:22
	12	11:19	23:21		12	11:49	23:29		12	11:17	23:22
	19	11:18	23:21		19	11:46	23:31		19	11:16	23:21
	26	11:17	23:20		26	11:43	23:33		26	11:15	23:20
MAR	5	11:15	23:19	MAR	5	11:39	23:34	MAR	5	11:14	23:19
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	19	11:11	23:15		19	11:30	23:36		19	11:10	23:15
	26	11:08	23:14		26	11:25	23:36		26	11:08	23:13
APR	2	11:05	23:12	APR	2	11:21	23:37	APR	2	11:06	23:11
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	16	11:01	23:10		16	11:12	23:38		16	11:02	23:08
	23	10:59	23:09		23	11:08	23:39		23	11:00	23:07
	30	10:57	23:09		30	11:04	23:40		30	10:59	23:06
MAY	7	10:56	23:09	MAY	7	11:02	23:42	MAY	7	10:58	23:06
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	28	10:57	23:11		28	10:57	23:47		28	10:59	23:07
JUN	4	10:58	23:12	JUN	4	10:58	23:50	JUN	4	11:01	23:08
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	18	11:01	23:15		18	11:00	23:53		18	11:03	23:11

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JUL	2	11:03	23:18	JUL	2	11:04	23:56	JUL	2	11:06	23:14
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	16	11:05	23:19		16	11:08	23:55		16	11:08	23:16
	23	11:06	23:19		23	11:09	23:53		23	11:08	23:16
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AUG	6	11:06	23:17	AUG	6	11:12	23:48	AUG	6	11:07	23:14
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	27	11:03	23:10		27	11:14	23:35		27	11:03	23:09
SEP	3	11:01	23:07	SEP	3	11:14	23:30	SEP	3	11:01	23:06
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OCT	1	10:53	22:56	OCT	1	11:15	23:11	OCT	1	10:52	22:56
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	15	10:50	22:52		15	11:16	23:02		15	10:48	22:53
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	29	10:49	22:50		29	11:20	22:57		29	10:46	22:52
NOV	5	10:50	22:50	NOV	5	11:22	22:55	NOV	5	10:47	22:52
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	19	10:53	22:51		19	11:29	22:55		19	10:50	22:54
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DEC	3	10:59	22:55	DEC	3	11:36	22:56	DEC	3	10:55	22:58
	10	11:02	22:58		10	11:40	22:58		10	10:58	23:01
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	24	11:09	23:05		24	11:47	23:05		24	11:05	23:08
	31	11:10	23:08		31	11:48	23:08		31	11:06	23:11
NOMBRE PUERTO BERRIO INDICADOR SKPR COORDENADAS 06 27 35,77 N 074 24 38,31 W				NOMBRE PUERTO BOLIVAR INDICADOR SKPB COORDENADAS 12 13 18 N 071 59 03 W				NOMBRE PUERTO CARREÑO INDICADOR SKPC COORDENADAS 06 11 06,03 N 067 29 32,89 W			
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
JAN	1	11:10	22:53	JAN	1	11:10	22:34	JAN	1	10:47	22:31
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	15	11:14	23:00		15	11:13	22:41		15	10:51	22:38
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	29	11:15	23:05		29	11:13	22:48		29	10:52	22:43
FEB	5	11:15	23:07	FEB	5	11:12	22:51	FEB	5	10:52	22:45
	12	11:14	23:08		12	11:10	22:53		12	10:51	22:46
	19	11:13	23:09		19	11:08	22:55		19	10:50	22:47
	26	11:11	23:09		26	11:05	22:56		26	10:48	22:47
MAR	5	11:08	23:09	MAR	5	11:01	22:57	MAR	5	10:45	22:46
	12	11:05	23:08		12	10:57	22:58		12	10:43	22:46

	19	11:02	23:07		19	10:52	22:58		19	10:39	22:45
	26	10:59	23:06		26	10:48	22:58		26	10:36	22:44
APR	2	10:55	23:06	APR	2	10:43	22:59	APR	2	10:33	22:43
	9	10:52	23:05		9	10:39	22:59		9	10:30	22:42
	16	10:49	23:05		16	10:35	23:00		16	10:27	22:42
	23	10:46	23:05		23	10:31	23:00		23	10:24	22:42
	30	10:44	23:05		30	10:28	23:01		30	10:22	22:42
MAY	7	10:42	23:05	MAY	7	10:26	23:03	MAY	7	10:20	22:42
	14	10:41	23:06		14	10:24	23:04		14	10:19	22:43
	21	10:41	23:07		21	10:22	23:06		21	10:19	22:44
	28	10:41	23:08		28	10:22	23:08		28	10:19	22:45
JUN	4	10:42	23:10	JUN	4	10:22	23:10	JUN	4	10:20	22:47
	11	10:43	23:11		11	10:23	23:12		11	10:21	22:48
	18	10:45	23:13		18	10:25	23:14		18	10:23	22:50
	25	10:46	23:15		25	10:26	23:15		25	10:24	22:52
JUL	2	10:48	23:16	JUL	2	10:28	23:16	JUL	2	10:26	22:53
	9	10:49	23:17		9	10:30	23:17		9	10:27	22:54
	16	10:51	23:17		16	10:32	23:16		16	10:28	22:54
	23	10:51	23:16		23	10:34	23:14		23	10:29	22:53
	30	10:52	23:14		30	10:35	23:12		30	10:30	22:51
AUG	6	10:52	23:12	AUG	6	10:36	23:09	AUG	6	10:30	22:50
	13	10:52	23:10		13	10:36	23:06		13	10:30	22:47
	20	10:52	23:07		20	10:37	23:02		20	10:29	22:44
	27	10:51	23:04		27	10:37	22:57		27	10:29	22:41
SEP	3	10:50	23:00	SEP	3	10:37	22:52	SEP	3	10:27	22:37
	10	10:49	22:56		10	10:37	22:48		10	10:26	22:34
	17	10:47	22:53		17	10:37	22:43		17	10:25	22:30
	24	10:46	22:49		24	10:37	22:38		24	10:24	22:27
OCT	1	10:45	22:46	OCT	1	10:37	22:34	OCT	1	10:22	22:23
	8	10:44	22:43		8	10:37	22:29		8	10:21	22:20
	15	10:44	22:40		15	10:38	22:26		15	10:21	22:18
	22	10:44	22:38		22	10:39	22:23		22	10:21	22:16
	29	10:44	22:37		29	10:41	22:21		29	10:22	22:15
NOV	5	10:46	22:36	NOV	5	10:43	22:19	NOV	5	10:23	22:14
	12	10:48	22:36		12	10:46	22:19		12	10:25	22:14
	19	10:50	22:37		19	10:50	22:19		19	10:27	22:15
	26	10:53	22:38		26	10:53	22:19		26	10:30	22:16
DEC	3	10:57	22:40	DEC	3	10:57	22:21	DEC	3	10:34	22:18
	10	11:00	22:43		10	11:01	22:23		10	10:37	22:21
	17	11:04	22:46		17	11:04	22:26		17	10:41	22:24
	24	11:07	22:49		24	11:07	22:29		24	10:44	22:27
	31	11:08	22:53		31	11:08	22:33		31	10:45	22:31
NOMBRE		PUERTO		NOMBRE		PUERTO		NOMBRE		QUIBDO	
		LEGUIZAMO				PERALES					

