

GEN 2.7 SALIDA Y PUESTA DEL SOL

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

FECHA	SR	SS
JAN 1	6:25	18:01
8	6:27	18:05
15	6:28	18:08
22	6:29	18:11
29	6:29	18:14
FEB 5	6:28	18:16
12	6:27	18:17
19	6:25	18:19
26	6:23	18:19
MAR 5	6:20	18:19
12	6:16	18:19
19	6:13	18:18
26	6:09	18:18
APR 2	6:05	18:18
9	6:02	18:17
16	5:58	18:17
23	5:55	18:17
30	5:53	18:18
MAY 7	5:51	18:18
14	5:49	18:19
21	5:48	18:21
28	5:48	18:22
JUN 4	5:49	18:24
11	5:50	18:26
18	5:52	18:28
25	5:58	18:29
JUL 2	5:59	18:30
9	6:01	18:31
16	6:02	18:31
23	6:03	18:29
30	6:04	18:28
AUG 6	6:04	18:25
13	6:05	18:22
20	6:04	18:19
27	6:04	18:15
SEP 3	6:04	18:12
10	6:03	18:07
17	6:02	18:03

GEN 2.7 SUNRISE AND SUNSET

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

FECHA	SR	SS
JAN 1	6:10	17:47
8	6:12	17:50
15	6:13	17:54
22	6:14	17:57
29	6:14	17:59
FEB 5	6:13	18:01
12	6:12	18:03
19	6:10	18:04
26	6:08	18:05
MAR 5	6:05	18:05
12	6:02	18:04
19	5:58	18:04
26	5:54	18:03
APR 2	5:51	18:03
9	5:47	18:02
16	5:44	18:02
23	5:41	18:02
30	5:38	18:03
MAY 7	5:36	18:03
14	5:35	18:04
21	5:34	18:06
28	5:34	18:07
JUN 4	5:35	18:09
11	5:36	18:11
18	5:38	18:12
25	5:43	18:14
JUL 2	5:45	18:15
9	5:47	18:16
16	5:48	18:15
23	5:49	18:14
30	5:50	18:13
AUG 6	5:50	18:10
13	5:50	18:08
20	5:50	18:04
27	5:50	18:01
SEP 3	5:49	17:57
10	5:48	17:53
17	5:47	17:49

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

FECHA	SR	SS
JAN 1	6:13	17:55
8	6:16	17:58
15	6:17	18:02
22	6:18	18:05
29	6:18	18:07
FEB 5	6:18	18:09
12	6:17	18:10
19	6:15	18:11
26	6:13	18:11
MAR 5	6:10	18:11
12	6:07	18:10
19	6:04	18:09
26	6:00	18:09
APR 2	5:57	18:08
9	5:54	18:07
16	5:51	18:07
23	5:48	18:07
30	5:46	18:07
MAY 7	5:44	18:08
14	5:43	18:08
21	5:42	18:10
28	5:42	18:11
JUN 4	5:43	18:13
11	5:44	18:14
18	5:46	18:16
25	5:52	18:17
JUL 2	5:53	18:19
9	5:55	18:19
16	5:56	18:19
23	5:57	18:18
30	5:57	18:17
AUG 6	5:57	18:15
13	5:57	18:12
20	5:57	18:09
27	5:56	18:06
SEP 3	5:56	18:02
10	5:54	17:58
17	5:53	17:54

	24	5:57	17:59		24	5:42	17:45		24	5:48	17:51
OCT	1	5:56	17:56	OCT	1	5:42	17:41	OCT	1	5:47	17:47
	8	5:56	17:52		8	5:41	17:38		8	5:46	17:44
	15	5:56	17:49		15	5:41	17:35		15	5:46	17:42
	22	5:56	17:47		22	5:42	17:33		22	5:46	17:40
	29	5:58	17:45		29	5:43	17:31		29	5:47	17:38
NOV	5	5:59	17:45	NOV	5	5:44	17:30	NOV	5	5:48	17:38
	12	6:02	17:45		12	5:47	17:30		12	5:51	17:38
	19	6:04	17:45		19	5:49	17:30		19	5:53	17:38
	26	6:08	17:46		26	5:53	17:31		26	5:56	17:39
DEC	3	6:11	17:48	DEC	3	5:56	17:33	DEC	3	6:00	17:41
	10	6:15	17:50		10	6:00	17:36		10	6:03	17:44
	17	6:18	17:53		17	6:03	17:39		17	6:07	17:47
	24	6:22	17:57		24	6:06	17:42		24	6:10	17:51
	30	6:22	18:00		30	6:07	17:46		30	6:11	17:54

NOMBRE: APIAY-
AFB
INDICADOR: SKAP
COORDENADAS 04 04 33,86 N 073 33
45,70 W

NOMBRE: ARARACUARA
INDICADOR: SKAC
COORDENADAS 00 36 02,71 S 072 23
53,21 W

NOMBRE: ARAUCA
INDICADOR: SKUC
COORDENADAS 07 04 08,08 N
070 44 13,05 W

FECHA	SR	SS	FECHA	SR	SS	FECHA	SR	SS			
JAN	1	6:03	17:54	JAN	1	5:52	17:55	JAN	1	5:56	17:37
	8	6:05	17:57		8	5:55	17:58		8	5:59	17:41
	15	6:07	18:00		15	5:57	18:01		15	6:00	17:44
	22	6:08	18:03		22	5:59	18:03		22	6:01	17:47
	29	6:09	18:05		29	6:00	18:04		29	6:01	17:49
FEB	5	6:08	18:06	FEB	5	6:00	18:05	FEB	5	6:01	17:51
	12	6:08	18:07		12	6:00	18:05		12	6:00	17:53
	19	6:07	18:07		19	6:00	18:04		19	5:58	17:54
	26	6:05	18:06		26	5:59	18:03		26	5:56	17:54
MAR	5	6:03	18:05	MAR	5	5:57	18:02	MAR	5	5:53	17:53
	12	6:01	18:04		12	5:55	18:00		12	5:50	17:53
	19	5:58	18:03		19	5:53	17:58		19	5:47	17:52
	26	5:55	18:02		26	5:51	17:56		26	5:43	17:51
APR	2	5:52	18:00	APR	2	5:49	17:54	APR	2	5:40	17:51
	9	5:49	17:59		9	5:47	17:52		9	5:36	17:50
	16	5:47	17:59		16	5:45	17:51		16	5:33	17:50
	23	5:45	17:58		23	5:43	17:50		23	5:31	17:50
	30	5:43	17:58		30	5:42	17:49		30	5:28	17:50
MAY	7	5:41	17:58	MAY	7	5:41	17:49	MAY	7	5:26	17:51
	14	5:41	17:59		14	5:41	17:49		14	5:25	17:51
	21	5:40	17:59		21	5:41	17:49		21	5:24	17:52
	28	5:41	18:00		28	5:42	17:50		28	5:25	17:54

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

NOMBRE: ARAUQUITA
INDICADOR: SKAT
COORDENADAS 07 01 15,92 N 071 23 20,18 W

NOMBRE: ARMENIA/INTL
INDICADOR: SKAR
COORDENADAS 04 27 06,31 N 075 45 58,22 W

NOMBRE: BAHIA SOLANO
INDICADOR: SKBS
COORDENADAS 06 12 11,20 N 077 23 41,90 W

FECHA	SR	SS	FECHA	SR	SS	FECHA	SR	SS			
JAN	1	5:59	17:40	JAN	1	6:12	18:02	JAN	1	6:22	18:05
	8	6:01	17:44		8	6:15	18:05		8	6:24	18:09
	15	6:03	17:47		15	6:16	18:08		15	6:25	18:12
	22	6:03	17:50		22	6:17	18:11		22	6:26	18:15
	29	6:03	17:52		29	6:18	18:13		29	6:26	18:17
FEB	5	6:03	17:54	FEB	5	6:18	18:14	FEB	5	6:26	18:19

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

17	5:52	17:32	17	6:05	17:54	17	6:15	17:58
24	5:55	17:36	24	6:09	17:58	24	6:18	18:01
30	5:56	17:39	30	6:10	18:01	30	6:19	18:05

NOMBRE: BARRANCABERMEJA
INDICADOR: SKEJ
COORDENADAS 07 01 27,98 N 073 48
24,52 W

NOMBRE: BARRANCOMINAS
INDICADOR: SKBM
COORDENADAS 03 39 26,45 N 069 48
35,05 W

NOMBRE: BARRANQUILLA
INDICADOR: SKBQ
COORDENADAS 10 53 22,06 N
074 46 50,44 W

FECHA	SR	SS	FECHA	SR	SS	FECHA	SR	SS
JAN 1	6:09	17:50	JAN 1	5:47	17:40	JAN 1	6:19	17:47
8	6:11	17:53	8	5:49	17:43	8	6:21	17:51
15	6:12	17:56	15	5:51	17:46	15	6:22	17:54
22	6:13	17:59	22	5:52	17:48	22	6:22	17:58
29	6:13	18:02	29	5:53	17:50	29	6:22	18:01
FEB 5	6:13	18:04	FEB 5	5:53	17:52	FEB 5	6:21	18:03
12	6:12	18:05	12	5:52	17:52	12	6:20	18:05
19	6:10	18:06	19	5:51	17:52	19	6:17	18:07
26	6:08	18:06	26	5:50	17:52	26	6:14	18:08
MAR 5	6:05	18:06	MAR 5	5:48	17:50	MAR 5	6:11	18:08
12	6:02	18:05	12	5:45	17:49	12	6:07	18:09
19	5:59	18:04	19	5:43	17:48	19	6:03	18:09
26	5:55	18:04	26	5:40	17:46	26	5:59	18:09
APR 2	5:52	18:03	APR 2	5:37	17:45	APR 2	5:55	18:09
9	5:49	18:02	9	5:35	17:44	9	5:50	18:09
16	5:46	18:02	16	5:32	17:43	16	5:47	18:09
23	5:43	18:02	23	5:30	17:42	23	5:43	18:10
30	5:41	18:02	30	5:28	17:42	30	5:40	18:10
MAY 7	5:39	18:03	MAY 7	5:27	17:42	MAY 7	5:38	18:12
14	5:37	18:04	14	5:26	17:43	14	5:36	18:13
21	5:37	18:05	21	5:26	17:43	21	5:35	18:15
28	5:37	18:06	28	5:27	17:44	28	5:34	18:16
JUN 4	5:38	18:08	JUN 4	5:28	17:46	JUN 4	5:35	18:18
11	5:39	18:09	11	5:29	17:47	11	5:36	18:20
18	5:41	18:11	18	5:35	17:49	18	5:38	18:22
25	5:46	18:13	25	5:36	17:50	25	5:43	18:23
JUL 2	5:48	18:14	JUL 2	5:38	17:52	JUL 2	5:45	18:25
9	5:49	18:15	9	5:39	17:53	9	5:47	18:25
16	5:51	18:14	16	5:40	17:53	16	5:49	18:24
23	5:52	18:14	23	5:40	17:53	23	5:50	18:23
30	5:52	18:12	30	5:40	17:52	30	5:51	18:21
AUG 6	5:52	18:10	AUG 6	5:40	17:50	AUG 6	5:52	18:18
13	5:52	18:07	13	5:40	17:48	13	5:52	18:15
20	5:52	18:04	20	5:39	17:46	20	5:52	18:11
27	5:51	18:01	27	5:38	17:43	27	5:52	18:07

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

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

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

17	6:09	18:00	17	5:48	17:46	17	6:06	17:58
24	6:12	18:04	24	5:51	17:49	24	6:10	18:02
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NOMBRE: CAPURGANNA
INDICADOR: SKCA
COORDENADAS 08 37 49,83 N 077 21 00,84 W

