

← **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 INDICADOR SKAP COORDENADAS04 04 33,86 N 073 33 45,70 W				NOMBRE ARARACUARA INDICADOR SKAC COORDENADAS00 36 02,71 S 072 23 53,21 W				NOMBRE ARAUCA INDICADOR SKUC COORDENADAS07 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

BERASTEGUI				BOGOTA				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
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	
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INDICADOR	SKBU			INDICADOR	SQGJ			INDICADOR	SKCL		
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	24	10:56	23:00		24	10:39	22:43		24	10:54	22:57
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CAPURGANA SKCA				CAREPA SKLC				CARIMAGUA SKCI			
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FEB	5	11:29	23:16	FEB	5	11:26	23:15	FEB	5	11:01	22:57
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MAR	5	11:21	23:20	MAR	5	11:18	23:18	MAR	5	10:55	22:57
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INDICADOR SKCG				INDICADOR SKGO				INDICADOR SKCR			
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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
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FEB	5	11:24	23:07	FEB	5	11:19	23:15	FEB	5	10:57	23:01
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	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
	23	10:57	23:12		23	10:47	23:11		23	10:49	23:12
	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
	15	10:52	22:50		15	10:49	22:41		15	10:51	22:43
	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
INDICADOR SKCN
COORDENADAS06 19 00 N 070
12 40 W

NOMBRE CUCUTA
INDICADOR SKCC
COORDENADAS07 55 38,60 N
072 30 41,80 W

NOMBRE CUMARIBO
INDICADOR SKUM
COORDENADAS04 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
	27	10:51	23:01		27	10:52	23:08		27	10:52	23:06
SEP	3	10:49	22:58	SEP	3	10:52	23:04	SEP	3	10:51	23:02
	10	10:48	22:55		10	10:51	23:00		10	10:50	22:58
	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
	22	10:41	22:38		22	10:49	22:39		22	10:46	22:39
	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

DEC	3	10:59	22:34
	10	11:03	22:36
	17	11:07	22:39
	24	11:10	22:43
	31	11:11	22:46

DEC	3	11:05	23:01
	10	11:08	23:04
	17	11:11	23:07
	24	11:15	23:11
	31	11:16	23:14

DEC	3	10:47	22:34
	10	10:50	22:36
	17	10:54	22:40
	24	10:57	22:43
	31	10:58	22:47

NOMBRE FLORENCIA
INDICADOR SKFL
COORDENADAS 01 35 20,23 N
075 33 51,51 W

NOMBRE FRONTINO
INDICADOR SKFE
COORDENADAS 06 43 19,65 N
076 08 47,55 W

NOMBRE FUNDACION
INDICADOR SKFU
COORDENADAS 10 30 48,33 N
074 12 17,90 W

Mes	Dia	SR	SS
JAN	1	11:07	23:06
	8	11:10	23:09
	15	11:12	23:12
	22	11:13	23:15
	29	11:14	23:16

Mes	Dia	SR	SS
JAN	1	11:18	23:00
	8	11:20	23:03
	15	11:22	23:07
	22	11:22	23:10
	29	11:22	23:12

Mes	Dia	SR	SS
JAN	1	11:16	22:46
	8	11:18	22:49
	15	11:19	22:53
	22	11:20	22:56
	29	11:20	22:59