INDICADOR SKLG COORDENADAS00 10 56,20 S 074 46 14,80 W				INDICADOR SQPX COORDENADAS05 59 37 N 074 34 27 W				INDICADOR SKUI COORDENADAS05 41 26,87 N 076 38 28,39 W			
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
JAN	1	11:01	23:06	JAN	1	11:10	22:55	JAN	1	11:18	23:04
	8	11:04	23:09		8	11:13	22:58		8	11:20	23:07
	15	11:06	23:12		15	11:14	23:01		15	11:22	23:10
	22	11:08	23:14		22	11:15	23:04		22	11:23	23:13
	29	11:09	23:15		29	11:15	23:07		29	11:23	23:15
FEB	5	11:09	23:16	FEB	5	11:15	23:08	FEB	5	11:23	23:17
	12	11:09	23:16		12	11:14	23:10		12	11:22	23:18
	19	11:09	23:15		19	11:13	23:10		19	11:21	23:19
	26	11:08	23:14		26	11:11	23:10		26	11:19	23:18
MAR	5	11:07	23:12	MAR	5	11:09	23:09	MAR	5	11:17	23:18
	12	11:05	23:10		12	11:06	23:09		12	11:14	23:17
	19	11:03	23:08		19	11:03	23:08		19	11:11	23:16
	26	11:01	23:06		26	10:59	23:07		26	11:08	23:15
APR	2	10:59	23:04	APR	2	10:56	23:06	APR	2	11:04	23:14
	9	10:57	23:02		9	10:53	23:05		9	11:01	23:13
	16	10:55	23:00		16	10:50	23:05		16	10:59	23:13
	23	10:54	22:59		23	10:47	23:05		23	10:56	23:13
	30	10:53	22:58		30	10:45	23:05		30	10:54	23:13
MAY	7	10:52	22:58	MAY	7	10:44	23:05	MAY	7	10:52	23:13
	14	10:52	22:58		14	10:43	23:06		14	10:51	23:14
	21	10:53	22:58		21	10:42	23:07		21	10:51	23:15
	28	10:53	22:59		28	10:43	23:08		28	10:51	23:16
JUN	4	10:55	23:00	JUN	4	10:43	23:10	JUN	4	10:52	23:17
	11	10:56	23:02		11	10:45	23:11		11	10:53	23:19
	18	10:58	23:03		18	10:46	23:13		18	10:55	23:21
	25	10:59	23:05		25	10:48	23:14		25	10:57	23:22
JUL	2	11:00	23:06	JUL	2	10:49	23:16	JUL	2	10:58	23:23
	9	11:01	23:07		9	10:51	23:16		9	11:00	23:24
	16	11:02	23:08		16	10:52	23:17		16	11:01	23:24
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	30	11:02	23:08		30	10:53	23:14		30	11:02	23:22
AUG	6	11:01	23:07	AUG	6	10:53	23:13	AUG	6	11:02	23:20
	13	11:00	23:05		13	10:53	23:10		13	11:02	23:18
	20	10:59	23:04		20	10:53	23:07		20	11:01	23:15
	27	10:57	23:01		27	10:52	23:04		27	11:00	23:12
SEP	3	10:55	22:59	SEP	3	10:51	23:00	SEP	3	10:59	23:09
	10	10:52	22:57		10	10:50	22:57		10	10:58	23:05
	17	10:50	22:54		17	10:48	22:53		17	10:56	23:02
	24	10:47	22:52		24	10:47	22:50		24	10:55	22:58
OCT	1	10:45	22:50	OCT	1	10:46	22:46	OCT	1	10:54	22:55
	8	10:43	22:48		8	10:45	22:44		8	10:53	22:52

RIOHACHA				RIONEGRO				SAN ANDRES			
INDICADOR		SKRH		INDICADOR		SKRG		INDICADOR		SKSP	
COORDENADAS 11 31 34,20 N 072 55 36,06 W				COORDENADAS 06 09 52,06 N 075 25 22,80 W				COORDENADAS 12 35 01,18 N 081 42 40,82 W			
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
	15	10:41	22:47		15	10:44	22:41		15	10:52	22:50
	22	10:40	22:46		22	10:44	22:39		22	10:52	22:48
	29	10:39	22:46		29	10:45	22:38		29	10:52	22:47
NOV	5	10:39	22:46	NOV	5	10:46	22:38	NOV	5	10:54	22:46
	12	10:40	22:46		12	10:48	22:38		12	10:56	22:46
	19	10:42	22:48		19	10:50	22:38		19	10:58	22:47
	26	10:44	22:50		26	10:53	22:39		26	11:01	22:48
DEC	3	10:47	22:52	DEC	3	10:57	22:41	DEC	3	11:04	22:50
	10	10:50	22:55		10	11:00	22:44		10	11:08	22:53
	17	10:54	22:59		17	11:04	22:47		17	11:11	22:56
	24	10:57	23:02		24	11:07	22:51		24	11:15	22:59
	31	10:58	23:05		31	11:08	22:54		31	11:16	23:03
JAN	1	11:13	22:39	JAN	1	11:14	22:58	JAN	1	11:50	23:12
	8	11:15	22:42		8	11:16	23:01		8	11:52	23:16
	15	11:16	22:46		15	11:18	23:05		15	11:53	23:20
	22	11:16	22:50		22	11:19	23:07		22	11:53	23:23
	29	11:16	22:53		29	11:19	23:10		29	11:52	23:27
FEB	5	11:15	22:55	FEB	5	11:19	23:12	FEB	5	11:51	23:29
	12	11:13	22:58		12	11:18	23:13		12	11:50	23:32
	19	11:11	22:59		19	11:17	23:13		19	11:47	23:33
	26	11:08	23:00		26	11:15	23:13		26	11:44	23:35
MAR	5	11:04	23:01	MAR	5	11:12	23:13	MAR	5	11:40	23:36
	12	11:00	23:02		12	11:09	23:12		12	11:36	23:37
	19	10:56	23:02		19	11:06	23:11		19	11:31	23:37
	26	10:52	23:02		26	11:03	23:10		26	11:27	23:37
APR	2	10:47	23:02	APR	2	10:59	23:09	APR	2	11:22	23:38
	9	10:43	23:02		9	10:56	23:09		9	11:18	23:38
	16	10:39	23:03		16	10:53	23:08		16	11:14	23:39
	23	10:36	23:03		23	10:51	23:08		23	11:10	23:40
	30	10:33	23:04		30	10:49	23:08		30	11:07	23:41
MAY	7	10:30	23:05	MAY	7	10:47	23:09	MAY	7	11:04	23:42
	14	10:28	23:07		14	10:46	23:09		14	11:02	23:44
	21	10:27	23:09		21	10:45	23:10		21	11:01	23:45
	28	10:27	23:11		28	10:46	23:12		28	11:00	23:47
JUN	4	10:27	23:13	JUN	4	10:47	23:13	JUN	4	11:00	23:50
	11	10:28	23:15		11	10:48	23:15		11	11:01	23:52
	18	10:30	23:16		18	10:49	23:17		18	11:03	23:53
	25	10:31	23:18		25	10:51	23:18		25	11:05	23:55
JUL	2	10:33	23:19	JUL	2	10:52	23:19	JUL	2	11:07	23:56
	9	10:35	23:19		9	10:54	23:20		9	11:09	23:56