NOMBRE: CAREPA
INDICADOR: SKLC
COORDENADAS 07 48 42,30 N 076 42 59,19 W

NOMBRE: CARIMAGUA
INDICADOR: SKCI
COORDENADAS 04 33 53,60 N 071 20 12,11 W

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

SEP	3	6:04	18:12	SEP	3	6:02	18:09	SEP	3	5:42	17:46
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	17	6:02	18:04		17	6:00	18:01		17	5:39	17:40
	24	5:57	18:00		24	5:55	17:57		24	5:33	17:36
OCT	1	5:57	17:56	OCT	1	5:54	17:54	OCT	1	5:32	17:33
	8	5:56	17:52		8	5:53	17:50		8	5:30	17:31
	15	5:56	17:50		15	5:53	17:48		15	5:30	17:29
	22	5:57	17:47		22	5:54	17:46		22	5:29	17:27
	29	5:58	17:46		29	5:55	17:44		29	5:30	17:26
NOV	5	6:00	17:45	NOV	5	5:56	17:43	NOV	5	5:31	17:26
	12	6:02	17:45		12	5:59	17:43		12	5:32	17:26
	19	6:05	17:45		19	6:01	17:44		19	5:35	17:27
	26	6:08	17:46		26	6:04	17:45		26	5:38	17:28
DEC	3	6:12	17:48	DEC	3	6:08	17:47	DEC	3	5:41	17:30
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	17	6:19	17:53		17	6:15	17:52		17	5:48	17:36
	24	6:22	17:57		24	6:18	17:56		24	5:51	17:40
	30	6:23	18:00		30	6:19	17:59		30	5:52	17:43
NOMBRE:	CARTAGENA			NOMBRE:	CARTAGO			NOMBRE:	CARURU		
INDICADOR:	SKCG			INDICADOR:	SKGO			INDICADOR:	SKCR		
COORDENADAS	10 26 31,35 N 075 30 46 W			COORDENADAS	04 45 30,26 N 075 57 21,87 W			COORDENADAS	01 00 48,47 N 071 17 45,91 W		
FECHA	SR	SS		FECHA	SR	SS		FECHA	SR	SS	
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FEB	5	6:24	18:07	FEB	5	6:19	18:15	FEB	5	5:56	18:00
	12	6:22	18:09		12	6:18	18:16		12	5:56	18:01
	19	6:20	18:10		19	6:17	18:16		19	5:56	18:00
	26	6:17	18:11		26	6:15	18:16		26	5:54	17:59
MAR	5	6:14	18:11	MAR	5	6:13	18:15	MAR	5	5:53	17:57
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	26	6:02	18:12		26	6:04	18:11		26	5:46	17:52
APR	2	5:58	18:12	APR	2	6:01	18:10	APR	2	5:44	17:50
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MAY	7	5:41	18:14	MAY	7	5:50	18:08	MAY	7	5:36	17:45
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	28	5:38	18:19		28	5:50	18:11		28	5:37	17:47
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	11	5:40	18:22		11	5:52	18:14		11	5:40	17:49
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	25	5:47	18:26		25	5:59	18:17		25	5:47	17:52
JUL	2	5:49	18:27	JUL	2	6:00	18:18	JUL	2	5:48	17:54
	9	5:51	18:27		9	6:02	18:19		9	5:49	17:55
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	30	5:55	18:23		30	6:04	18:18		30	5:50	17:55
AUG	6	5:55	18:21	AUG	6	6:03	18:16	AUG	6	5:49	17:54
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SEP	3	5:55	18:05	SEP	3	6:00	18:05	SEP	3	5:44	17:45
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OCT	1	5:50	17:48	OCT	1	5:50	17:52	OCT	1	5:31	17:35
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NOV	5	5:55	17:35	NOV	5	5:49	17:44	NOV	5	5:26	17:30
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DEC	3	6:08	17:37	DEC	3	6:00	17:49	DEC	3	5:35	17:36
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NOMBRE:	CAUCASIA			NOMBRE:	CHIGORODO			NOMBRE:	CIMITARRA		
INDICADOR:	SKCU			INDICADOR:	SKIG			INDICADOR:	SKCM		
COORDENADAS	07 58 4,61 N 075 11 53,11 W			COORDENADAS	07 40 37,89 N 076 40 58,69 W			COORDENADAS	06 22 02,50 N 073 58 14,20 W		
FECHA	SR	SS		FECHA	SR	SS		FECHA	SR	SS	
JAN	1	6:16	17:54	JAN	1	6:21	18:00	JAN	1	6:08	17:51
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	15	6:19	18:01		15	6:25	18:07		15	6:12	17:58
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	29	6:20	18:06		29	6:25	18:13		29	6:13	18:03
FEB	5	6:19	18:08	FEB	5	6:25	18:15	FEB	5	6:13	18:05

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

17	6:09	17:46	17	6:15	17:52	17	6:01	17:44
24	6:12	17:49	24	6:18	17:56	24	6:05	17:47
30	6:13	17:53	30	6:19	17:59	30	6:06	17:51

NOMBRE: CONDOTO
INDICADOR: SKCD
COORDENADAS: 05 04 19,06 N 076 40
35,85 W

NOMBRE: COROZAL
INDICADOR: SKCZ
COORDENADAS: 09 19 57,35 N 075 17
06,80 W

NOMBRE: COVEÑAS
INDICADOR: SKCV
COORDENADAS: 09 24 03,70 N
075 41 28,81 W

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

SEP	3	6:03	18:08	SEP	3	5:55	18:04	SEP	3	5:57	18:06
	10	6:02	18:04		10	5:54	18:00		10	5:56	18:01
	17	6:00	18:01		17	5:54	17:55		17	5:55	17:57
	24	5:55	17:58		24	5:49	17:51		24	5:51	17:53
OCT	1	5:53	17:55	OCT	1	5:49	17:47	OCT	1	5:50	17:49
	8	5:52	17:52		8	5:48	17:44		8	5:50	17:45
	15	5:51	17:50		15	5:49	17:41		15	5:50	17:42
	22	5:51	17:48		22	5:49	17:38		22	5:51	17:40
	29	5:51	17:47		29	5:51	17:37		29	5:52	17:38
NOV	5	5:53	17:47	NOV	5	5:53	17:36	NOV	5	5:54	17:37
	12	5:55	17:47		12	5:55	17:36		12	5:57	17:37
	19	5:57	17:47		19	5:58	17:36		19	6:00	17:37
	26	6:00	17:49		26	6:01	17:37		26	6:03	17:38
DEC	3	6:03	17:51	DEC	3	6:05	17:38	DEC	3	6:06	17:40
	10	6:07	17:54		10	6:08	17:41		10	6:10	17:42
	17	6:10	17:57		17	6:12	17:44		17	6:14	17:45
	24	6:13	18:00		24	6:15	17:47		24	6:17	17:49
	30	6:14	18:04		30	6:16	17:51		30	6:18	17:52
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		
FECHA		SR	SS	FECHA		SR	SS	FECHA		SR	SS
JAN	1	5:53	17:36	JAN	1	6:05	17:43	JAN	1	5:48	17:38
	8	5:55	17:40		8	6:07	17:47		8	5:51	17:41
	15	5:57	17:43		15	6:08	17:50		15	5:52	17:44
	22	5:58	17:46		22	6:09	17:53		22	5:53	17:47
	29	5:58	17:48		29	6:09	17:56		29	5:54	17:49
FEB	5	5:58	17:50	FEB	5	6:09	17:58	FEB	5	5:54	17:51
	12	5:57	17:51		12	6:08	17:59		12	5:53	17:51
	19	5:55	17:52		19	6:06	18:00		19	5:52	17:52
	26	5:53	17:52		26	6:03	18:00		26	5:50	17:51
MAR	5	5:51	17:51	MAR	5	6:01	18:00	MAR	5	5:48	17:50
	12	5:48	17:51		12	5:57	18:00		12	5:46	17:49
	19	5:44	17:50		19	5:54	17:59		19	5:43	17:48
	26	5:41	17:49		26	5:50	17:59		26	5:40	17:47
APR	2	5:38	17:48	APR	2	5:47	17:58	APR	2	5:37	17:45
	9	5:35	17:47		9	5:43	17:58		9	5:34	17:44
	16	5:32	17:47		16	5:40	17:58		16	5:31	17:44
	23	5:29	17:47		23	5:37	17:58		23	5:29	17:43
	30	5:27	17:47		30	5:34	17:58		30	5:27	17:43
MAY	7	5:25	17:47	MAY	7	5:32	17:59	MAY	7	5:26	17:43
	14	5:24	17:48		14	5:31	18:00		14	5:25	17:44
	21	5:23	17:49		21	5:30	18:01		21	5:25	17:45

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

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

NOMBRE: EL
BANCO
INDICADOR: SKBC
COORDENADAS 09 02 40,60 N
073 58 24,90 W

FECHA	SR	SS	FECHA	SR	SS	FECHA	SR	SS			
JAN	1	6:17	17:52	JAN	1	6:14	17:53	JAN	1	6:13	17:47
	8	6:19	17:56		8	6:16	17:56		8	6:15	17:51
	15	6:20	17:59		15	6:17	18:00		15	6:16	17:54
	22	6:21	18:02		22	6:18	18:03		22	6:16	17:57
	29	6:21	18:05		29	6:18	18:05		29	6:16	18:00

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

10 6:07 17:41
17 6:10 17:44
24 6:14 17:48
30 6:14 17:52

10 6:03 17:42
17 6:07 17:45
24 6:10 17:48
30 6:11 17:52

10 6:03 17:36
17 6:06 17:39
24 6:09 17:42
30 6:10 17:46

NOMBRE: EL
CHARCO
INDICADOR: SKEH
COORDENADAS 02 26 27 N 078
06 00 W

NOMBRE: EL
YOPAL
INDICADOR: SKYP
COORDENADAS 05 19 08,92 N 072 23
03,22 W

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

FECHA	SR	SS
JAN 1	6:18	18:15
8	6:21	18:18
15	6:23	18:21
22	6:24	18:23
29	6:25	18:25
FEB 5	6:25	18:26
12	6:25	18:27
19	6:24	18:26
26	6:22	18:25
MAR 5	6:21	18:24
12	6:18	18:22
19	6:16	18:21
26	6:13	18:19
APR 2	6:11	18:18
9	6:08	18:16
16	6:06	18:15
23	6:04	18:15
30	6:03	18:14
MAY 7	6:02	18:14
14	6:01	18:14
21	6:01	18:15
28	6:02	18:16
JUN 4	6:03	18:17
11	6:04	18:19
18	6:10	18:20
25	6:11	18:22
JUL 2	6:13	18:23
9	6:14	18:24
16	6:15	18:25
23	6:15	18:24
30	6:15	18:24
AUG 6	6:15	18:22
13	6:14	18:20
20	6:13	18:18

FECHA	SR	SS
JAN 1	6:00	17:47
8	6:02	17:50
15	6:04	17:53
22	6:05	17:56
29	6:05	17:58
FEB 5	6:05	18:00
12	6:05	18:01
19	6:03	18:01
26	6:01	18:01
MAR 5	5:59	18:00
12	5:56	17:59
19	5:53	17:58
26	5:50	17:57
APR 2	5:47	17:56
9	5:44	17:55
16	5:41	17:55
23	5:39	17:55
30	5:37	17:55
MAY 7	5:35	17:55
14	5:34	17:56
21	5:34	17:56
28	5:34	17:58
JUN 4	5:35	17:59
11	5:37	18:01
18	5:38	18:02
25	5:44	18:04
JUL 2	5:45	18:05
9	5:46	18:06
16	5:48	18:06
23	5:48	18:06
30	5:48	18:04
AUG 6	5:49	18:02
13	5:48	18:00
20	5:48	17:57

FECHA	SR	SS
JAN 1	6:07	18:06
8	6:09	18:09
15	6:11	18:12
22	6:13	18:14
29	6:14	18:16
FEB 5	6:14	18:17
12	6:14	18:17
19	6:13	18:17
26	6:12	18:15
MAR 5	6:10	18:14
12	6:08	18:12
19	6:06	18:11
26	6:03	18:09
APR 2	6:01	18:07
9	5:59	18:06
16	5:57	18:04
23	5:55	18:04
30	5:53	18:03
MAY 7	5:52	18:03
14	5:52	18:03
21	5:52	18:04
28	5:53	18:05
JUN 4	5:54	18:06
11	5:56	18:07
18	6:01	18:09
25	6:03	18:10
JUL 2	6:04	18:12
9	6:05	18:13
16	6:06	18:13
23	6:06	18:13
30	6:06	18:12
AUG 6	6:06	18:11
13	6:05	18:09
20	6:04	18:07

	27	6:12	18:15		27	5:47	17:54		27	6:02	18:05
SEP	3	6:10	18:13	SEP	3	5:46	17:51	SEP	3	6:00	18:02
	10	6:08	18:10		10	5:44	17:47		10	5:58	17:59
	17	6:06	18:07		17	5:43	17:44		17	5:56	17:57
	24	6:00	18:04		24	5:37	17:40		24	5:50	17:54
OCT	1	5:58	18:01	OCT	1	5:36	17:37	OCT	1	5:48	17:52
	8	5:57	17:59		8	5:35	17:35		8	5:46	17:49
	15	5:55	17:57		15	5:34	17:32		15	5:45	17:48
	22	5:54	17:56		22	5:34	17:31		22	5:44	17:47
	29	5:54	17:56		29	5:35	17:30		29	5:43	17:46
NOV	5	5:55	17:56	NOV	5	5:36	17:29	NOV	5	5:44	17:46
	12	5:56	17:56		12	5:38	17:29		12	5:45	17:47
	19	5:59	17:57		19	5:40	17:30		19	5:47	17:48
	26	6:01	17:59		26	5:43	17:31		26	5:50	17:50
DEC	3	6:04	18:01	DEC	3	5:46	17:33	DEC	3	5:53	17:52
	10	6:08	18:04		10	5:50	17:36		10	5:56	17:55
	17	6:11	18:07		17	5:53	17:39		17	5:59	17:58
	24	6:14	18:11		24	5:57	17:43		24	6:03	18:02
	30	6:15	18:14		30	5:57	17:46		30	6:04	18:05