FEB	5	11:14	23:17
	12	11:14	23:18
	19	11:13	23:17
	26	11:12	23:16

FEB	5	11:22	23:14
	12	11:21	23:15
	19	11:20	23:16
	26	11:18	23:16

FEB	5	11:19	23:02
	12	11:17	23:04
	19	11:15	23:05
	26	11:12	23:06

MAR	5	11:11	23:15
	12	11:09	23:13
	19	11:06	23:11
	26	11:04	23:09

MAR	5	11:15	23:16
	12	11:12	23:15
	19	11:09	23:14
	26	11:06	23:13

MAR	5	11:09	23:07
	12	11:05	23:07
	19	11:01	23:07
	26	10:57	23:07

APR	2	11:02	23:08
	9	10:59	23:06
	16	10:57	23:05
	23	10:55	23:04
	30	10:54	23:04

APR	2	11:02	23:13
	9	10:59	23:12
	16	10:56	23:12
	23	10:53	23:12
	30	10:51	23:12

APR	2	10:53	23:07
	9	10:49	23:07
	16	10:45	23:07
	23	10:42	23:08
	30	10:39	23:08

MAY	7	10:53	23:04
	14	10:53	23:04
	21	10:53	23:04
	28	10:54	23:05

MAY	7	10:49	23:12
	14	10:48	23:13
	21	10:47	23:14
	28	10:48	23:16

MAY	7	10:37	23:09
	14	10:35	23:11
	21	10:34	23:12
	28	10:33	23:14

JUN	4	10:55	23:06
	11	10:56	23:08
	18	10:58	23:09
	25	10:59	23:11

JUN	4	10:48	23:17
	11	10:50	23:19
	18	10:51	23:21
	25	10:53	23:22

JUN	4	10:34	23:16
	11	10:35	23:18
	18	10:37	23:20
	25	10:38	23:21

JUL	2	11:01	23:12
	9	11:02	23:13
	16	11:02	23:14
	23	11:03	23:14
	30	11:03	23:13

JUL	2	10:54	23:23
	9	10:56	23:24
	16	10:57	23:24
	23	10:58	23:23
	30	10:58	23:22

JUL	2	10:40	23:22
	9	10:42	23:23
	16	10:44	23:22
	23	10:45	23:21
	30	10:46	23:19

AUG	6	11:02	23:12
	13	11:02	23:10
	20	11:00	23:08
	27	10:59	23:06

AUG	6	10:59	23:20
	13	10:59	23:17
	20	10:58	23:14
	27	10:58	23:11

AUG	6	10:47	23:16
	13	10:47	23:13
	20	10:47	23:09
	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
	10	10:55	23:00		10	10:56	23:03		10	10:46	22:56
	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
	21	10:46	23:05		21	11:01	23:15		21	10:31	22:56

	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
	10	10:58	22:48		10	11:07	23:03		10	10:49	22:32
	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
	31	11:06	22:58		31	11:15	23:13		31	10:57	22:43
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
	8	11:12	23:03		8	10:43	22:35		8	11:17	23:19
	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
	12	11:15	23:13		12	10:46	22:45		12	11:22	23:27
	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
	9	10:56	23:06		9	10:27	22:37		9	11:08	23:14
	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
	8	10:46	22:47		8	10:17	22:18		8	10:55	22:59
	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

31 11:07 22:59				31 10:37 22:31				31 11:11 23:15			
NOMBRE		JURADO		NOMBRE		LA ESPERANZA		NOMBRE		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
	12	11:28	23:21		12	11:11	23:06		12	11:13	23:01
	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
	12	11:19	23:21		12	11:02	23:05		12	11:02	23:04
	19	11:15	23:21		19	10:59	23:04		19	10:58	23:04
	26	11:12	23:20		26	10:55	23:03		26	10:54	23:03
APR	2	11:08	23:19	APR	2	10:52	23:02	APR	2	10:50	23:03
	9	11:05	23:19		9	10:49	23:01		9	10:46	23:03
	16	11:02	23:18		16	10:46	23:01		16	10:43	23:03
	23	10:59	23:18		23	10:44	23:01		23	10:39	23:03
	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
	14	10:54	23:20		14	10:39	23:02		14	10:33	23:06
	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
	11	10:55	23:26		11	10:41	23:07		11	10:34	23:13
	18	10:57	23:28		18	10:42	23:09		18	10:35	23:15
	25	10:59	23:29		25	10:44	23:11		25	10:37	23:16
JUL	2	11:00	23:30	JUL	2	10:46	23:12	JUL	2	10:38	23:17
	9	11:02	23:31		9	10:47	23:13		9	10:40	23:18
	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
	30	11:04	23:28		30	10:49	23:11		30	10:44	23:14
AUG	6	11:05	23:26	AUG	6	10:49	23:09	AUG	6	10:44	23:12
	13	11:05	23:24		13	10:49	23:06		13	10:45	23:09
	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
	10	11:02	23:10		10	10:46	22:53		10	10:43	22:53
	17	11:01	23:06		17	10:44	22:49		17	10:43	22:48