	16	10:37	23:18		16	10:55	23:20		16	11:10	23:55
	23	10:38	23:17		23	10:56	23:19		23	11:12	23:54
	30	10:39	23:15		30	10:56	23:18		30	11:13	23:51
AUG	6	10:40	23:12	AUG	6	10:56	23:16	AUG	6	11:14	23:48
	13	10:41	23:09		13	10:56	23:14		13	11:15	23:45
	20	10:41	23:05		20	10:56	23:11		20	11:15	23:41
	27	10:41	23:01		27	10:55	23:07		27	11:16	23:36
SEP	3	10:41	22:56	SEP	3	10:54	23:04	SEP	3	11:16	23:32
	10	10:41	22:51		10	10:53	23:00		10	11:16	23:27
	17	10:41	22:47		17	10:52	22:57		17	11:16	23:22
	24	10:40	22:42		24	10:50	22:53		24	11:16	23:17
OCT	1	10:40	22:38	OCT	1	10:49	22:50	OCT	1	11:16	23:12
	8	10:41	22:34		8	10:48	22:47		8	11:16	23:08
	15	10:41	22:30		15	10:47	22:44		15	11:17	23:04
	22	10:42	22:27		22	10:47	22:42		22	11:19	23:01
	29	10:44	22:25		29	10:48	22:41		29	11:20	22:59
NOV	5	10:46	22:24	NOV	5	10:49	22:41	NOV	5	11:23	22:58
	12	10:49	22:24		12	10:51	22:41		12	11:26	22:57
	19	10:52	22:24		19	10:54	22:41		19	11:29	22:57
	26	10:56	22:24		26	10:57	22:43		26	11:33	22:58
DEC	3	10:59	22:26	DEC	3	11:00	22:44	DEC	3	11:36	22:59
	10	11:03	22:28		10	11:04	22:47		10	11:40	23:01
	17	11:07	22:31		17	11:07	22:50		17	11:44	23:04
	24	11:10	22:34		24	11:11	22:54		24	11:47	23:07
	31	11:11	22:38		31	11:11	22:57		31	11:48	23:11
NOMBRE	SAN JOSE DEL GUAVIARE			NOMBRE	SAN JUAN DEL CESAR			NOMBRE	SAN MARTIN		
INDICADOR	SKSJ			INDICADOR	SKNJ			INDICADOR	SQSA		
COORDENADAS	S02 34 46,84 N 072 38 20,85 W			COORDENADAS	S10 44 31 N 072 59 28 W			COORDENADAS	S03 42 08,26 N 073 41 17,01 W		
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
JAN	1	10:57	22:53	JAN	1	11:12	22:40	JAN	1	11:14	22:45
	8	10:59	22:56		8	11:14	22:44		8	11:16	22:49
	15	11:02	22:59		15	11:15	22:48		15	11:17	22:52
	22	11:03	23:01		22	11:15	22:51		22	11:18	22:56
	29	11:03	23:03		29	11:15	22:54		29	11:18	22:59
FEB	5	11:04	23:04	FEB	5	11:14	22:57	FEB	5	11:17	23:01
	12	11:03	23:05		12	11:13	22:59		12	11:16	23:03
	19	11:03	23:05		19	11:11	23:00		19	11:13	23:04
	26	11:01	23:04		26	11:08	23:01		26	11:11	23:05
MAR	5	10:59	23:03	MAR	5	11:04	23:02	MAR	5	11:07	23:06
	12	10:57	23:01		12	11:00	23:02		12	11:04	23:06
	19	10:55	23:00		19	10:56	23:02		19	11:00	23:06
	26	10:52	22:58		26	10:52	23:02		26	10:56	23:05
APR	2	10:50	22:56	APR	2	10:48	23:02	APR	2	10:52	23:05

	9	10:47	22:55		9	10:44	23:02		9	10:48	23:05
	16	10:45	22:54		16	10:40	23:02		16	10:44	23:05
	23	10:43	22:53		23	10:37	23:03		23	10:41	23:06
	30	10:41	22:53		30	10:34	23:04		30	10:38	23:06
MAY	7	10:40	22:53	MAY	7	10:31	23:05	MAY	7	10:36	23:07
	14	10:39	22:53		14	10:30	23:06		14	10:34	23:08
	21	10:40	22:54		21	10:29	23:08		21	10:33	23:10
	28	10:40	22:55		28	10:28	23:10		28	10:33	23:12
JUN	4	10:42	22:56	JUN	4	10:29	23:11	JUN	4	10:34	23:14
	11	10:43	22:58		11	10:30	23:13		11	10:35	23:16
	18	10:44	22:59		18	10:31	23:15		18	10:36	23:17
	25	10:46	23:01		25	10:33	23:17		25	10:38	23:19
JUL	2	10:47	23:02	JUL	2	10:35	23:18	JUL	2	10:40	23:20
	9	10:48	23:03		9	10:37	23:18		9	10:42	23:20
	16	10:49	23:04		16	10:38	23:17		16	10:43	23:20
	23	10:50	23:03		23	10:40	23:16		23	10:44	23:19
	30	10:50	23:03		30	10:41	23:14		30	10:45	23:17
AUG	6	10:49	23:01	AUG	6	10:41	23:11	AUG	6	10:46	23:14
	13	10:49	22:59		13	10:42	23:08		13	10:46	23:11
	20	10:48	22:57		20	10:42	23:04		20	10:46	23:07
	27	10:47	22:54		27	10:42	23:00		27	10:46	23:03
SEP	3	10:45	22:52	SEP	3	10:42	22:56	SEP	3	10:46	22:59
	10	10:43	22:49		10	10:41	22:51		10	10:45	22:55
	17	10:41	22:46		17	10:41	22:47		17	10:45	22:50
	24	10:39	22:43		24	10:41	22:42		24	10:44	22:46
OCT	1	10:37	22:40	OCT	1	10:40	22:38	OCT	1	10:44	22:42
	8	10:35	22:38		8	10:40	22:34		8	10:43	22:38
	15	10:34	22:36		15	10:41	22:31		15	10:44	22:35
	22	10:33	22:35		22	10:42	22:28		22	10:45	22:33
	29	10:33	22:34		29	10:44	22:26		29	10:46	22:31
NOV	5	10:34	22:34	NOV	5	10:46	22:25	NOV	5	10:48	22:30
	12	10:35	22:34		12	10:48	22:25		12	10:51	22:30
	19	10:37	22:35		19	10:51	22:25		19	10:54	22:30
	26	10:40	22:37		26	10:55	22:26		26	10:57	22:30
DEC	3	10:43	22:39	DEC	3	10:58	22:27	DEC	3	11:01	22:32
	10	10:46	22:42		10	11:02	22:29		10	11:04	22:34
	17	10:50	22:45		17	11:06	22:32		17	11:08	22:37
	24	10:53	22:49		24	11:09	22:36		24	11:11	22:41
	31	10:54	22:52		31	11:10	22:40		31	11:12	22:45
NOMBRE	SAN PEDRO DE URABA			NOMBRE	SAN VICENTE DEL CAGUAN			NOMBRE	SANTA MARTA		
INDICADOR	SQNQ			INDICADOR	SKSV			INDICADOR	SKSM		
COORDENADAS	08 17 23,34 N 076 22 29,21 W			COORDENADAS	02 09 07,26 N 074 45 58,24 W			COORDENADAS	11 07 10,88 N 074 13 50,30 W		
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS