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

NOMBRE: GIRARDOT
INDICADOR: SKGI
COORDENADAS 04 16 31,25 N 074 47 45,92 W

FECHA	SR	SS	FECHA	SR	SS	FECHA	SR	SS
JAN 1	6:17	18:00	JAN 1	6:16	17:45	JAN 1	6:08	17:58
JAN 8	6:20	18:03	JAN 8	6:18	17:49	JAN 8	6:10	18:02
JAN 15	6:21	18:06	JAN 15	6:19	17:53	JAN 15	6:12	18:05
JAN 22	6:22	18:09	JAN 22	6:19	17:56	JAN 22	6:13	18:07
JAN 29	6:22	18:12	JAN 29	6:19	17:59	JAN 29	6:14	18:09
FEB 5	6:22	18:13	FEB 5	6:18	18:01	FEB 5	6:14	18:11
FEB 12	6:21	18:15	FEB 12	6:17	18:03	FEB 12	6:13	18:12
FEB 19	6:19	18:15	FEB 19	6:15	18:05	FEB 19	6:12	18:12
FEB 26	6:17	18:16	FEB 26	6:12	18:06	FEB 26	6:10	18:11
MAR 5	6:15	18:15	MAR 5	6:08	18:06	MAR 5	6:08	18:10
MAR 12	6:12	18:14	MAR 12	6:05	18:06	MAR 12	6:06	18:09
MAR 19	6:08	18:14	MAR 19	6:01	18:06	MAR 19	6:03	18:08
MAR 26	6:05	18:13	MAR 26	5:56	18:06	MAR 26	6:00	18:07
APR 2	6:01	18:12	APR 2	5:52	18:06	APR 2	5:57	18:05
APR 9	5:58	18:12	APR 9	5:48	18:06	APR 9	5:54	18:04
APR 16	5:55	18:11	APR 16	5:45	18:07	APR 16	5:52	18:04
APR 23	5:52	18:11	APR 23	5:41	18:07	APR 23	5:49	18:03
APR 30	5:50	18:11	APR 30	5:38	18:08	APR 30	5:47	18:03
MAY 7	5:48	18:12	MAY 7	5:36	18:09	MAY 7	5:46	18:03

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

NOMBRE: GUAPI
INDICADOR: SKGP
COORDENADAS 02 34 12,11 N 077 53
52,76 W

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

NOMBRE: HATO
COROZAL
INDICADOR: SKHC
COORDENADAS 06 09 12,75 N
071 45 42,36 W

FECHA	SR	SS	FECHA	SR	SS	FECHA	SR	SS
JAN 1	6:18	18:14	JAN 1	6:06	17:54	JAN 1	5:59	17:43
8	6:20	18:17	8	6:08	17:58	8	6:01	17:46
15	6:22	18:20	15	6:10	18:01	15	6:03	17:50
22	6:23	18:22	22	6:11	18:04	22	6:04	17:53

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

DEC	3	6:04	18:00	DEC	3	5:52	17:41	DEC	3	5:45	17:29
	10	6:07	18:03		10	5:56	17:44		10	5:49	17:32
	17	6:11	18:06		17	5:59	17:47		17	5:52	17:35
	24	6:14	18:09		24	6:02	17:50		24	5:56	17:39
	30	6:15	18:13		30	6:03	17:54		30	5:56	17:42
NOMBRE: IBAGUE				NOMBRE: IPIALES				NOMBRE: JURADO			
INDICADOR: SKIB				INDICADOR: SKIP				INDICADOR: SKJU			
COORDENADAS 04 25 17,95 N 075 08 01 W				COORDENADAS 00 51 42,86 N 077 40 18,65 W				COORDENADAS 07 05 30 N 077 44 25 W			
FECHA	SR	SS		FECHA	SR	SS		FECHA	SR	SS	
JAN	1	6:10	17:59	JAN	1	6:14	18:16	JAN	1	6:24	18:05
	8	6:12	18:03		8	6:17	18:19		8	6:27	18:09
	15	6:14	18:06		15	6:19	18:21		15	6:28	18:12
	22	6:15	18:08		22	6:20	18:24		22	6:29	18:15
	29	6:15	18:11		29	6:21	18:25		29	6:29	18:17
FEB	5	6:15	18:12	FEB	5	6:21	18:26	FEB	5	6:29	18:19
	12	6:15	18:13		12	6:21	18:26		12	6:28	18:21
	19	6:14	18:13		19	6:21	18:25		19	6:26	18:21
	26	6:12	18:12		26	6:20	18:24		26	6:24	18:22
MAR	5	6:10	18:12	MAR	5	6:18	18:23	MAR	5	6:21	18:21
	12	6:07	18:10		12	6:16	18:21		12	6:18	18:21
	19	6:04	18:09		19	6:14	18:19		19	6:15	18:20
	26	6:01	18:08		26	6:12	18:17		26	6:11	18:19
APR	2	5:58	18:07	APR	2	6:10	18:15	APR	2	6:08	18:19
	9	5:55	18:06		9	6:07	18:13		9	6:04	18:18
	16	5:53	18:05		16	6:05	18:12		16	6:01	18:18
	23	5:51	18:05		23	6:04	18:11		23	5:58	18:18
	30	5:49	18:05		30	6:03	18:11		30	5:56	18:18
MAY	7	5:47	18:05	MAY	7	6:02	18:11	MAY	7	5:54	18:19
	14	5:46	18:05		14	6:01	18:11		14	5:53	18:19
	21	5:46	18:06		21	6:02	18:11		21	5:52	18:21
	28	5:47	18:07		28	6:03	18:12		28	5:53	18:22
JUN	4	5:48	18:09	JUN	4	6:04	18:13	JUN	4	5:54	18:24
	11	5:49	18:10		11	6:05	18:14		11	5:55	18:25
	18	5:55	18:12		18	6:11	18:16		18	5:56	18:27
	25	5:56	18:13		25	6:12	18:17		25	6:02	18:28
JUL	2	5:58	18:15	JUL	2	6:14	18:19	JUL	2	6:04	18:30
	9	5:59	18:16		9	6:15	18:20		9	6:05	18:30
	16	6:00	18:16		16	6:15	18:21		16	6:06	18:30
	23	6:00	18:15		23	6:15	18:21		23	6:07	18:29
	30	6:01	18:14		30	6:15	18:20		30	6:08	18:28
AUG	6	6:01	18:12	AUG	6	6:15	18:19	AUG	6	6:08	18:26
	13	6:00	18:10		13	6:14	18:17		13	6:08	18:23

	20	6:00	18:08		20	6:13	18:15		20	6:08	18:20
	27	5:59	18:05		27	6:11	18:13		27	6:07	18:17
SEP	3	5:57	18:01	SEP	3	6:09	18:10	SEP	3	6:06	18:13
	10	5:56	17:58		10	6:07	18:08		10	6:05	18:09
	17	5:54	17:55		17	6:05	18:05		17	6:04	18:05
	24	5:48	17:52		24	5:58	18:03		24	5:59	18:01
OCT	1	5:47	17:49	OCT	1	5:56	18:00	OCT	1	5:58	17:58
	8	5:46	17:46		8	5:54	17:58		8	5:57	17:55
	15	5:45	17:44		15	5:53	17:57		15	5:57	17:52
	22	5:44	17:42		22	5:51	17:56		22	5:57	17:50
	29	5:45	17:42		29	5:51	17:56		29	5:58	17:49
NOV	5	5:46	17:41	NOV	5	5:51	17:56	NOV	5	5:59	17:48
	12	5:47	17:41		12	5:53	17:56		12	6:02	17:48
	19	5:50	17:42		19	5:54	17:57		19	6:04	17:49
	26	5:53	17:44		26	5:57	17:59		26	6:07	17:50
DEC	3	5:56	17:46	DEC	3	6:00	18:02	DEC	3	6:11	17:52
	10	5:59	17:49		10	6:03	18:05		10	6:14	17:54
	17	6:03	17:52		17	6:07	18:08		17	6:18	17:57
	24	6:06	17:55		24	6:10	18:11		24	6:21	18:01
	30	6:07	17:59		30	6:11	18:15		30	6:22	18:05
NOMBRE:	LA ESPERANZA			NOMBRE:	LA JAGUA DE IBIRICO			NOMBRE:	LA MACARENA		
INDICADOR:	SKRZ			INDICADOR:	SKJI			INDICADOR:	SKNA		
COORDENADAS	05 56 54 N 073 36 33 W			COORDENADAS	09 37 14 N 073 32 11 W			COORDENADAS	02 10 32,59 N 073 47 12,13 W		
FECHA	SR	SS		FECHA	SR	SS		FECHA	SR	SS	
JAN	1	6:06	17:51	JAN	1	6:11	17:44	JAN	1	6:00	17:58
	8	6:08	17:54		8	6:13	17:48		8	6:03	18:01
	15	6:10	17:57		15	6:15	17:51		15	6:05	18:04
	22	6:11	18:00		22	6:15	17:54		22	6:06	18:06
	29	6:11	18:02		29	6:15	17:57		29	6:07	18:08
FEB	5	6:11	18:04	FEB	5	6:14	17:59	FEB	5	6:07	18:09
	12	6:10	18:05		12	6:13	18:01		12	6:07	18:10
	19	6:09	18:06		19	6:11	18:02		19	6:06	18:09
	26	6:07	18:06		26	6:08	18:03		26	6:05	18:08
MAR	5	6:04	18:05	MAR	5	6:05	18:04	MAR	5	6:03	18:07
	12	6:01	18:04		12	6:01	18:04		12	6:01	18:05
	19	5:58	18:03		19	5:58	18:03		19	5:59	18:04
	26	5:55	18:02		26	5:54	18:03		26	5:56	18:02
APR	2	5:52	18:02	APR	2	5:50	18:03	APR	2	5:54	18:00
	9	5:48	18:01		9	5:46	18:03		9	5:51	17:59
	16	5:46	18:00		16	5:42	18:03		16	5:49	17:58
	23	5:43	18:00		23	5:39	18:03		23	5:47	17:57
	30	5:41	18:00		30	5:36	18:04		30	5:46	17:57