	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
	19	11:05	22:49		19	10:46	22:34		19	10:51	22:28
	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
	8	11:03	23:01		8	11:13	22:41		8	11:19	23:01
	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
	25	10:51	23:05		25	10:30	23:16		25	10:50	23:21
JUL	2	10:53	23:06	JUL	2	10:32	23:17	JUL	2	10:52	23:22
	9	10:54	23:07		9	10:34	23:17		9	10:53	23:23
	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
	10	10:48	22:53		10	10:39	22:50		10	10:54	23:02
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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
	22	10:38	22:40		22	10:40	22:26		22	10:50	22:43
	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
	9	10:48	23:02		9	10:40	22:40		9	10:52	23:09
	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
JUN	4	10:37	23:08	JUN	4	10:42	22:34	JUN	4	10:39	23:16
	11	10:38	23:09		11	10:44	22:35		11	10:40	23:18
	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
	10	10:45	22:53		10	10:35	22:37		10	10:49	22:59
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	24	10:43	22:45		24	10:28	22:33		24	10:48	22:50
OCT	1	10:42	22:42	OCT	1	10:25	22:32	OCT	1	10:47	22:46
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	22	10:41	22:34		22	10:17	22:30		22	10:48	22:37
	29	10:42	22:32		29	10:16	22:30		29	10:49	22:35
NOV	5	10:43	22:32	NOV	5	10:15	22:31	NOV	5	10:51	22:35
	12	10:45	22:32		12	10:15	22:32		12	10:54	22:34
	19	10:48	22:32		19	10:16	22:34		19	10:56	22:34
	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 INDICADOR		MALAGA SKLA		NOMBRE INDICADOR		MANIZALES SKMZ		NOMBRE INDICADOR		MARIQUITA 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
	8	11:06	22:50		8	11:15	23:03		8	11:13	23:01
	15	11:08	22:53		15	11:16	23:07		15	11:14	23:04
	22	11:09	22:56		22	11:17	23:09		22	11:15	23:07
	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
	26	11:04	23:02		26	11:14	23:14		26	11:12	23:12
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
	11	10:36	23:05		11	10:50	23:13		11	10:47	23:11
	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
	10	10:42	22:50		10	10:53	23:00		10	10:51	22:58
	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
	12	10:41	22:29		12	10:50	22:42		12	10:48	22:40
	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
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	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
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	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
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	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
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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
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	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
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	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
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	18	10:40	23:18		18	10:36	22:44		18	10:46	23:20
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	16	10:46	23:21		16	10:41	22:49		16	10:52	23:23
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	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
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OCT	1	10:46	22:45	OCT	1	10:25	22:29	OCT	1	10:49	22:49
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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
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DEC	3	11:02	22:35	DEC	3	10:28	22:31	DEC	3	11:03	22:42
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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
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	19	11:08	23:13		19	11:12	23:17		19	11:11	23:17
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APR	2	11:00	23:12	APR	2	11:05	23:15	APR	2	11:04	23:16
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	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
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	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
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	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
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	24	10:52	22:54		24	10:56	22:58		24	10:56	22:58
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			
COORDENADAS02 56 59,59 N 075 17 38,82 W				COORDENADAS05 42 34,23 N 077 15 45,76 W				COORDENADAS08 18 56,14 N 073 21 29,88 W			
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
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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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	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
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	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
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	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
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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
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	17	11:01	22:55		17	11:14	22:58		17	11:03	22:38
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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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	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
	21	10:31	22:52		21	10:41	23:09		21	10:37	23:01

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

	25	11:02	23:16		25	11:02	23:55		25	11:05	23:13
JUL	2	11:03	23:18	JUL	2	11:04	23:56	JUL	2	11:06	23:14
	9	11:05	23:19		9	11:06	23:56		9	11:07	23:15
	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
	30	11:06	23:18		30	11:11	23:51		30	11:08	23:16
AUG	6	11:06	23:17	AUG	6	11:12	23:48	AUG	6	11:07	23:14
	13	11:05	23:15		13	11:13	23:44		13	11:07	23:13
	20	11:04	23:13		20	11:13	23:40		20	11:05	23:11
	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
	10	10:59	23:04		10	11:14	23:25		10	10:59	23:04
	17	10:57	23:01		17	11:14	23:20		17	10:57	23:01
	24	10:55	22:59		24	11:14	23:15		24	10:54	22:59
OCT	1	10:53	22:56	OCT	1	11:15	23:11	OCT	1	10:52	22:56
	8	10:51	22:54		8	11:15	23:06		8	10:50	22:54
	15	10:50	22:52		15	11:16	23:02		15	10:48	22:53
	22	10:49	22:51		22	11:18	22:59		22	10:47	22:52
	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
	12	10:51	22:50		12	11:25	22:55		12	10:48	22:52
	19	10:53	22:51		19	11:29	22:55		19	10:50	22:54
	26	10:56	22:53		26	11:33	22:55		26	10:52	22:56
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
	17	11:06	23:01		17	11:44	23:01		17	11:02	23:04
	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
<p>NOMBRE PUERTO BERRIO INDICADOR SKPR COORDENADAS 06 27 35,77 N 074 24 38,31 W</p>				<p>NOMBRE PUERTO BOLIVAR INDICADOR SKPB COORDENADAS 12 13 18 N 071 59 03 W</p>				<p>NOMBRE PUERTO CARREÑO INDICADOR SKPC COORDENADAS 06 11 06,03 N 067 29 32,89 W</p>			
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
	8	11:13	22:57		8	11:12	22:38		8	10:50	22:35
	15	11:14	23:00		15	11:13	22:41		15	10:51	22:38
	22	11:15	23:03		22	11:13	22:45		22	10:52	22:41
	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
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	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
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	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
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	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
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JUL	2	10:53	23:27	JUL	2	10:57	23:10	JUL	2	10:39	23:23
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	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
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NOV	5	10:56	22:42	NOV	5	10:42	22:43	NOV	5	10:51	22:30
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	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
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	17	11:15	22:50		17	10:58	22:55		17	11:11	22:37
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NOMBRE SANTA ROSALIA				NOMBRE SARAVERENA				NOMBRE TABLON DE TAMARA			
INDICADOR SKSL				INDICADOR SKSA				INDICADOR SQUJ			
COORDENADAS05 08 01,44 N 070 52 18,32 W				COORDENADAS06 57 01,32 N 071 51 22,33 W				COORDENADAS05 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
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	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
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	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
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	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
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	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
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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