JAN	1	11:21	22:58	JAN	1	11:05	23:02	JAN	1	11:18	22:45
	8	11:23	23:02		8	11:07	23:05		8	11:19	22:48
	15	11:25	23:05		15	11:09	23:08		15	11:20	22:52
	22	11:25	23:08		22	11:11	23:11		22	11:21	22:56
	29	11:25	23:11		29	11:12	23:12		29	11:21	22:59
FEB	5	11:25	23:13	FEB	5	11:12	23:13	FEB	5	11:20	23:01
	12	11:24	23:14		12	11:11	23:14		12	11:18	23:03
	19	11:22	23:16		19	11:11	23:13		19	11:16	23:05
	26	11:20	23:16		26	11:09	23:13		26	11:13	23:06
MAR	5	11:17	23:16	MAR	5	11:08	23:11	MAR	5	11:09	23:07
	12	11:13	23:16		12	11:06	23:10		12	11:06	23:07
	19	11:10	23:15		19	11:03	23:08		19	11:01	23:07
	26	11:06	23:15		26	11:01	23:06		26	10:57	23:07
APR	2	11:02	23:14	APR	2	10:58	23:05	APR	2	10:53	23:07
	9	10:59	23:14		9	10:56	23:03		9	10:49	23:07
	16	10:56	23:14		16	10:54	23:02		16	10:45	23:08
	23	10:53	23:14		23	10:52	23:01		23	10:41	23:08
	30	10:50	23:14		30	10:50	23:01		30	10:38	23:09
MAY	7	10:48	23:15	MAY	7	10:49	23:01	MAY	7	10:36	23:10
	14	10:47	23:16		14	10:49	23:01		14	10:34	23:12
	21	10:46	23:17		21	10:49	23:02		21	10:33	23:13
	28	10:46	23:19		28	10:50	23:03		28	10:33	23:15
JUN	4	10:47	23:21	JUN	4	10:51	23:04	JUN	4	10:33	23:17
	11	10:48	23:23		11	10:52	23:05		11	10:34	23:19
	18	10:49	23:24		18	10:54	23:07		18	10:36	23:21
	25	10:51	23:26		25	10:55	23:09		25	10:37	23:22
JUL	2	10:53	23:27	JUL	2	10:57	23:10	JUL	2	10:39	23:23
	9	10:54	23:28		9	10:58	23:11		9	10:41	23:24
	16	10:56	23:27		16	10:58	23:12		16	10:43	23:23
	23	10:57	23:26		23	10:59	23:11		23	10:44	23:22
	30	10:57	23:25		30	10:59	23:11		30	10:45	23:20
AUG	6	10:58	23:22	AUG	6	10:59	23:09	AUG	6	10:46	23:17
	13	10:58	23:19		13	10:58	23:07		13	10:47	23:14
	20	10:58	23:16		20	10:57	23:05		20	10:47	23:10
	27	10:57	23:12		27	10:55	23:03		27	10:47	23:06
SEP	3	10:57	23:09	SEP	3	10:54	23:00	SEP	3	10:47	23:01
	10	10:56	23:04		10	10:52	22:57		10	10:46	22:57
	17	10:55	23:00		17	10:50	22:54		17	10:46	22:52
	24	10:54	22:56		24	10:47	22:51		24	10:46	22:47
OCT	1	10:53	22:53	OCT	1	10:46	22:49	OCT	1	10:45	22:43
	8	10:53	22:49		8	10:44	22:47		8	10:46	22:39
	15	10:53	22:47		15	10:42	22:45		15	10:46	22:36
	22	10:53	22:44		22	10:41	22:44		22	10:47	22:33
	29	10:54	22:43		29	10:41	22:43		29	10:49	22:31