MAY	7	5:39	18:01	MAY	7	5:34	18:05	MAY	7	5:45	17:57
	14	5:38	18:01		14	5:32	18:06		14	5:44	17:57
	21	5:38	18:02		21	5:32	18:07		21	5:44	17:57
	28	5:38	18:04		28	5:31	18:09		28	5:45	17:58
JUN	4	5:39	18:05	JUN	4	5:32	18:11	JUN	4	5:46	18:00
	11	5:40	18:07		11	5:33	18:13		11	5:48	18:01
	18	5:42	18:08		18	5:35	18:14		18	5:53	18:03
	25	5:47	18:10		25	5:40	18:16		25	5:55	18:04
JUL	2	5:49	18:11	JUL	2	5:42	18:17	JUL	2	5:56	18:05
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	16	5:51	18:12		16	5:45	18:17		16	5:58	18:07
	23	5:52	18:11		23	5:47	18:16		23	5:58	18:07
	30	5:53	18:10		30	5:47	18:14		30	5:58	18:06
AUG	6	5:53	18:08	AUG	6	5:48	18:11	AUG	6	5:58	18:05
	13	5:53	18:06		13	5:48	18:08		13	5:57	18:03
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	27	5:51	17:59		27	5:48	18:01		27	5:55	17:58
SEP	3	5:50	17:56	SEP	3	5:48	17:57	SEP	3	5:53	17:55
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	24	5:42	17:45		24	5:42	17:44		24	5:43	17:47
OCT	1	5:41	17:42	OCT	1	5:41	17:40	OCT	1	5:41	17:44
	8	5:40	17:39		8	5:41	17:36		8	5:39	17:42
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NOV	5	5:41	17:33	NOV	5	5:46	17:28	NOV	5	5:37	17:39
	12	5:43	17:33		12	5:48	17:28		12	5:39	17:39
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	26	5:49	17:35		26	5:54	17:29		26	5:43	17:42
DEC	3	5:52	17:37	DEC	3	5:58	17:31	DEC	3	5:47	17:44
	10	5:56	17:40		10	6:01	17:33		10	5:50	17:47
	17	5:59	17:43		17	6:05	17:36		17	5:53	17:50
	24	6:03	17:46		24	6:08	17:39		24	5:57	17:54
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NOMBRE:	LA			NOMBRE:	LA			NOMBRE:	LAS		
	MINA				PROVIDENCIA				CRUCES		
INDICADOR:	SKLM			INDICADOR:	SKAQ			INDICADOR:	SKRU		
COORDENADAS	11 13 57,40 N 072 29			COORDENADAS	07 09 55 N 075			COORDENADAS	07 22 59,70 N		
	19,90 W				43 31 W				073 30 19,80 W		
FECHA		SR	SS	FECHA		SR	SS	FECHA		SR	SS
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	29	6:13	17:51		29	6:21	18:09		29	6:12	18:00
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	12	6:11	17:56		12	6:20	18:13		12	6:11	18:03
	19	6:08	17:57		19	6:18	18:13		19	6:09	18:04
	26	6:05	17:58		26	6:16	18:14		26	6:07	18:05
MAR	5	6:02	17:59	MAR	5	6:13	18:13	MAR	5	6:04	18:04
	12	5:58	17:59		12	6:10	18:13		12	6:01	18:04
	19	5:54	18:00		19	6:07	18:12		19	5:58	18:03
	26	5:49	18:00		26	6:03	18:11		26	5:54	18:02
APR	2	5:45	18:00	APR	2	6:00	18:11	APR	2	5:51	18:02
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	23	5:34	18:01		23	5:50	18:10		23	5:41	18:01
	30	5:31	18:02		30	5:48	18:10		30	5:39	18:01
MAY	7	5:28	18:03	MAY	7	5:46	18:11	MAY	7	5:37	18:02
	14	5:26	18:04		14	5:45	18:11		14	5:36	18:03
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	28	5:25	18:08		28	5:45	18:14		28	5:35	18:06
JUN	4	5:25	18:10	JUN	4	5:45	18:16	JUN	4	5:36	18:07
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JUL	2	5:35	18:16	JUL	2	5:55	18:22	JUL	2	5:46	18:13
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	13	5:43	18:06		13	6:00	18:15		13	5:51	18:06
	20	5:43	18:02		20	5:59	18:12		20	5:50	18:03
	27	5:43	17:58		27	5:59	18:09		27	5:50	18:00
SEP	3	5:43	17:53	SEP	3	5:58	18:05	SEP	3	5:49	17:56
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OCT	1	5:38	17:35	OCT	1	5:50	17:50	OCT	1	5:41	17:41
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	29	5:42	17:23		29	5:50	17:41		29	5:41	17:32
NOV	5	5:44	17:22	NOV	5	5:51	17:40	NOV	5	5:43	17:31
	12	5:46	17:22		12	5:54	17:40		12	5:45	17:31

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DEC	3	5:57	17:24	DEC	3	6:03	17:44	DEC	3	5:54	17:34
	10	6:01	17:26		10	6:06	17:46		10	5:58	17:37
	17	6:04	17:29		17	6:10	17:49		17	6:01	17:40
	24	6:07	17:33		24	6:13	17:53		24	6:05	17:43
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NOMBRE:	LETICIA			NOMBRE:	MAGANGUE			NOMBRE:	MALAGA		
INDICADOR:	SKLT			INDICADOR:	SKMG			INDICADOR:	SKLA		
COORDENADAS	04 11 31,08 S 069 56 29,19 W			COORDENADAS	09 17 05,19 N 074 50 45,97 W			COORDENADAS	06 42 21,40 N 072 43 49,40 W		
FECHA	SR	SS		FECHA	SR	SS		FECHA	SR	SS	
JAN	1	5:35	17:53	JAN	1	6:17	17:50	JAN	1	6:04	17:46
	8	5:38	17:56		8	6:19	17:54		8	6:06	17:49
	15	5:41	17:58		15	6:20	17:57		15	6:07	17:53
	22	5:43	18:00		22	6:20	18:00		22	6:08	17:56
	29	5:44	18:01		29	6:20	18:03		29	6:08	17:58
FEB	5	5:45	18:00	FEB	5	6:20	18:05	FEB	5	6:08	18:00
	12	5:46	17:59		12	6:18	18:07		12	6:07	18:01
	19	5:46	17:58		19	6:16	18:08		19	6:06	18:02
	26	5:46	17:55		26	6:14	18:09		26	6:04	18:02
MAR	5	5:45	17:53	MAR	5	6:10	18:09	MAR	5	6:01	18:01
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	19	5:43	17:47		19	6:03	18:09		19	5:55	18:00
	26	5:42	17:44		26	5:59	18:09		26	5:51	17:59
APR	2	5:41	17:42	APR	2	5:55	18:08	APR	2	5:48	17:58
	9	5:39	17:39		9	5:52	18:08		9	5:45	17:58
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	23	5:37	17:35		23	5:45	18:08		23	5:39	17:58
	30	5:37	17:34		30	5:42	18:09		30	5:37	17:58
MAY	7	5:37	17:33	MAY	7	5:40	18:10	MAY	7	5:35	17:58
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JUN	4	5:42	17:34	JUN	4	5:38	18:16	JUN	4	5:34	18:03
	11	5:43	17:35		11	5:39	18:18		11	5:36	18:05
	18	5:49	17:36		18	5:41	18:19		18	5:37	18:06
	25	5:50	17:38		25	5:47	18:21		25	5:43	18:08
JUL	2	5:51	17:39	JUL	2	5:48	18:22	JUL	2	5:44	18:09
	9	5:52	17:41		9	5:50	18:23		9	5:46	18:10
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	23	5:52	17:43		23	5:53	18:21		23	5:48	18:09
	30	5:51	17:43		30	5:53	18:19		30	5:48	18:07

AUG	6	5:50	17:43	AUG	6	5:54	18:17	AUG	6	5:48	18:05
	13	5:49	17:42		13	5:54	18:14		13	5:48	18:03
	20	5:46	17:41		20	5:54	18:10		20	5:48	18:00
	27	5:44	17:39		27	5:54	18:06		27	5:47	17:56
SEP	3	5:41	17:38	SEP	3	5:53	18:02	SEP	3	5:46	17:53
	10	5:38	17:36		10	5:53	17:58		10	5:45	17:49
	17	5:35	17:34		17	5:52	17:54		17	5:44	17:45
	24	5:27	17:33		24	5:47	17:49		24	5:39	17:42
OCT	1	5:24	17:31	OCT	1	5:47	17:46	OCT	1	5:38	17:38
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	22	5:17	17:30		22	5:48	17:37		22	5:37	17:31
	29	5:15	17:30		29	5:49	17:35		29	5:38	17:29
NOV	5	5:14	17:31	NOV	5	5:51	17:34	NOV	5	5:39	17:29
	12	5:15	17:32		12	5:53	17:34		12	5:41	17:29
	19	5:16	17:34		19	5:56	17:34		19	5:44	17:29
	26	5:18	17:36		26	5:59	17:35		26	5:47	17:30
DEC	3	5:20	17:39	DEC	3	6:03	17:37	DEC	3	5:50	17:32
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	17	5:27	17:46		17	6:10	17:42		17	5:57	17:38
	24	5:31	17:49		24	6:13	17:46		24	6:00	17:42
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NOMBRE:	MANIZALES			NOMBRE:	MARIQUITA			NOMBRE:	MEDELLIN		
INDICADOR:	SKMZ			INDICADOR:	SKQU			INDICADOR:	SKMD		
COORDENADAS	05 01 48,17 N 075 27 55,63 W			COORDENADAS	05 12 45,51 N 074 53 01,56 W			COORDENADAS	06 13 13,59 N 075 35 25,56 W		
FECHA	SR	SS		FECHA	SR	SS		FECHA	SR	SS	
JAN	1	6:12	18:00	JAN	1	6:10	17:57	JAN	1	6:14	17:58
	8	6:14	18:03		8	6:12	18:01		8	6:17	18:02
	15	6:16	18:06		15	6:14	18:04		15	6:18	18:05
	22	6:17	18:09		22	6:15	18:06		22	6:19	18:08
	29	6:17	18:11		29	6:15	18:09		29	6:19	18:10
FEB	5	6:17	18:13	FEB	5	6:15	18:10	FEB	5	6:19	18:12
	12	6:17	18:14		12	6:15	18:11		12	6:18	18:13
	19	6:15	18:14		19	6:13	18:12		19	6:17	18:14
	26	6:14	18:14		26	6:11	18:11		26	6:15	18:14
MAR	5	6:11	18:13	MAR	5	6:09	18:10	MAR	5	6:12	18:13
	12	6:08	18:12		12	6:06	18:10		12	6:09	18:12
	19	6:06	18:11		19	6:03	18:08		19	6:06	18:11
	26	6:02	18:10		26	6:00	18:07		26	6:03	18:10
APR	2	5:59	18:08	APR	2	5:57	18:06	APR	2	5:59	18:10
	9	5:56	18:08		9	5:54	18:05		9	5:56	18:09
	16	5:54	18:07		16	5:51	18:05		16	5:53	18:09
	23	5:51	18:07		23	5:49	18:05		23	5:51	18:08

	30	5:49	18:07		30	5:47	18:05		30	5:48	18:09
MAY	7	5:48	18:07	MAY	7	5:45	18:05	MAY	7	5:47	18:09
	14	5:47	18:07		14	5:44	18:05		14	5:46	18:10
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	28	5:47	18:10		28	5:45	18:08		28	5:46	18:12
JUN	4	5:48	18:11	JUN	4	5:46	18:09	JUN	4	5:47	18:14
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	25	5:56	18:16		25	5:54	18:14		25	5:55	18:18
JUL	2	5:58	18:17	JUL	2	5:55	18:15	JUL	2	5:56	18:20
	9	5:59	18:18		9	5:57	18:16		9	5:58	18:20
	16	6:00	18:18		16	5:58	18:16		16	5:59	18:20
	23	6:01	18:17		23	5:58	18:15		23	6:00	18:20
	30	6:01	18:16		30	5:59	18:14		30	6:00	18:18
AUG	6	6:01	18:14	AUG	6	5:59	18:12	AUG	6	6:00	18:16
	13	6:01	18:12		13	5:59	18:10		13	6:00	18:14
	20	6:00	18:09		20	5:58	18:07		20	6:00	18:11
	27	5:59	18:06		27	5:57	18:04		27	5:59	18:07
SEP	3	5:58	18:03	SEP	3	5:56	18:01	SEP	3	5:58	18:04
	10	5:57	18:00		10	5:54	17:57		10	5:57	18:00
	17	5:55	17:56		17	5:53	17:54		17	5:56	17:57
	24	5:50	17:53		24	5:48	17:51		24	5:50	17:53
OCT	1	5:48	17:50	OCT	1	5:46	17:47	OCT	1	5:49	17:50
	8	5:47	17:47		8	5:45	17:45		8	5:48	17:47
	15	5:46	17:45		15	5:44	17:42		15	5:48	17:44
	22	5:46	17:43		22	5:44	17:41		22	5:48	17:43
	29	5:47	17:42		29	5:45	17:40		29	5:48	17:41
NOV	5	5:48	17:42	NOV	5	5:46	17:39	NOV	5	5:50	17:41
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	19	5:52	17:43		19	5:50	17:40		19	5:54	17:41
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DEC	3	5:58	17:46	DEC	3	5:56	17:44	DEC	3	6:01	17:45
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	17	6:05	17:52		17	6:03	17:49		17	6:08	17:50
	24	6:08	17:55		24	6:06	17:53		24	6:11	17:54
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NOMBRE:	MIRAFLORES			NOMBRE:	MITU			NOMBRE:	MOMPOS		
INDICADOR:	SKMF			INDICADOR:	SKMU			INDICADOR:	SKMP		
COORDENADAS	001 20 15,76 N 071 57 07,51 W			COORDENADAS	001 15 12,62 N 070 14 02,72 W			COORDENADAS	009 15 28,06 N 074 26 16,86 W		
FECHA	SR	SS		FECHA	SR	SS		FECHA	SR	SS	
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	8	5:54	17:54		8	5:47	17:48		8	6:17	17:52