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	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
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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
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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
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DEC	3	10:40	22:28	DEC	3	10:47	22:29	DEC	3	10:46	22:32
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	24	10:51	22:37		24	10:58	22:38		24	10:57	22:41
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NOMBRE	TAME			NOMBRE	TARAIRA			NOMBRE	TERESITA		
INDICADOR	SKTM			INDICADOR	SKTR			INDICADOR	SQIK		
COORDENADAS	06 27 03,62 N			COORDENADAS	00 34 04,45 S			COORDENADAS	00 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
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	15	11:04	22:50		15	10:45	22:52		15	10:46	22:49
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	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
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	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
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	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
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	15	10:33	22:29		15	10:20	22:26		15	10:20	22:25
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	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
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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
INDICADOR SKTB
COORDENADAS08 37 51,20 N
072 43 50,50 W

NOMBRE TIMBIQUI
INDICADOR SKMB
COORDENADAS02 46 42,80 N
077 40 04,90 W

NOMBRE TIQUIE
INDICADOR SKTE
COORDENADAS00 14 03 N 070
10 08 W

Mes	Dia	SR	SS
JAN	1	11:07	22:43
	8	11:09	22:47
	15	11:11	22:50
	22	11:11	22:53
	29	11:11	22:56

Mes	Dia	SR	SS
JAN	1	11:17	23:13
	8	11:20	23:16
	15	11:22	23:19
	22	11:23	23:21
	29	11:24	23:23

Mes	Dia	SR	SS
JAN	1	10:43	22:47
	8	10:46	22:50
	15	10:48	22:53
	22	10:50	22:55
	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
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MAR	5	11:02	23:01	MAR	5	11:20	23:23	MAR	5	10:49	22:53
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	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
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	11	10:33	23:09		11	11:03	23:18		11	10:37	22:44
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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
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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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NOV	5	10:42	22:27	NOV	5	10:54	22:54	NOV	5	10:21	22:27
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	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			
INDICADOR		SKTL		INDICADOR		SKTD		INDICADOR		SKUL	
COORDENADAS 09 30 34,30 N 075 35 09,10 W				COORDENADAS 05 25 50,08 N 071 39 30,44 W				COORDENADAS 04 05 40,16 N 076 13 26,10 W			
Mes	Dia	SR	SS	Mes	Dia	SR	SS	Mes	Dia	SR	SS
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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
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	26	11:17	23:12		26	10:59	22:59		26	11:16	23:17
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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			
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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		
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NOMBRE INDICADOR		SKVV		NOMBRE INDICADOR		SQZP	
COORDENADAS 04 10 06,26 N 073 36 52,77 W				COORDENADAS 06 46 02,60 N 073 17 04,70 W			
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FEB	5	11:09	23:07	FEB	5	11:11	23:02
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MAR	5	11:04	23:06	MAR	5	11:04	23:04
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	28	10:42	23:01		28	10:36	23:04
JUN	4	10:43	23:03	JUN	4	10:37	23:06
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AUG	6	10:51	23:07	AUG	6	10:47	23:08
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