NOV	5	10:56	22:42	NOV	5	10:42	22:43	NOV	5	10:51	22:30
	12	10:58	22:42		12	10:43	22:43		12	10:54	22:29
	19	11:01	22:42		19	10:45	22:44		19	10:57	22:29
	26	11:04	22:43		26	10:48	22:46		26	11:00	22:30
DEC	3	11:08	22:45	DEC	3	10:51	22:48	DEC	3	11:04	22:32
	10	11:11	22:47		10	10:54	22:51		10	11:08	22:34
	17	11:15	22:50		17	10:58	22:55		17	11:11	22:37
	24	11:18	22:54		24	11:01	22:58		24	11:15	22:40
	31	11:19	22:57		31	11:02	23:01		31	11:15	22:44
NOMBRE	SANTA ROSALIA			NOMBRE	SARAVENA			NOMBRE	TABLON DE TAMARA		
INDICADOR	SKSL			INDICADOR	SKSA			INDICADOR	SQUJ		
COORDENADAS	S05 08 01,44 N 070 52 18,32 W			COORDENADAS	S06 57 01,32 N 071 51 22,33 W			COORDENADAS	S05 43 36 N 072 06 02 W		
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
JAN	1	10:54	22:41	JAN	1	11:01	22:42	JAN	1	11:00	22:45
	8	10:56	22:45		8	11:03	22:46		8	11:02	22:49
	15	10:58	22:48		15	11:05	22:49		15	11:04	22:52
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	29	10:59	22:53		29	11:06	22:54		29	11:05	22:57
FEB	5	10:59	22:55	FEB	5	11:05	22:56	FEB	5	11:05	22:59
	12	10:59	22:56		12	11:05	22:58		12	11:04	23:00
	19	10:58	22:56		19	11:03	22:59		19	11:03	23:00
	26	10:56	22:56		26	11:01	22:59		26	11:01	23:00
MAR	5	10:53	22:55	MAR	5	10:58	22:58	MAR	5	10:59	23:00
	12	10:51	22:54		12	10:55	22:58		12	10:56	22:59
	19	10:48	22:53		19	10:52	22:57		19	10:53	22:58
	26	10:45	22:52		26	10:48	22:56		26	10:49	22:57
APR	2	10:42	22:51	APR	2	10:45	22:56	APR	2	10:46	22:56
	9	10:39	22:50		9	10:42	22:55		9	10:43	22:55
	16	10:36	22:49		16	10:38	22:55		16	10:40	22:55
	23	10:33	22:49		23	10:36	22:55		23	10:38	22:55
	30	10:31	22:49		30	10:33	22:55		30	10:36	22:55
MAY	7	10:30	22:49	MAY	7	10:32	22:55	MAY	7	10:34	22:55
	14	10:29	22:50		14	10:30	22:56		14	10:33	22:55
	21	10:29	22:51		21	10:30	22:57		21	10:33	22:57
	28	10:29	22:52		28	10:30	22:59		28	10:33	22:58
JUN	4	10:30	22:53	JUN	4	10:31	23:00	JUN	4	10:34	22:59
	11	10:31	22:55		11	10:32	23:02		11	10:35	23:01
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	25	10:34	22:58		25	10:35	23:05		25	10:38	23:04
JUL	2	10:36	22:59	JUL	2	10:37	23:06	JUL	2	10:40	23:05
	9	10:37	23:00		9	10:38	23:07		9	10:41	23:06
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	23	10:39	23:00		23	10:40	23:06		23	10:43	23:06
	30	10:39	22:59		30	10:41	23:05		30	10:44	23:04

AUG	6	10:39	22:57	AUG	6	10:41	23:03	AUG	6	10:44	23:02
	13	10:39	22:55		13	10:41	23:00		13	10:43	23:00
	20	10:39	22:52		20	10:41	22:57		20	10:43	22:57
	27	10:38	22:49		27	10:40	22:54		27	10:42	22:54
SEP	3	10:36	22:45	SEP	3	10:39	22:50	SEP	3	10:41	22:50
	10	10:35	22:42		10	10:38	22:46		10	10:40	22:47
	17	10:33	22:38		17	10:37	22:42		17	10:38	22:43
	24	10:32	22:35		24	10:36	22:39		24	10:37	22:40
OCT	1	10:31	22:32	OCT	1	10:35	22:35	OCT	1	10:36	22:37
	8	10:29	22:29		8	10:34	22:32		8	10:35	22:34
	15	10:29	22:27		15	10:34	22:29		15	10:34	22:31
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	29	10:29	22:24		29	10:35	22:26		29	10:34	22:28
NOV	5	10:30	22:24	NOV	5	10:36	22:26	NOV	5	10:36	22:28
	12	10:32	22:24		12	10:38	22:26		12	10:38	22:28
	19	10:34	22:25		19	10:41	22:26		19	10:40	22:29
	26	10:37	22:26		26	10:44	22:27		26	10:43	22:30
DEC	3	10:40	22:28	DEC	3	10:47	22:29	DEC	3	10:46	22:32
	10	10:44	22:31		10	10:51	22:31		10	10:50	22:35
	17	10:47	22:34		17	10:54	22:35		17	10:53	22:38
	24	10:51	22:37		24	10:58	22:38		24	10:57	22:41
	31	10:51	22:41		31	10:59	22:42		31	10:57	22:45
NOMBRE TAME				NOMBRE TARAIRA				NOMBRE TERESITA			
INDICADOR SKTM				INDICADOR SKTR				INDICADOR SQIK			
COORDENADAS06 27 03,62 N				COORDENADAS00 34 04,45 S				COORDENADAS00 44 17 N 069			
071 45 36,18 W				069 38 17,25 W				28 17 W			
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
JAN	1	11:00	22:43	JAN	1	10:40	22:46	JAN	1	10:41	22:43
	8	11:02	22:46		8	10:43	22:49		8	10:44	22:46
	15	11:04	22:50		15	10:45	22:52		15	10:46	22:49
	22	11:04	22:52		22	10:47	22:54		22	10:48	22:51
	29	11:05	22:55		29	10:48	22:55		29	10:49	22:53
FEB	5	11:04	22:57	FEB	5	10:48	22:56	FEB	5	10:49	22:54
	12	11:04	22:58		12	10:48	22:56		12	10:49	22:54
	19	11:02	22:59		19	10:48	22:55		19	10:48	22:53
	26	11:00	22:59		26	10:47	22:53		26	10:47	22:52
MAR	5	10:58	22:58	MAR	5	10:46	22:51	MAR	5	10:46	22:50
	12	10:55	22:57		12	10:44	22:49		12	10:44	22:49
	19	10:51	22:57		19	10:43	22:47		19	10:42	22:47
	26	10:48	22:56		26	10:41	22:45		26	10:40	22:45
APR	2	10:45	22:55	APR	2	10:39	22:43	APR	2	10:38	22:43
	9	10:41	22:54		9	10:37	22:41		9	10:35	22:41
	16	10:38	22:54		16	10:35	22:39		16	10:33	22:40
	23	10:36	22:54		23	10:34	22:38		23	10:32	22:39
	30	10:34	22:54		30	10:33	22:37		30	10:30	22:38