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

FECHA	SR	SS	FECHA	SR	SS	FECHA	SR	SS
19	5:32	17:33	19	5:25	17:27	19	5:54	17:32
26	5:34	17:35	26	5:28	17:29	26	5:58	17:33
DEC 3	5:37	17:37	DEC 3	5:31	17:31	DEC 3	6:01	17:35
10	5:40	17:40	10	5:34	17:34	10	6:05	17:37
17	5:44	17:44	17	5:38	17:38	17	6:08	17:40
24	5:47	17:47	24	5:41	17:41	24	6:12	17:44
30	5:48	17:50	30	5:42	17:45	30	6:12	17:48
NOMBRE: MONFORT INDICADOR: SKNF COORDENADAS 00 37 30 N 069 44 58 W			NOMBRE: MONTELIBANO INDICADOR: SKML COORDENADAS 07 58 24 N 075 26 28,60 W			NOMBRE: MONTERIA INDICADOR: SKMR COORDENADAS 08 49 25,91 N 075 49 34,02 W		
JAN 1	5:42	17:44	JAN 1	6:17	17:55	JAN 1	6:20	17:55
8	5:45	17:47	8	6:19	17:58	8	6:22	17:58
15	5:47	17:50	15	6:20	18:02	15	6:23	18:02
22	5:48	17:52	22	6:21	18:05	22	6:23	18:05
29	5:49	17:54	29	6:21	18:07	29	6:23	18:08
FEB 5	5:49	17:55	FEB 5	6:20	18:09	FEB 5	6:23	18:10
12	5:49	17:55	12	6:19	18:11	12	6:22	18:11
19	5:49	17:54	19	6:18	18:12	19	6:20	18:13
26	5:48	17:53	26	6:15	18:12	26	6:17	18:13
MAR 5	5:46	17:51	MAR 5	6:12	18:12	MAR 5	6:14	18:13
12	5:45	17:49	12	6:09	18:12	12	6:11	18:13
19	5:43	17:47	19	6:05	18:11	19	6:07	18:13
26	5:40	17:45	26	6:02	18:10	26	6:03	18:12
APR 2	5:38	17:43	APR 2	5:58	18:10	APR 2	5:59	18:12
9	5:36	17:42	9	5:55	18:10	9	5:56	18:12
16	5:34	17:40	16	5:51	18:10	16	5:52	18:12
23	5:32	17:39	23	5:48	18:10	23	5:49	18:12
30	5:31	17:39	30	5:46	18:10	30	5:47	18:12
MAY 7	5:30	17:39	MAY 7	5:44	18:10	MAY 7	5:45	18:13
14	5:30	17:39	14	5:43	18:11	14	5:43	18:14
21	5:31	17:39	21	5:42	18:13	21	5:42	18:16
28	5:32	17:40	28	5:42	18:14	28	5:42	18:17
JUN 4	5:33	17:41	JUN 4	5:43	18:16	JUN 4	5:43	18:19
11	5:34	17:42	11	5:44	18:18	11	5:44	18:21
18	5:40	17:44	18	5:46	18:19	18	5:46	18:22
25	5:41	17:45	25	5:51	18:21	25	5:51	18:24
JUL 2	5:42	17:47	JUL 2	5:53	18:22	JUL 2	5:53	18:25
9	5:43	17:48	9	5:54	18:23	9	5:55	18:26
16	5:44	17:48	16	5:56	18:22	16	5:56	18:25
23	5:44	17:49	23	5:57	18:21	23	5:57	18:24
30	5:44	17:48	30	5:57	18:20	30	5:58	18:22

AUG	6	5:44	17:47	AUG	6	5:58	18:17	AUG	6	5:58	18:20
	13	5:43	17:45		13	5:58	18:15		13	5:58	18:17
	20	5:41	17:43		20	5:58	18:11		20	5:58	18:14
	27	5:40	17:41		27	5:57	18:08		27	5:58	18:10
SEP	3	5:38	17:39	SEP	3	5:56	18:04	SEP	3	5:58	18:06
	10	5:35	17:36		10	5:56	18:00		10	5:57	18:02
	17	5:33	17:33		17	5:55	17:56		17	5:56	17:58
	24	5:27	17:31		24	5:50	17:52		24	5:51	17:54
OCT	1	5:25	17:29	OCT	1	5:49	17:48	OCT	1	5:51	17:50
	8	5:23	17:27		8	5:48	17:45		8	5:50	17:46
	15	5:21	17:25		15	5:48	17:42		15	5:50	17:43
	22	5:20	17:24		22	5:49	17:40		22	5:51	17:41
	29	5:19	17:24		29	5:50	17:39		29	5:52	17:39
NOV	5	5:19	17:24	NOV	5	5:51	17:38	NOV	5	5:54	17:39
	12	5:21	17:25		12	5:54	17:38		12	5:56	17:38
	19	5:22	17:26		19	5:56	17:38		19	5:59	17:39
	26	5:25	17:28		26	6:00	17:39		26	6:03	17:40
DEC	3	5:28	17:30	DEC	3	6:03	17:41	DEC	3	6:06	17:41
	10	5:31	17:33		10	6:07	17:44		10	6:10	17:44
	17	5:35	17:37		17	6:10	17:47		17	6:13	17:47
	24	5:38	17:40		24	6:13	17:50		24	6:16	17:50
	30	5:39	17:44		30	6:14	17:54		30	6:17	17:54

NOMBRE: MURINDO
INDICADOR: SKUQ
COORDENADAS 06 58 54,3 N 076 48 50,5 W

NOMBRE: NECOCLI
INDICADOR: SKNC
COORDENADAS 08 27 00 N 076 47 00 W

NOMBRE: NEIVA
INDICADOR: SKNV
COORDENADAS 02 56 59,59 N 075 17 38,82 W

FECHA	SR	SS	FECHA	SR	SS	FECHA	SR	SS			
JAN	1	6:21	18:02	JAN	1	6:23	17:59	JAN	1	6:08	18:03
	8	6:23	18:05		8	6:25	18:03		8	6:10	18:06
	15	6:24	18:09		15	6:26	18:06		15	6:12	18:09
	22	6:25	18:12		22	6:27	18:09		22	6:14	18:11
	29	6:25	18:14		29	6:27	18:12		29	6:14	18:13
FEB	5	6:25	18:16	FEB	5	6:26	18:14	FEB	5	6:14	18:14
	12	6:24	18:17		12	6:25	18:16		12	6:14	18:15
	19	6:22	18:18		19	6:23	18:17		19	6:13	18:15
	26	6:20	18:18		26	6:21	18:17		26	6:12	18:14
MAR	5	6:17	18:18	MAR	5	6:18	18:17	MAR	5	6:10	18:13
	12	6:14	18:17		12	6:14	18:17		12	6:07	18:11
	19	6:11	18:16		19	6:11	18:16		19	6:05	18:10
	26	6:08	18:16		26	6:07	18:16		26	6:02	18:08
APR	2	6:04	18:15	APR	2	6:03	18:16	APR	2	5:59	18:07
	9	6:01	18:14		9	6:00	18:15		9	5:57	18:05
	16	5:58	18:14		16	5:56	18:15		16	5:55	18:05
	23	5:55	18:14		23	5:53	18:15		23	5:52	18:04

	30	5:53	18:14		30	5:51	18:16		30	5:51	18:04
MAY	7	5:51	18:15	MAY	7	5:49	18:16	MAY	7	5:50	18:04
	14	5:50	18:16		14	5:47	18:17		14	5:49	18:04
	21	5:49	18:17		21	5:47	18:19		21	5:49	18:05
	28	5:49	18:18		28	5:47	18:20		28	5:50	18:06
JUN	4	5:50	18:20	JUN	4	5:47	18:22	JUN	4	5:51	18:07
	11	5:51	18:21		11	5:49	18:24		11	5:52	18:08
	18	5:53	18:23		18	5:50	18:26		18	5:58	18:10
	25	5:58	18:25		25	5:56	18:27		25	5:59	18:12
JUL	2	6:00	18:26	JUL	2	5:57	18:28	JUL	2	6:01	18:13
	9	6:02	18:27		9	5:59	18:29		9	6:02	18:14
	16	6:03	18:26		16	6:00	18:29		16	6:03	18:14
	23	6:04	18:26		23	6:01	18:27		23	6:03	18:14
	30	6:04	18:24		30	6:02	18:26		30	6:03	18:13
AUG	6	6:04	18:22	AUG	6	6:03	18:23	AUG	6	6:03	18:12
	13	6:04	18:19		13	6:03	18:21		13	6:02	18:10
	20	6:04	18:16		20	6:03	18:17		20	6:02	18:07
	27	6:03	18:13		27	6:02	18:13		27	6:00	18:05
SEP	3	6:03	18:09	SEP	3	6:02	18:10	SEP	3	5:59	18:02
	10	6:01	18:05		10	6:01	18:05		10	5:57	17:59
	17	6:00	18:02		17	6:00	18:01		17	5:55	17:56
	24	5:55	17:58		24	5:55	17:57		24	5:49	17:53
OCT	1	5:54	17:54	OCT	1	5:54	17:54	OCT	1	5:47	17:50
	8	5:53	17:51		8	5:54	17:50		8	5:46	17:48
	15	5:53	17:49		15	5:54	17:47		15	5:44	17:46
	22	5:53	17:47		22	5:54	17:45		22	5:44	17:44
	29	5:54	17:45		29	5:56	17:44		29	5:44	17:44
NOV	5	5:56	17:45	NOV	5	5:57	17:43	NOV	5	5:44	17:44
	12	5:58	17:45		12	6:00	17:43		12	5:46	17:44
	19	6:00	17:45		19	6:02	17:43		19	5:48	17:45
	26	6:03	17:46		26	6:06	17:44		26	5:51	17:47
DEC	3	6:07	17:48	DEC	3	6:09	17:46	DEC	3	5:54	17:49
	10	6:10	17:51		10	6:13	17:48		10	5:57	17:52
	17	6:14	17:54		17	6:16	17:51		17	6:01	17:55
	24	6:17	17:57		24	6:20	17:55		24	6:04	17:58
	30	6:18	18:01		30	6:20	17:58		30	6:05	18:02
NOMBRE:	NUQUI			NOMBRE:	OCAÑA			NOMBRE:	OROCUE		
INDICADOR:	SKNQ			INDICADOR:	SKOC			INDICADOR:	SKOE		
COORDENADAS	05 42 34,23 N 077 15 45,76 W			COORDENADAS	08 18 56,14 N 073 21 29,88 W			COORDENADAS	04 47 32 N 071 21 23 W		
FECHA	SR	SS		FECHA	SR	SS		FECHA	SR	SS	
JAN	1	6:20	18:06	JAN	1	6:09	17:46	JAN	1	5:55	17:44
	8	6:23	18:09		8	6:11	17:49		8	5:57	17:47

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

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

AUG	6	5:56	18:14	AUG	6	6:13	18:18	AUG	6	5:46	18:01
	13	5:56	18:11		13	6:12	18:16		13	5:46	17:59
	20	5:56	18:08		20	6:11	18:14		20	5:45	17:56
	27	5:55	18:04		27	6:09	18:12		27	5:44	17:52
SEP	3	5:54	18:01	SEP	3	6:07	18:09	SEP	3	5:43	17:49
	10	5:53	17:57		10	6:05	18:06		10	5:42	17:45
	17	5:52	17:53		17	6:03	18:04		17	5:41	17:42
	24	5:47	17:49		24	5:57	18:01		24	5:35	17:38
OCT	1	5:46	17:46	OCT	1	5:55	17:58	OCT	1	5:34	17:35
	8	5:45	17:43		8	5:53	17:56		8	5:33	17:32
	15	5:45	17:40		15	5:51	17:55		15	5:33	17:30
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	29	5:46	17:37		29	5:50	17:54		29	5:33	17:27
NOV	5	5:47	17:36	NOV	5	5:50	17:54	NOV	5	5:35	17:27
	12	5:49	17:36		12	5:52	17:54		12	5:36	17:27
	19	5:52	17:37		19	5:54	17:55		19	5:39	17:27
	26	5:55	17:38		26	5:56	17:57		26	5:42	17:28
DEC	3	5:58	17:40	DEC	3	5:59	17:59	DEC	3	5:45	17:30
	10	6:02	17:42		10	6:03	18:02		10	5:49	17:33
	17	6:06	17:46		17	6:06	18:06		17	5:52	17:36
	24	6:09	17:49		24	6:09	18:09		24	5:56	17:40
	30	6:10	17:53		30	6:10	18:12		30	5:56	17:43