MAY	7	10:32	22:54	MAY	7	10:32	22:37	MAY	7	10:30	22:38
	14	10:31	22:55		14	10:32	22:37		14	10:29	22:38
	21	10:30	22:56		21	10:33	22:37		21	10:30	22:39
	28	10:30	22:58		28	10:34	22:38		28	10:31	22:39
JUN	4	10:31	22:59	JUN	4	10:35	22:39	JUN	4	10:32	22:41
	11	10:33	23:01		11	10:36	22:40		11	10:33	22:42
	18	10:34	23:03		18	10:38	22:42		18	10:35	22:43
	25	10:36	23:04		25	10:39	22:43		25	10:36	22:45
JUL	2	10:37	23:05	JUL	2	10:41	22:45	JUL	2	10:38	22:46
	9	10:39	23:06		9	10:41	22:46		9	10:39	22:47
	16	10:40	23:06		16	10:42	22:47		16	10:39	22:48
	23	10:41	23:05		23	10:42	22:47		23	10:39	22:48
	30	10:41	23:04		30	10:42	22:47		30	10:39	22:48
AUG	6	10:41	23:02	AUG	6	10:41	22:46	AUG	6	10:39	22:47
	13	10:41	22:59		13	10:40	22:44		13	10:38	22:45
	20	10:41	22:56		20	10:39	22:43		20	10:37	22:43
	27	10:40	22:53		27	10:37	22:41		27	10:35	22:41
SEP	3	10:39	22:49	SEP	3	10:35	22:38	SEP	3	10:33	22:38
	10	10:38	22:46		10	10:32	22:36		10	10:31	22:36
	17	10:37	22:42		17	10:29	22:34		17	10:29	22:33
	24	10:36	22:38		24	10:27	22:31		24	10:26	22:30
OCT	1	10:34	22:35	OCT	1	10:24	22:29	OCT	1	10:24	22:28
	8	10:34	22:32		8	10:22	22:28		8	10:22	22:26
	15	10:33	22:29		15	10:20	22:26		15	10:20	22:25
	22	10:33	22:28		22	10:19	22:26		22	10:19	22:24
	29	10:34	22:26		29	10:18	22:26		29	10:18	22:23
NOV	5	10:35	22:26	NOV	5	10:18	22:26	NOV	5	10:19	22:23
	12	10:37	22:26		12	10:19	22:26		12	10:20	22:24
	19	10:40	22:26		19	10:21	22:28		19	10:22	22:25
	26	10:43	22:27		26	10:23	22:30		26	10:24	22:27
DEC	3	10:46	22:29	DEC	3	10:26	22:32	DEC	3	10:27	22:30
	10	10:50	22:32		10	10:29	22:35		10	10:31	22:33
	17	10:53	22:35		17	10:32	22:39		17	10:34	22:36
	24	10:56	22:39		24	10:36	22:42		24	10:37	22:39
	31	10:57	22:42		31	10:37	22:46		31	10:38	22:43

NOMBRE		TIBU		NOMBRE		TIMBIQUI		NOMBRE		TIQUIE	
INDICADOR		SKTB		INDICADOR		SKMB		INDICADOR		SKTE	
COORDENADAS		08 37 51,20 N		COORDENADAS		02 46 42,80 N		COORDENADAS		00 14 03 N 070	
		072 43 50,50 W				077 40 04,90 W				10 08 W	
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
JAN	1	11:07	22:43	JAN	1	11:17	23:13	JAN	1	10:43	22:47
	8	11:09	22:47		8	11:20	23:16		8	10:46	22:50
	15	11:11	22:50		15	11:22	23:19		15	10:48	22:53
	22	11:11	22:53		22	11:23	23:21		22	10:50	22:55
	29	11:11	22:56		29	11:24	23:23		29	10:51	22:56

FEB	5	11:11	22:58	FEB	5	11:24	23:24	FEB	5	10:51	22:57
	12	11:10	23:00		12	11:24	23:25		12	10:51	22:57
	19	11:08	23:01		19	11:23	23:25		19	10:51	22:56
	26	11:05	23:01		26	11:21	23:24		26	10:50	22:55
MAR	5	11:02	23:01	MAR	5	11:20	23:23	MAR	5	10:49	22:53
	12	10:59	23:01		12	11:17	23:21		12	10:47	22:51
	19	10:55	23:01		19	11:15	23:20		19	10:45	22:49
	26	10:52	23:00		26	11:12	23:18		26	10:43	22:47
APR	2	10:48	23:00	APR	2	11:10	23:17	APR	2	10:40	22:45
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	23	10:38	23:00		23	11:03	23:14		23	10:35	22:41
	30	10:35	23:00		30	11:01	23:13		30	10:34	22:40
MAY	7	10:33	23:01	MAY	7	11:00	23:13	MAY	7	10:33	22:40
	14	10:32	23:02		14	10:59	23:14		14	10:33	22:40
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	28	10:31	23:05		28	11:00	23:15		28	10:34	22:41
JUN	4	10:31	23:07	JUN	4	11:01	23:17	JUN	4	10:36	22:42
	11	10:33	23:09		11	11:03	23:18		11	10:37	22:44
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	25	10:36	23:12		25	11:06	23:21		25	10:40	22:47
JUL	2	10:38	23:13	JUL	2	11:07	23:23	JUL	2	10:41	22:48
	9	10:39	23:14		9	11:08	23:24		9	10:42	22:49
	16	10:41	23:13		16	11:09	23:24		16	10:43	22:50
	23	10:42	23:12		23	11:09	23:24		23	10:43	22:50
	30	10:42	23:10		30	11:10	23:23		30	10:43	22:50
AUG	6	10:43	23:08	AUG	6	11:09	23:21	AUG	6	10:42	22:49
	13	10:43	23:05		13	11:09	23:20		13	10:41	22:47
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	27	10:43	22:58		27	11:07	23:15		27	10:38	22:43
SEP	3	10:42	22:54	SEP	3	11:05	23:12	SEP	3	10:36	22:41
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	24	10:40	22:42		24	10:59	23:03		24	10:29	22:33
OCT	1	10:39	22:38	OCT	1	10:57	23:00	OCT	1	10:27	22:31
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	22	10:39	22:29		22	10:54	22:55		22	10:22	22:27
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NOV	5	10:42	22:27	NOV	5	10:54	22:54	NOV	5	10:21	22:27
	12	10:44	22:27		12	10:56	22:54		12	10:22	22:27
	19	10:47	22:27		19	10:58	22:55		19	10:24	22:29
	26	10:50	22:28		26	11:00	22:57		26	10:26	22:31

TOLU				TRINIDAD				TULUA			
NOMBRE		INDICADOR		NOMBRE		INDICADOR		NOMBRE		INDICADOR	
COORDENADAS		SKTL		COORDENADAS		SKTD		COORDENADAS		SKUL	
		09 30 34,30 N	075 35 09,10 W			05 25 50,08 N	071 39 30,44 W			04 05 40,16 N	076 13 26,10 W
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
DEC	3	10:54	22:30	DEC	3	11:03	22:59	DEC	3	10:29	22:33
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	17	11:01	22:35		17	11:10	23:05		17	10:36	22:39
	24	11:04	22:39		24	11:14	23:09		24	10:39	22:43
	31	11:05	22:42		31	11:15	23:12		31	10:40	22:46
JAN	1	11:20	22:53	JAN	1	10:58	22:44	JAN	1	11:14	23:05
	8	11:22	22:56		8	11:00	22:48		8	11:16	23:08
	15	11:23	23:00		15	11:02	22:51		15	11:18	23:11
	22	11:24	23:03		22	11:03	22:53		22	11:19	23:14
	29	11:24	23:06		29	11:03	22:56		29	11:20	23:16
FEB	5	11:23	23:08	FEB	5	11:03	22:57	FEB	5	11:20	23:17
	12	11:22	23:10		12	11:02	22:58		12	11:19	23:18
	19	11:20	23:11		19	11:01	22:59		19	11:18	23:18
	26	11:17	23:12		26	10:59	22:59		26	11:16	23:17
MAR	5	11:14	23:13	MAR	5	10:57	22:58	MAR	5	11:14	23:17
	12	11:11	23:13		12	10:54	22:57		12	11:12	23:15
	19	11:07	23:12		19	10:51	22:56		19	11:09	23:14
	26	11:03	23:12		26	10:48	22:55		26	11:06	23:13
APR	2	10:59	23:12	APR	2	10:45	22:54	APR	2	11:03	23:12
	9	10:55	23:12		9	10:42	22:53		9	11:01	23:11
	16	10:51	23:12		16	10:39	22:53		16	10:58	23:10
	23	10:48	23:12		23	10:36	22:53		23	10:56	23:09
	30	10:46	23:13		30	10:34	22:53		30	10:54	23:09
MAY	7	10:43	23:14	MAY	7	10:33	22:53	MAY	7	10:53	23:09
	14	10:42	23:15		14	10:32	22:53		14	10:52	23:10
	21	10:41	23:16		21	10:31	22:54		21	10:52	23:11
	28	10:41	23:18		28	10:32	22:56		28	10:52	23:12
JUN	4	10:41	23:20	JUN	4	10:33	22:57	JUN	4	10:53	23:13
	11	10:43	23:22		11	10:34	22:59		11	10:55	23:15
	18	10:44	23:23		18	10:36	23:00		18	10:56	23:16
	25	10:46	23:25		25	10:37	23:02		25	10:58	23:18
JUL	2	10:47	23:26	JUL	2	10:39	23:03	JUL	2	10:59	23:19
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	23	10:52	23:25		23	10:42	23:03		23	11:02	23:20
	30	10:53	23:23		30	10:42	23:02		30	11:02	23:19
AUG	6	10:53	23:20	AUG	6	10:42	23:00	AUG	6	11:02	23:17
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	27	10:53	23:10		27	10:41	22:52		27	11:00	23:10

SEP	3	10:53	23:06	SEP	3	10:39	22:49	SEP	3	10:58	23:06
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OCT	1	10:50	22:49	OCT	1	10:34	22:35	OCT	1	10:52	22:54
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	15	10:50	22:42		15	10:32	22:30		15	10:49	22:49
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	29	10:53	22:38		29	10:32	22:27		29	10:49	22:47
NOV	5	10:54	22:37	NOV	5	10:33	22:27	NOV	5	10:50	22:47
	12	10:57	22:37		12	10:35	22:27		12	10:52	22:47
	19	11:00	22:37		19	10:38	22:27		19	10:54	22:47
	26	11:03	22:38		26	10:41	22:29		26	10:57	22:49
DEC	3	11:07	22:40	DEC	3	10:44	22:31	DEC	3	11:00	22:51
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	17	11:14	22:45		17	10:51	22:36		17	11:07	22:57
	24	11:17	22:48		24	10:54	22:40		24	11:10	23:00
	31	11:18	22:52		31	10:55	22:43		31	11:11	23:04
NOMBRE TUMACO				NOMBRE TURBO				NOMBRE URRAO			
INDICADOR SKCO				INDICADOR SKTU				INDICADOR SKUR			
COORDENADAS01 48 51,81 N				COORDENADAS08 04 28,16 N				COORDENADAS06 19 38,31 N			
078 44 56,56 W				076 44 27,73 W				076 08 27,37 W			
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
JAN	1	11:20	23:19	JAN	1	11:22	23:00	JAN	1	11:17	23:00
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	15	11:25	23:25		15	11:26	23:07		15	11:21	23:07
	22	11:26	23:27		22	11:27	23:10		22	11:22	23:10
	29	11:27	23:29		29	11:27	23:13		29	11:22	23:12
FEB	5	11:27	23:30	FEB	5	11:26	23:15	FEB	5	11:22	23:14
	12	11:27	23:30		12	11:25	23:16		12	11:21	23:15
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	26	11:25	23:29		26	11:21	23:18		26	11:18	23:16
MAR	5	11:23	23:27	MAR	5	11:18	23:18	MAR	5	11:15	23:16
	12	11:21	23:26		12	11:15	23:17		12	11:12	23:15
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	26	11:17	23:22		26	11:08	23:16		26	11:06	23:13
APR	2	11:14	23:20	APR	2	11:04	23:16	APR	2	11:02	23:12
	9	11:12	23:19		9	11:00	23:15		9	10:59	23:12
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	23	11:08	23:17		23	10:54	23:15		23	10:53	23:11
	30	11:06	23:17		30	10:52	23:16		30	10:51	23:11
MAY	7	11:05	23:17	MAY	7	10:50	23:16	MAY	7	10:50	23:12
	14	11:05	23:17		14	10:48	23:17		14	10:48	23:12
	21	11:05	23:17		21	10:48	23:19		21	10:48	23:14
	28	11:06	23:18		28	10:48	23:20		28	10:48	23:15

JUN	4	11:07	23:19	JUN	4	10:48	23:22	JUN	4	10:49	23:17
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	18	11:10	23:22		18	10:51	23:25		18	10:52	23:20
	25	11:12	23:24		25	10:53	23:27		25	10:53	23:21
JUL	2	11:13	23:25	JUL	2	10:55	23:28	JUL	2	10:55	23:23
	9	11:14	23:26		9	10:56	23:29		9	10:56	23:23
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	23	11:15	23:27		23	10:58	23:27		23	10:58	23:23
	30	11:15	23:26		30	10:59	23:26		30	10:59	23:21
AUG	6	11:15	23:25	AUG	6	10:59	23:23	AUG	6	10:59	23:19
	13	11:14	23:23		13	10:59	23:21		13	10:59	23:17
	20	11:13	23:21		20	10:59	23:17		20	10:59	23:14
	27	11:12	23:18		27	10:59	23:14		27	10:58	23:10
SEP	3	11:10	23:16	SEP	3	10:58	23:10	SEP	3	10:57	23:07
	10	11:08	23:13		10	10:57	23:06		10	10:56	23:03
	17	11:06	23:10		17	10:56	23:02		17	10:54	23:00
	24	11:03	23:07		24	10:56	22:58		24	10:53	22:56
OCT	1	11:01	23:05	OCT	1	10:55	22:54	OCT	1	10:52	22:53
	8	11:00	23:03		8	10:54	22:51		8	10:51	22:50
	15	10:58	23:01		15	10:54	22:48		15	10:50	22:47
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	29	10:57	22:59		29	10:56	22:44		29	10:51	22:44
NOV	5	10:57	22:59	NOV	5	10:57	22:44	NOV	5	10:53	22:43
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DEC	3	11:06	23:05	DEC	3	11:09	22:47	DEC	3	11:03	22:47
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	31	11:17	23:18		31	11:20	22:59		31	11:15	23:00
NOMBRE	VALLEDUPAR			NOMBRE	VIGIA DEL FUERTE			NOMBRE	VILLANUEVA		
INDICADOR	SKVP			INDICADOR	SKVF			INDICADOR	SKVN		
COORDENADAS	10 26 06,47 N 073 14 57,83 W			COORDENADAS	06 34 05,12 N 076 53 15,80 W			COORDENADAS	04 38 13,60 N 072 56 59,40 W		
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
JAN	1	11:12	22:42	JAN	1	11:20	23:03	JAN	1	11:02	22:51
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	15	11:15	22:49		15	11:24	23:10		15	11:06	22:57
	22	11:16	22:53		22	11:25	23:13		22	11:07	23:00
	29	11:16	22:56		29	11:25	23:15		29	11:07	23:02
FEB	5	11:15	22:58	FEB	5	11:25	23:17	FEB	5	11:07	23:03
	12	11:14	23:00		12	11:24	23:18		12	11:07	23:04
	19	11:11	23:01		19	11:23	23:19		19	11:05	23:05
	26	11:09	23:02		26	11:21	23:19		26	11:04	23:04