NOMBRE: PEREIRA
INDICADOR: SKPE
COORDENADAS 04 48 47,17 N 075 44
17,35 W

NOMBRE: PITALITO
INDICADOR: SKPI
COORDENADAS 01 51 26,28 N 076 05
08,27 W

NOMBRE: PIZARRO
INDICADOR: SQZJ
COORDENADAS 04 57 38,8 N
077 21 47,7 W

FECHA	SR	SS	FECHA	SR	SS	FECHA	SR	SS			
JAN	1	6:13	18:01	JAN	1	6:09	18:07	JAN	1	6:19	18:07
	8	6:15	18:05		8	6:12	18:11		8	6:22	18:11
	15	6:17	18:08		15	6:14	18:13		15	6:24	18:14
	22	6:18	18:10		22	6:15	18:16		22	6:24	18:17
	29	6:18	18:12		29	6:16	18:17		29	6:25	18:19
FEB	5	6:18	18:14	FEB	5	6:16	18:18	FEB	5	6:25	18:20
	12	6:17	18:15		12	6:16	18:19		12	6:24	18:21
	19	6:16	18:15		19	6:15	18:18		19	6:23	18:22
	26	6:14	18:15		26	6:14	18:17		26	6:21	18:21
MAR	5	6:12	18:14	MAR	5	6:12	18:16	MAR	5	6:19	18:20
	12	6:09	18:13		12	6:10	18:14		12	6:16	18:19
	19	6:07	18:12		19	6:08	18:13		19	6:13	18:18
	26	6:04	18:11		26	6:05	18:11		26	6:10	18:17
APR	2	6:01	18:09	APR	2	6:03	18:09	APR	2	6:07	18:16
	9	5:58	18:09		9	6:00	18:08		9	6:04	18:15
	16	5:55	18:08		16	5:58	18:07		16	6:01	18:15

	23	5:53	18:08		23	5:56	18:06		23	5:59	18:14
	30	5:51	18:08		30	5:55	18:05		30	5:57	18:14
MAY	7	5:49	18:08	MAY	7	5:54	18:05	MAY	7	5:55	18:14
	14	5:48	18:08		14	5:53	18:05		14	5:55	18:15
	21	5:48	18:09		21	5:54	18:06		21	5:54	18:16
	28	5:49	18:10		28	5:55	18:07		28	5:55	18:17
JUN	4	5:50	18:12	JUN	4	5:56	18:08	JUN	4	5:56	18:19
	11	5:51	18:13		11	5:57	18:10		11	5:57	18:20
	18	5:56	18:15		18	6:03	18:11		18	6:03	18:22
	25	5:58	18:16		25	6:04	18:13		25	6:04	18:23
JUL	2	5:59	18:18	JUL	2	6:05	18:14	JUL	2	6:06	18:25
	9	6:01	18:19		9	6:07	18:15		9	6:07	18:25
	16	6:02	18:19		16	6:07	18:16		16	6:08	18:26
	23	6:02	18:18		23	6:08	18:16		23	6:09	18:25
	30	6:03	18:17		30	6:08	18:15		30	6:09	18:24
AUG	6	6:03	18:15	AUG	6	6:07	18:13	AUG	6	6:09	18:22
	13	6:02	18:13		13	6:07	18:12		13	6:09	18:20
	20	6:02	18:10		20	6:05	18:09		20	6:08	18:17
	27	6:01	18:07		27	6:04	18:07		27	6:07	18:14
SEP	3	5:59	18:04	SEP	3	6:02	18:04	SEP	3	6:06	18:11
	10	5:58	18:01		10	6:00	18:01		10	6:04	18:07
	17	5:56	17:57		17	5:58	17:59		17	6:03	18:04
	24	5:51	17:54		24	5:52	17:56		24	5:57	18:00
OCT	1	5:49	17:51	OCT	1	5:50	17:53	OCT	1	5:56	17:57
	8	5:48	17:48		8	5:48	17:51		8	5:55	17:55
	15	5:47	17:46		15	5:47	17:50		15	5:54	17:52
	22	5:47	17:44		22	5:46	17:48		22	5:54	17:51
	29	5:47	17:43		29	5:45	17:48		29	5:54	17:50
NOV	5	5:49	17:43	NOV	5	5:46	17:48	NOV	5	5:55	17:50
	12	5:50	17:43		12	5:48	17:48		12	5:57	17:50
	19	5:53	17:44		19	5:50	17:49		19	5:59	17:50
	26	5:56	17:45		26	5:52	17:51		26	6:02	17:52
DEC	3	5:59	17:48	DEC	3	5:55	17:54	DEC	3	6:06	17:54
	10	6:02	17:50		10	5:58	17:57		10	6:09	17:57
	17	6:06	17:53		17	6:02	18:00		17	6:13	18:00
	24	6:09	17:57		24	6:05	18:03		24	6:16	18:03
	30	6:10	18:00		30	6:06	18:07		30	6:17	18:07
NOMBRE:	PLATO			NOMBRE:	POPAYAN			NOMBRE:	PROVIDENCIA		
INDICADOR:	SKPL			INDICADOR:	SKPP			INDICADOR:	SKPV		
COORDENADAS	09 48 04,19 N 074 47 11,33 W			COORDENADAS	02 27 15,29 N 076 36 35,47 W			COORDENADAS	13 21 25,79 N 081 21 28,53 W		
FECHA	SR	SS		FECHA	SR	SS		FECHA	SR	SS	
JAN	1	6:17	17:49	JAN	1	6:12	18:09	JAN	1	6:49	18:09

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

	12	5:54	17:33		12	5:51	17:50		12	6:25	17:54
	19	5:57	17:33		19	5:53	17:51		19	6:28	17:54
	26	6:00	17:34		26	5:55	17:53		26	6:32	17:54
DEC	3	6:04	17:35	DEC	3	5:58	17:55	DEC	3	6:36	17:56
	10	6:07	17:38		10	6:02	17:58		10	6:40	17:58
	17	6:11	17:41		17	6:05	18:01		17	6:43	18:01
	24	6:14	17:44		24	6:09	18:05		24	6:47	18:04
	30	6:15	17:48		30	6:10	18:08		30	6:47	18:08
NOMBRE:	PUERTO ASIS			NOMBRE:	PUERTO BERRIO			NOMBRE:	PUERTO BOLIVAR		
INDICADOR:	SKAS			INDICADOR:	SKPR			INDICADOR:	SKPB		
COORDENADAS	00 30 20,55 N 076 30 03 W			COORDENADAS	06 27 35,77 N 074 24 38,31 W			COORDENADAS	12 13 18 N 071 59 03 W		
FECHA		SR	SS	FECHA		SR	SS	FECHA		SR	SS
JAN	1	6:09	18:12	JAN	1	6:10	17:53	JAN	1	6:10	17:33
	8	6:11	18:15		8	6:12	17:57		8	6:12	17:37
	15	6:14	18:17		15	6:14	18:00		15	6:13	17:41
	22	6:15	18:19		22	6:15	18:03		22	6:13	17:45
	29	6:16	18:21		29	6:15	18:05		29	6:13	17:48
FEB	5	6:16	18:22	FEB	5	6:15	18:07	FEB	5	6:12	17:50
	12	6:16	18:22		12	6:14	18:08		12	6:10	17:53
	19	6:16	18:21		19	6:12	18:09		19	6:07	17:54
	26	6:15	18:20		26	6:10	18:09		26	6:04	17:56
MAR	5	6:13	18:18	MAR	5	6:08	18:08	MAR	5	6:00	17:57
	12	6:12	18:16		12	6:05	18:08		12	5:56	17:57
	19	6:10	18:14		19	6:01	18:07		19	5:52	17:58
	26	6:07	18:12		26	5:58	18:06		26	5:47	17:58
APR	2	6:05	18:10	APR	2	5:55	18:05	APR	2	5:43	17:58
	9	6:03	18:09		9	5:51	18:04		9	5:38	17:59
	16	6:01	18:07		16	5:48	18:04		16	5:34	17:59
	23	5:59	18:06		23	5:46	18:04		23	5:31	18:00
	30	5:58	18:06		30	5:44	18:04		30	5:28	18:01
MAY	7	5:57	18:05	MAY	7	5:42	18:04	MAY	7	5:25	18:02
	14	5:57	18:05		14	5:41	18:05		14	5:23	18:04
	21	5:58	18:06		21	5:40	18:06		21	5:22	18:05
	28	5:59	18:07		28	5:41	18:08		28	5:21	18:07
JUN	4	6:00	18:08	JUN	4	5:41	18:09	JUN	4	5:22	18:09
	11	6:01	18:09		11	5:43	18:11		11	5:23	18:11
	18	6:07	18:11		18	5:44	18:13		18	5:24	18:13
	25	6:08	18:12		25	5:50	18:14		25	5:30	18:15
JUL	2	6:10	18:13	JUL	2	5:51	18:15	JUL	2	5:32	18:16
	9	6:11	18:15		9	5:53	18:16		9	5:34	18:16
	16	6:11	18:15		16	5:54	18:16		16	5:35	18:15
	23	6:11	18:15		23	5:55	18:15		23	5:37	18:14

	30	6:11	18:15		30	5:55	18:14		30	5:38	18:11
AUG	6	6:11	18:14	AUG	6	5:55	18:12	AUG	6	5:39	18:08
	13	6:10	18:12		13	5:55	18:09		13	5:40	18:05
	20	6:08	18:10		20	5:55	18:06		20	5:40	18:01
	27	6:07	18:08		27	5:54	18:03		27	5:40	17:56
SEP	3	6:05	18:06	SEP	3	5:53	17:59	SEP	3	5:40	17:52
	10	6:02	18:03		10	5:52	17:56		10	5:40	17:47
	17	6:00	18:00		17	5:51	17:52		17	5:40	17:42
	24	5:54	17:58		24	5:46	17:48		24	5:36	17:37
OCT	1	5:51	17:56	OCT	1	5:44	17:45	OCT	1	5:36	17:33
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	29	5:46	17:51		29	5:44	17:36		29	5:41	17:20
NOV	5	5:46	17:51	NOV	5	5:45	17:36	NOV	5	5:43	17:19
	12	5:47	17:52		12	5:47	17:36		12	5:46	17:18
	19	5:49	17:53		19	5:50	17:36		19	5:49	17:18
	26	5:52	17:55		26	5:53	17:38		26	5:53	17:19
DEC	3	5:55	17:58	DEC	3	5:56	17:40	DEC	3	5:57	17:20
	10	5:58	18:01		10	6:00	17:42		10	6:00	17:22
	17	6:01	18:04		17	6:03	17:45		17	6:04	17:25
	24	6:05	18:07		24	6:07	17:49		24	6:07	17:29
	30	6:06	18:11		30	6:08	17:52		30	6:08	17:33
NOMBRE:	PUERTO CARREÑO			NOMBRE:	PUERTO INIRIDA			NOMBRE:	PUERTO LEGUIZAMO		
INDICADOR:	SKPC			INDICADOR:	SKPD			INDICADOR:	SKLG		
COORDENADAS	06 11 06,03 N 067 29 32,89 W			COORDENADAS	03 51 12,78 N 067 54 22,62 W			COORDENADAS	00 10 56,20 S 074 46 14,80 W		
FECHA	SR	SS		FECHA	SR	SS		FECHA	SR	SS	
JAN	1	5:42	17:26	JAN	1	5:40	17:31	JAN	1	6:01	18:05
	8	5:44	17:29		8	5:42	17:35		8	6:04	18:08
	15	5:46	17:33		15	5:44	17:38		15	6:06	18:11
	22	5:47	17:35		22	5:45	17:40		22	6:08	18:13
	29	5:47	17:38		29	5:46	17:42		29	6:09	18:14
FEB	5	5:47	17:39	FEB	5	5:46	17:44	FEB	5	6:09	18:15
	12	5:46	17:41		12	5:45	17:44		12	6:09	18:15
	19	5:44	17:41		19	5:44	17:44		19	6:09	18:14
	26	5:42	17:41		26	5:43	17:44		26	6:08	18:13
MAR	5	5:40	17:41	MAR	5	5:40	17:43	MAR	5	6:06	18:11
	12	5:37	17:40		12	5:38	17:42		12	6:04	18:09
	19	5:34	17:39		19	5:35	17:40		19	6:02	18:07
	26	5:30	17:38		26	5:32	17:39		26	6:00	18:05
APR	2	5:27	17:37	APR	2	5:30	17:38	APR	2	5:58	18:03