MAR	5	11:05	23:03	MAR	5	11:18	23:19	MAR	5	11:01	23:03
	12	11:01	23:03		12	11:15	23:18		12	10:59	23:02
	19	10:57	23:03		19	11:12	23:17		19	10:56	23:01
	26	10:53	23:03		26	11:08	23:16		26	10:53	23:00
APR	2	10:49	23:03	APR	2	11:05	23:16	APR	2	10:50	22:59
	9	10:45	23:03		9	11:02	23:15		9	10:47	22:58
	16	10:41	23:03		16	10:59	23:15		16	10:45	22:57
	23	10:38	23:04		23	10:56	23:15		23	10:42	22:57
	30	10:35	23:04		30	10:54	23:15		30	10:40	22:57
MAY	7	10:33	23:05	MAY	7	10:52	23:15	MAY	7	10:39	22:57
	14	10:31	23:07		14	10:51	23:16		14	10:38	22:57
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	28	10:30	23:10		28	10:51	23:18		28	10:38	22:59
JUN	4	10:30	23:12	JUN	4	10:52	23:20	JUN	4	10:39	23:01
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	25	10:35	23:17		25	10:56	23:25		25	10:44	23:06
JUL	2	10:36	23:18	JUL	2	10:58	23:26	JUL	2	10:45	23:07
	9	10:38	23:19		9	10:59	23:27		9	10:46	23:08
	16	10:40	23:18		16	11:00	23:27		16	10:47	23:08
	23	10:41	23:17		23	11:01	23:26		23	10:48	23:08
	30	10:42	23:15		30	11:02	23:24		30	10:48	23:06
AUG	6	10:43	23:12	AUG	6	11:02	23:22	AUG	6	10:48	23:05
	13	10:43	23:09		13	11:02	23:20		13	10:48	23:02
	20	10:43	23:05		20	11:01	23:17		20	10:47	23:00
	27	10:43	23:01		27	11:01	23:14		27	10:46	22:57
SEP	3	10:43	22:57	SEP	3	11:00	23:10	SEP	3	10:45	22:53
	10	10:43	22:52		10	10:59	23:06		10	10:43	22:50
	17	10:42	22:48		17	10:57	23:02		17	10:42	22:47
	24	10:42	22:44		24	10:56	22:59		24	10:40	22:44
OCT	1	10:41	22:39	OCT	1	10:55	22:55	OCT	1	10:39	22:40
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	15	10:42	22:32		15	10:54	22:50		15	10:37	22:36
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	29	10:44	22:28		29	10:54	22:47		29	10:37	22:33
NOV	5	10:46	22:27	NOV	5	10:56	22:46	NOV	5	10:38	22:33
	12	10:49	22:26		12	10:58	22:46		12	10:39	22:33
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	26	10:55	22:27		26	11:03	22:48		26	10:45	22:35
DEC	3	10:59	22:29	DEC	3	11:07	22:50	DEC	3	10:48	22:37
	10	11:03	22:31		10	11:10	22:52		10	10:51	22:40
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NOMBRE VILLAVICENCIO
INDICADOR SKVV
COORDENADAS 04 10 06,26 N
073 36 52,77 W

NOMBRE ZAPATOCA
INDICADOR SQZP
COORDENADAS 06 46 02,60 N
073 17 04,70 W

Mes	Dia	SR	SS
JAN	1	11:03	22:54
	8	11:06	22:57
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	22	11:09	23:03
	29	11:09	23:05

Mes	Dia	SR	SS
JAN	1	11:06	22:48
	8	11:09	22:52
	15	11:10	22:55
	22	11:11	22:58
	29	11:11	23:00

FEB	5	11:09	23:07
	12	11:09	23:07
	19	11:08	23:08
	26	11:06	23:07

FEB	5	11:11	23:02
	12	11:10	23:04
	19	11:09	23:04
	26	11:06	23:05

MAR	5	11:04	23:06
	12	11:01	23:05
	19	10:59	23:04
	26	10:56	23:02

MAR	5	11:04	23:04
	12	11:01	23:04
	19	10:57	23:03
	26	10:54	23:02

APR	2	10:53	23:01
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	23	10:45	22:59
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APR	2	10:51	23:01
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	23	10:42	23:00
	30	10:39	23:00

MAY	7	10:42	22:59
	14	10:41	22:59
	21	10:41	23:00
	28	10:42	23:01

MAY	7	10:38	23:01
	14	10:36	23:02
	21	10:36	23:03
	28	10:36	23:04

JUN	4	10:43	23:03
	11	10:44	23:04
	18	10:46	23:06
	25	10:47	23:07

JUN	4	10:37	23:06
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	18	10:40	23:09
	25	10:41	23:11

JUL	2	10:49	23:09
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	16	10:51	23:10
	23	10:51	23:10
	30	10:51	23:08

JUL	2	10:43	23:12
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	16	10:46	23:13
	23	10:46	23:12
	30	10:47	23:10

AUG	6	10:51	23:07
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	20	10:50	23:02
	27	10:49	22:59

AUG	6	10:47	23:08
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	20	10:47	23:03
	27	10:46	22:59

SEP	3	10:48	22:56
	10	10:46	22:53
	17	10:45	22:49
	24	10:43	22:46

SEP	3	10:45	22:56
	10	10:44	22:52
	17	10:43	22:48
	24	10:42	22:44

OCT	1	10:41	22:43	OCT	1	10:41	22:41
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	19	10:44	22:37		19	10:46	22:32
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	24	11:00	22:50		24	11:03	22:44
	31	11:01	22:53		31	11:04	22:48