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

NOMBRE: PUERTO PERALES
INDICADOR: SQPX
COORDENADAS 05 59 37 N 074 34 27 W

NOMBRE: QUIBDO
INDICADOR: SKUI
COORDENADAS 05 41 26,87 N 076 38 28,39 W

NOMBRE: RIOHACHA
INDICADOR: SKRH
COORDENADAS 11 31 34,20 N 072 55 36,06 W

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

	29	5:44	17:38		29	5:52	17:46		29	5:44	17:25
NOV	5	5:45	17:37	NOV	5	5:53	17:46	NOV	5	5:46	17:23
	12	5:47	17:37		12	5:55	17:46		12	5:49	17:23
	19	5:50	17:38		19	5:58	17:46		19	5:52	17:23
	26	5:53	17:39		26	6:01	17:48		26	5:55	17:24
DEC	3	5:56	17:41	DEC	3	6:04	17:50	DEC	3	5:59	17:25
	10	6:00	17:44		10	6:07	17:52		10	6:03	17:27
	17	6:03	17:47		17	6:11	17:56		17	6:06	17:30
	24	6:06	17:50		24	6:14	17:59		24	6:10	17:34
	30	6:07	17:54		30	6:15	18:03		30	6:10	17:38
NOMBRE:	RIONEGRO			NOMBRE:	SAN ANDRES			NOMBRE:	SAN JOSE DEL GUAVIARE		
INDICADOR:	SKRG			INDICADOR:	SKSP			INDICADOR:	SKSJ		
COORDENADAS	06 09 52,06 N 075 25 22,80 W			COORDENADAS	12 35 01,18 N 081 42 40,82 W			COORDENADAS	02 34 46,84 N 072 38 20,85 W		
FECHA	SR	SS		FECHA	SR	SS		FECHA	SR	SS	
JAN	1	6:14	17:58	JAN	1	6:50	18:12	JAN	1	5:57	17:53
	8	6:16	18:01		8	6:51	18:16		8	5:59	17:56
	15	6:17	18:04		15	6:52	18:19		15	6:01	17:59
	22	6:18	18:07		22	6:52	18:23		22	6:02	18:01
	29	6:18	18:09		29	6:52	18:26		29	6:03	18:03
FEB	5	6:18	18:11	FEB	5	6:51	18:29	FEB	5	6:03	18:04
	12	6:18	18:12		12	6:49	18:31		12	6:03	18:05
	19	6:16	18:13		19	6:46	18:33		19	6:02	18:04
	26	6:14	18:13		26	6:43	18:34		26	6:01	18:03
MAR	5	6:11	18:12	MAR	5	6:39	18:35	MAR	5	5:59	18:02
	12	6:09	18:12		12	6:35	18:36		12	5:57	18:01
	19	6:05	18:11		19	6:31	18:37		19	5:54	17:59
	26	6:02	18:10		26	6:26	18:37		26	5:52	17:57
APR	2	5:59	18:09	APR	2	6:22	18:37	APR	2	5:49	17:56
	9	5:56	18:08		9	6:17	18:38		9	5:46	17:55
	16	5:53	18:08		16	6:13	18:38		16	5:44	17:54
	23	5:50	18:08		23	6:09	18:39		23	5:42	17:53
	30	5:48	18:08		30	6:06	18:40		30	5:41	17:53
MAY	7	5:46	18:08	MAY	7	6:03	18:41	MAY	7	5:39	17:53
	14	5:45	18:09		14	6:01	18:43		14	5:39	17:53
	21	5:45	18:10		21	6:00	18:45		21	5:39	17:53
	28	5:45	18:11		28	5:59	18:47		28	5:40	17:54
JUN	4	5:46	18:13	JUN	4	6:00	18:49	JUN	4	5:41	17:56
	11	5:47	18:14		11	6:01	18:51		11	5:42	17:57
	18	5:49	18:16		18	6:02	18:53		18	5:48	17:59
	25	5:54	18:18		25	6:08	18:54		25	5:49	18:00
JUL	2	5:56	18:19	JUL	2	6:10	18:55	JUL	2	5:51	18:02

	9	5:57	18:20		9	6:12	18:55		9	5:52	18:02
	16	5:58	18:20		16	6:14	18:55		16	5:53	18:03
	23	5:59	18:19		23	6:15	18:53		23	5:53	18:03
	30	6:00	18:17		30	6:17	18:51		30	5:53	18:02
AUG	6	6:00	18:15	AUG	6	6:18	18:48	AUG	6	5:53	18:01
	13	6:00	18:13		13	6:18	18:44		13	5:52	17:59
	20	5:59	18:10		20	6:19	18:40		20	5:51	17:56
	27	5:58	18:07		27	6:19	18:36		27	5:50	17:54
SEP	3	5:57	18:03	SEP	3	6:19	18:31	SEP	3	5:48	17:51
	10	5:56	18:00		10	6:19	18:26		10	5:46	17:48
	17	5:55	17:56		17	6:19	18:21		17	5:44	17:45
	24	5:50	17:52		24	6:15	18:16		24	5:38	17:42
OCT	1	5:48	17:49	OCT	1	6:15	18:12	OCT	1	5:36	17:39
	8	5:47	17:46		8	6:16	18:08		8	5:35	17:37
	15	5:47	17:44		15	6:17	18:04		15	5:34	17:35
	22	5:47	17:42		22	6:18	18:01		22	5:33	17:34
	29	5:48	17:41		29	6:20	17:59		29	5:33	17:34
NOV	5	5:49	17:40	NOV	5	6:22	17:57	NOV	5	5:33	17:34
	12	5:51	17:40		12	6:25	17:57		12	5:35	17:34
	19	5:54	17:41		19	6:29	17:57		19	5:37	17:35
	26	5:56	17:42		26	6:32	17:57		26	5:40	17:36
DEC	3	6:00	17:44	DEC	3	6:36	17:59	DEC	3	5:43	17:39
	10	6:03	17:47		10	6:40	18:01		10	5:46	17:42
	17	6:07	17:50		17	6:43	18:04		17	5:49	17:45
	24	6:10	17:53		24	6:47	18:07		24	5:53	17:48
	30	6:11	17:57		30	6:47	18:11		30	5:54	17:52
NOMBRE:	SAN JUAN DEL CESAR			NOMBRE:	SAN MARTIN			NOMBRE:	SAN PEDRO DE URABA		
INDICADOR:	SKNJ			INDICADOR:	SQSA			INDICADOR:	SQNQ		
COORDENADAS	10 44 31 N 072 59 28 W			COORDENADAS	03 42 08,26 N 073 41 17,01 W			COORDENADAS	08 17 23,34 N 076 22 29,21 W		
FECHA	SR	SS		FECHA	SR	SS		FECHA	SR	SS	
JAN	1	6:12	17:40	JAN	1	6:03	17:55	JAN	1	6:21	17:58
	8	6:13	17:44		8	6:05	17:58		8	6:23	18:01
	15	6:14	17:47		15	6:07	18:01		15	6:24	18:05
	22	6:15	17:51		22	6:08	18:04		22	6:25	18:08
	29	6:15	17:54		29	6:09	18:06		29	6:25	18:10
FEB	5	6:14	17:56	FEB	5	6:09	18:07	FEB	5	6:25	18:13
	12	6:12	17:58		12	6:08	18:08		12	6:23	18:14
	19	6:10	18:00		19	6:07	18:08		19	6:22	18:15
	26	6:07	18:01		26	6:06	18:07		26	6:19	18:16
MAR	5	6:04	18:01	MAR	5	6:03	18:06	MAR	5	6:16	18:16
	12	6:00	18:02		12	6:01	18:05		12	6:13	18:15
	19	5:56	18:02		19	5:58	18:03		19	6:09	18:15

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

NOMBRE: SAN VICENTE DEL CAGUAN
INDICADOR: SKSV

NOMBRE: SANTA MARTA
INDICADOR: SKSM

NOMBRE: SANTA ROSALIA
INDICADOR: SKSL

COORDENADAS 02 09 07,26 N 074 45
58,24 W

COORDENADAS 11 07 10,88 N 074 13
50,30 W

COORDENADAS 05 08 01,44 N
070 52 18,32 W

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

	8	5:43	17:46		8	5:45	17:39		8	5:28	17:28
	15	5:42	17:44		15	5:46	17:35		15	5:27	17:26
	22	5:41	17:43		22	5:47	17:32		22	5:27	17:24
	29	5:41	17:43		29	5:48	17:30		29	5:28	17:23
NOV	5	5:41	17:43	NOV	5	5:51	17:29	NOV	5	5:29	17:23
	12	5:43	17:43		12	5:53	17:29		12	5:31	17:23
	19	5:45	17:44		19	5:56	17:29		19	5:33	17:23
	26	5:47	17:46		26	6:00	17:30		26	5:36	17:25
DEC	3	5:50	17:48	DEC	3	6:04	17:31	DEC	3	5:39	17:27
	10	5:54	17:51		10	6:07	17:33		10	5:43	17:29
	17	5:57	17:54		17	6:11	17:36		17	5:46	17:33
	24	6:01	17:58		24	6:14	17:40		24	5:50	17:36
	30	6:02	18:01		30	6:15	17:44		30	5:51	17:40
NOMBRE:	SANTA ROSALIA			NOMBRE:	SARAVENA			NOMBRE:	TABLON DE TAMARA		
INDICADOR:	SKSL			INDICADOR:	SKSA			INDICADOR:	SQUJ		
COORDENADAS	05 08 01,44 N 070 52 18,32 W			COORDENADAS	06 57 01,32 N 071 51 22,33 W			COORDENADAS	05 43 36 N 072 06 02 W		
FECHA	SR	SS		FECHA	SR	SS		FECHA	SR	SS	
JAN	1	5:53	17:40	JAN	1	6:01	17:42	JAN	1	6:00	17:45
	8	5:55	17:44		8	6:03	17:45		8	6:02	17:48
	15	5:57	17:47		15	6:04	17:49		15	6:04	17:52
	22	5:58	17:49		22	6:05	17:52		22	6:04	17:54
	29	5:58	17:52		29	6:05	17:54		29	6:05	17:57
FEB	5	5:58	17:54	FEB	5	6:05	17:56	FEB	5	6:05	17:58
	12	5:56	17:55		12	6:04	17:57		12	6:04	17:59
	19	5:54	17:54		19	6:02	17:58		19	6:02	18:00
	26	5:52	17:54		26	6:00	17:58		26	6:00	18:00
MAR	5	5:46	17:52	MAR	5	5:58	17:58	MAR	5	5:58	17:59
	12	5:43	17:50		12	5:54	17:57		12	5:55	17:58
	19	5:40	17:49		19	5:51	17:57		19	5:52	17:57
	26	5:37	17:49		26	5:48	17:56		26	5:49	17:56
APR	2	5:32	17:48	APR	2	5:44	17:55	APR	2	5:46	17:55
	9	5:30	17:48		9	5:41	17:55		9	5:43	17:55
	16	5:28	17:48		16	5:38	17:54		16	5:40	17:54
	23	5:27	17:49		23	5:35	17:54		23	5:37	17:54
	30	5:27	17:50		30	5:33	17:54		30	5:35	17:54
MAY	7	5:29	17:52	MAY	7	5:31	17:55	MAY	7	5:33	17:54
	14	5:30	17:54		14	5:30	17:56		14	5:32	17:55
	21	5:31	17:56		21	5:29	17:57		21	5:32	17:56
	28	5:37	17:57		28	5:29	17:58		28	5:32	17:57
JUN	4	5:40	17:59	JUN	4	5:30	18:00	JUN	4	5:33	17:59
	11	5:41	17:59		11	5:32	18:02		11	5:35	18:00
	18	5:42	17:59		18	5:33	18:03		18	5:36	18:02

	25	5:42	17:57		25	5:39	18:05		25	5:42	18:04
JUL	2	5:42	17:53	JUL	2	5:40	18:06	JUL	2	5:43	18:05
	9	5:41	17:50		9	5:42	18:07		9	5:45	18:06
	16	5:40	17:47		16	5:43	18:07		16	5:46	18:06
	23	5:39	17:44		23	5:44	18:06		23	5:46	18:05
	30	5:38	17:41		30	5:44	18:04		30	5:47	18:04
AUG	6	5:31	17:34	AUG	6	5:44	18:02	AUG	6	5:47	18:02
	13	5:29	17:31		13	5:44	17:59		13	5:47	17:59
	20	5:28	17:28		20	5:44	17:56		20	5:46	17:56
	27	5:27	17:26		27	5:44	17:53		27	5:45	17:53
SEP	3	5:28	17:23	SEP	3	5:43	17:49	SEP	3	5:44	17:50
	10	5:29	17:23		10	5:42	17:45		10	5:43	17:46
	17	5:31	17:23		17	5:40	17:42		17	5:42	17:43
	24	5:33	17:23		24	5:35	17:38		24	5:36	17:39
OCT	1	5:39	17:27	OCT	1	5:34	17:35	OCT	1	5:35	17:36
	8	5:43	17:29		8	5:34	17:31		8	5:34	17:33
	15	5:46	17:33		15	5:33	17:29		15	5:33	17:31
	22	5:50	17:36		22	5:33	17:27		22	5:33	17:29
	29	5:51	17:40		29	5:34	17:26		29	5:34	17:28
NOV	5	6:03	17:45	NOV	5	5:36	17:25	NOV	5	5:35	17:28
	12	6:04	17:49		12	5:38	17:25		12	5:37	17:28
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	26	6:05	17:54		26	5:44	17:27		26	5:43	17:29
DEC	3	6:04	17:57	DEC	3	5:47	17:28	DEC	3	5:46	17:31
	10	6:02	17:58		10	5:50	17:31		10	5:49	17:34
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	24	5:58	17:58		24	5:57	17:38		24	5:56	17:41
	30	5:54	17:57		30	5:58	17:41		30	5:57	17:44

NOMBRE: TAME
INDICADOR: SKTM
COORDENADAS 06 27 03,62 N 071 45
36,18 W

NOMBRE: TARAIRA
INDICADOR: SKTR
COORDENADAS 00 34 04,45 S 069 38
17,25 W

NOMBRE: TERESITA
INDICADOR: SQIK
COORDENADAS 00 44 17 N 069
28 17 W

FECHA	SR	SS	FECHA	SR	SS	FECHA	SR	SS			
JAN	1	5:59	17:42	JAN	1	5:41	17:44	JAN	1	5:41	17:43
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	29	6:04	17:54		29	5:49	17:53		29	5:48	17:53
FEB	5	6:04	17:56	FEB	5	5:49	17:54	FEB	5	5:48	17:53
	12	6:03	17:57		12	5:49	17:54		12	5:48	17:53
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	26	6:00	17:58		26	5:47	17:52		26	5:47	17:51
MAR	5	5:57	17:58	MAR	5	5:46	17:51	MAR	5	5:45	17:50

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

INDICADOR: SKTB
COORDENADAS 08 37 51,20 N 072 43
50,50 W

INDICADOR: SKMB
COORDENADAS 02 46 42,80 N 077 40
04,90 W

INDICADOR: SKTE
COORDENADAS 00 14 03 N 070
10 08 W

FECHA

FECHA

FECHA

JAN 1 6:07 17:43
8 6:09 17:46
15 6:10 17:50
22 6:11 17:53
29 6:11 17:55

JAN 1 6:17 18:12
8 6:20 18:16
15 6:22 18:19
22 6:23 18:21
29 6:23 18:23

JAN 1 5:43 17:47
8 5:46 17:50
15 5:48 17:52
22 5:49 17:55
29 5:50 17:56

FEB 5 6:10 17:58
12 6:09 17:59
19 6:07 18:00
26 6:05 18:01

FEB 5 6:23 18:24
12 6:23 18:25
19 6:22 18:24
26 6:21 18:23

FEB 5 5:51 17:57
12 5:51 17:57
19 5:50 17:56
26 5:49 17:54

MAR 5 6:02 18:01
12 5:58 18:01
19 5:55 18:00
26 5:51 18:00

MAR 5 6:19 18:22
12 6:17 18:21
19 6:14 18:19
26 6:12 18:18

MAR 5 5:48 17:53
12 5:46 17:51
19 5:44 17:49
26 5:42 17:47

APR 2 5:47 18:00
9 5:43 17:59
16 5:40 17:59
23 5:37 17:59
30 5:34 18:00

APR 2 6:09 18:16
9 6:06 18:15
16 6:04 18:14
23 6:02 18:13
30 6:01 18:13

APR 2 5:40 17:45
9 5:38 17:43
16 5:36 17:42
23 5:34 17:41
30 5:33 17:40

MAY 7 5:32 18:00
14 5:31 18:02
21 5:30 18:03
28 5:30 18:04

MAY 7 5:59 18:13
14 5:59 18:13
21 5:59 18:14
28 6:00 18:15

MAY 7 5:32 17:40
14 5:32 17:40
21 5:33 17:40
28 5:34 17:41

JUN 4 5:31 18:06
11 5:32 18:08
18 5:34 18:10
25 5:39 18:11

JUN 4 6:01 18:16
11 6:02 18:18
18 6:08 18:19
25 6:09 18:21

JUN 4 5:35 17:42
11 5:37 17:43
18 5:42 17:45
25 5:43 17:46

JUL 2 5:41 18:12
9 5:43 18:13
16 5:44 18:13
23 5:45 18:11
30 5:46 18:10

JUL 2 6:10 18:22
9 6:12 18:23
16 6:12 18:23
23 6:13 18:23
30 6:13 18:22

JUL 2 5:45 17:48
9 5:46 17:49
16 5:46 17:50
23 5:46 17:50
30 5:46 17:49

AUG 6 5:46 18:07
13 5:46 18:04
20 5:46 18:01
27 5:46 17:57

AUG 6 6:13 18:21
13 6:12 18:19
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27 6:10 18:14

AUG 6 5:46 17:48
13 5:45 17:47
20 5:43 17:45
27 5:42 17:43

SEP 3 5:45 17:53
10 5:45 17:49
17 5:44 17:45
24 5:39 17:41

SEP 3 6:08 18:11
10 6:06 18:08
17 6:04 18:05
24 5:58 18:02

SEP 3 5:40 17:40
10 5:37 17:38
17 5:35 17:35
24 5:28 17:33

OCT	1	5:38	17:37	OCT	1	5:57	17:59	OCT	1	5:26	17:31
	8	5:38	17:34		8	5:55	17:57		8	5:24	17:29
	15	5:38	17:31		15	5:54	17:55		15	5:22	17:27
	22	5:38	17:29		22	5:53	17:54		22	5:21	17:27
	29	5:40	17:27		29	5:53	17:54		29	5:20	17:26
NOV	5	5:41	17:26	NOV	5	5:54	17:53	NOV	5	5:21	17:26
	12	5:44	17:26		12	5:55	17:54		12	5:22	17:27
	19	5:47	17:26		19	5:57	17:55		19	5:23	17:28
	26	5:50	17:27		26	6:00	17:56		26	5:26	17:30
DEC	3	5:53	17:29	DEC	3	6:03	17:59	DEC	3	5:29	17:33
	10	5:57	17:32		10	6:06	18:01		10	5:32	17:36
	17	6:00	17:35		17	6:10	18:05		17	5:36	17:39
	24	6:04	17:38		24	6:13	18:08		24	5:39	17:43
	30	6:05	17:42		30	6:14	18:12		30	5:40	17:46

NOMBRE: TOLU
INDICADOR: SKTL
COORDENADAS 09 30 34,30 N 075 35
09,10 W

NOMBRE: TRINIDAD
INDICADOR: SKTD
COORDENADAS 05 25 50,08 N 071 39
30,44 W

NOMBRE: TULUA
INDICADOR: SKUL
COORDENADAS 04 05 40,16 N
076 13 26,10 W

FECHA

FECHA

FECHA

JAN	1	6:20	17:52	JAN	1	5:57	17:44	JAN	1	6:13	18:04
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	22	6:23	18:03		22	6:02	17:53		22	6:19	18:13
	29	6:23	18:06		29	6:02	17:55		29	6:19	18:15
FEB	5	6:23	18:08	FEB	5	6:02	17:57	FEB	5	6:19	18:17
	12	6:21	18:10		12	6:02	17:58		12	6:19	18:18
	19	6:19	18:11		19	6:00	17:58		19	6:18	18:18
	26	6:17	18:12		26	5:58	17:58		26	6:16	18:17
MAR	5	6:14	18:12	MAR	5	5:56	17:57	MAR	5	6:14	18:16
	12	6:10	18:12		12	5:53	17:57		12	6:11	18:15
	19	6:06	18:12		19	5:50	17:55		19	6:09	18:14
	26	6:02	18:12		26	5:47	17:54		26	6:06	18:12
APR	2	5:58	18:11	APR	2	5:44	17:53	APR	2	6:03	18:11
	9	5:54	18:11		9	5:41	17:53		9	6:00	18:10
	16	5:51	18:11		16	5:38	17:52		16	5:57	18:09
	23	5:48	18:12		23	5:36	17:52		23	5:55	18:09
	30	5:45	18:12		30	5:34	17:52		30	5:53	18:09
MAY	7	5:43	18:13	MAY	7	5:32	17:52	MAY	7	5:52	18:09
	14	5:41	18:14		14	5:31	17:53		14	5:51	18:09
	21	5:40	18:16		21	5:31	17:54		21	5:51	18:10
	28	5:40	18:17		28	5:31	17:55		28	5:52	18:11
JUN	4	5:41	18:19	JUN	4	5:32	17:56	JUN	4	5:53	18:13
	11	5:42	18:21		11	5:33	17:58		11	5:54	18:14
	18	5:43	18:23		18	5:35	18:00		18	6:00	18:16

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

NOMBRE: TUMACO
INDICADOR: SKCO
COORDENADAS 01 48 51,81 N 078 44
56,56 W

NOMBRE: TURBO
INDICADOR: SKTU
COORDENADAS 08 04 28,16 N 076 44
27,73 W

NOMBRE: URRAO
INDICADOR: SKUR
COORDENADAS 06 19 38,31 N
076 08 27,37 W

FECHA

FECHA

FECHA

JAN	1	6:20	18:18	JAN	1	6:22	18:00	JAN	1	6:17	18:00
	8	6:22	18:21		8	6:24	18:03		8	6:19	18:04
	15	6:24	18:24		15	6:25	18:07		15	6:21	18:07
	22	6:26	18:27		22	6:26	18:10		22	6:21	18:10
	29	6:27	18:28		29	6:26	18:12		29	6:21	18:12
FEB	5	6:27	18:29	FEB	5	6:26	18:14	FEB	5	6:21	18:14
	12	6:27	18:30		12	6:25	18:16		12	6:21	18:15
	19	6:26	18:29		19	6:23	18:17		19	6:19	18:16
	26	6:25	18:28		26	6:20	18:17		26	6:17	18:16
MAR	5	6:23	18:27	MAR	5	6:18	18:17	MAR	5	6:14	18:15

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

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

	24	5:41	17:43		24	5:55	17:58		24	5:40	17:42
OCT	1	5:41	17:39	OCT	1	5:54	17:55	OCT	1	5:40	17:38
	8	5:41	17:35		8	5:54	17:52		8	5:40	17:34
	15	5:41	17:32		15	5:53	17:49		15	5:40	17:31
	22	5:42	17:29		22	5:53	17:47		22	5:41	17:28
	29	5:44	17:27		29	5:54	17:46		29	5:43	17:26
NOV	5	5:46	17:26	NOV	5	5:55	17:46	NOV	5	5:45	17:25
	12	5:48	17:26		12	5:57	17:46		12	5:48	17:25
	19	5:51	17:26		19	6:00	17:46		19	5:51	17:25
	26	5:55	17:27		26	6:03	17:47		26	5:54	17:26
DEC	3	5:58	17:28	DEC	3	6:06	17:49	DEC	3	5:58	17:27
	10	6:02	17:31		10	6:10	17:52		10	6:02	17:29
	17	6:06	17:34		17	6:13	17:55		17	6:05	17:32
	24	6:09	17:37		24	6:17	17:58		24	6:08	17:36
	30	6:10	17:41		30	6:18	18:02		30	6:09	17:40

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

NOMBRE:
INDICADOR:
COORDENADAS:

FECHA

FECHA

FECHA

JAN	1	6:03	17:54
	8	6:06	17:57
	15	6:07	18:00
	22	6:08	18:03
	29	6:09	18:05
FEB	5	6:09	18:06
	12	6:08	18:07
	19	6:07	18:07
	26	6:06	18:07
MAR	5	6:03	18:06
	12	6:01	18:04
	19	5:58	18:03
	26	5:55	18:02
APR	2	5:52	18:01
	9	5:49	18:00
	16	5:47	17:59
	23	5:45	17:58
	30	5:43	17:58
MAY	7	5:41	17:58
	14	5:41	17:59
	21	5:41	18:00
	28	5:41	18:01
JUN	4	5:42	18:02

JAN	1	6:06	17:48
	8	6:08	17:51
	15	6:10	17:55
	22	6:10	17:58
	29	6:11	18:00
FEB	5	6:10	18:02
	12	6:09	18:03
	19	6:08	18:04
	26	6:06	18:04
MAR	5	6:03	18:04
	12	6:00	18:03
	19	5:57	18:02
	26	5:53	18:01
APR	2	5:50	18:01
	9	5:47	18:00
	16	5:44	18:00
	23	5:41	18:00
	30	5:39	18:00
MAY	7	5:37	18:00
	14	5:36	18:01
	21	5:35	18:02
	28	5:35	18:04
JUN	4	5:36	18:05

JAN	1
	8
	15
	22
	29
FEB	5
	12
	19
	26
MAR	5
	12
	19
	26
APR	2
	9
	16
	23
	30
MAY	7
	14
	21
	28
JUN	4

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