

Orbcomm View Satellite Pass Times
 All Passes of All Satellites in Chronological Order
 Observer: Osaka, Japan Time zone: UTC +9 Mask Elev: 5-

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
T1 (118)	19/09/20	09:05:26	09:16:49	00:11:23	11:51:27	275-	28-	48-	27554
B2 (14)	19/09/20	09:14:03	09:26:07	00:09:18	-----	289-	31-	157-	10313
G2 (04)	19/09/20	09:18:01	09:28:30	00:02:22	-----	111-	22-	358-	12431
S4 (119)	19/09/20	09:24:17	09:34:57	00:06:26	-----	287-	24-	167-	27673
S1 (116)	19/09/20	09:24:26	09:34:57	00:00:00	-----	286-	23-	169-	27674
B4 (16)	19/09/20	09:29:06	09:40:27	00:05:30	-----	285-	24-	166-	10331
C7 (27)	19/09/20	09:35:40	09:47:54	00:07:27	-----	282-	30-	58-	9665
K6 (106)	19/09/20	09:38:43	09:47:31	00:00:02	-----	179-	15-	81-	27607
T2 (110)	19/09/20	09:40:28	09:51:16	00:03:44	-----	287-	23-	50-	27638
B6 (18)	19/09/20	09:46:16	09:56:09	00:04:53	-----	276-	16-	179-	10314
S2 (113)	19/09/20	09:58:16	10:06:26	00:08:09	00:02:07	272-	12-	190-	27762
C3 (23)	19/09/20	10:13:22	10:25:23	00:12:01	00:06:55	291-	28-	62-	9637
T4 (114)	19/09/20	10:16:10	10:26:34	00:01:11	-----	297-	20-	53-	27641
B1 (13)	19/09/20	10:27:22	10:34:27	00:07:04	00:00:48	263-	9-	198-	10220
B7 (19)	19/09/20	10:29:00	10:33:58	00:00:02	-----	252-	7-	212-	10314
C1 (21)	19/09/20	10:31:57	10:43:56	00:09:58	-----	296-	27-	66-	9621
T1 (118)	19/09/20	10:50:59	11:01:20	00:10:20	00:07:02	305-	20-	60-	27555
G2 (04)	19/09/20	10:55:12	11:07:30	00:06:10	-----	171-	49-	327-	12432
K9 (109)	19/09/20	11:05:02	11:10:45	00:03:15	-----	155-	8-	97-	26667
K6 (106)	19/09/20	11:19:42	11:31:36	00:11:53	00:08:57	233-	89-	55-	27608
C7 (27)	19/09/20	11:22:25	11:34:38	00:03:01	-----	303-	30-	78-	9666
T2 (110)	19/09/20	11:25:40	11:36:15	00:01:37	-----	310-	21-	69-	27639
K7 (107)	19/09/20	11:36:51	11:46:10	00:09:18	00:00:36	180-	16-	79-	26667
C3 (23)	19/09/20	11:59:47	12:12:21	00:12:34	00:13:36	305-	36-	89-	9638
T4 (114)	19/09/20	12:00:55	12:11:56	00:00:02	-----	312-	25-	80-	27642
K3 (103)	19/09/20	12:11:31	12:22:42	00:10:46	-----	200-	29-	68-	26668
C1 (21)	19/09/20	12:18:07	12:30:57	00:08:14	-----	305-	42-	96-	9622
T3 (105)	19/09/20	12:23:34	12:35:46	00:04:49	-----	209-	40-	64-	26715
T1 (118)	19/09/20	12:35:15	12:46:53	00:11:07	-----	312-	33-	93-	27556
K9 (109)	19/09/20	12:44:49	12:56:57	00:10:03	-----	219-	55-	60-	26668
K4 (104)	19/09/20	12:59:12	13:10:30	00:11:17	00:02:15	202-	32-	67-	26829
K6 (106)	19/09/20	13:03:47	13:14:30	00:04:00	-----	277-	26-	47-	27609
C7 (27)	19/09/20	13:08:12	13:21:25	00:06:54	-----	304-	67-	114-	9667
T2 (110)	19/09/20	13:09:34	13:21:41	00:00:15	-----	310-	47-	107-	27640
K7 (107)	19/09/20	13:18:34	13:30:56	00:09:14	-----	233-	90-	55-	26668
T4 (114)	19/09/20	13:44:38	13:56:58	00:12:20	00:13:41	307-	74-	120-	27643
C3 (23)	19/09/20	13:45:26	13:58:40	00:01:42	-----	300-	80-	128-	9639
K3 (103)	19/09/20	13:54:33	14:06:46	00:08:05	-----	248-	56-	51-	26669
C1 (21)	19/09/20	14:03:47	14:16:50	00:10:03	-----	297-	58-	137-	9623
T3 (105)	19/09/20	14:07:59	14:20:31	00:03:40	-----	255-	47-	50-	26716
T1 (118)	19/09/20	14:18:57	14:31:14	00:10:43	-----	302-	66-	136-	27557
K9 (109)	19/09/20	14:28:55	14:40:41	00:09:27	-----	264-	36-	49-	26669
K4 (104)	19/09/20	14:42:30	14:54:37	00:12:07	00:01:48	251-	52-	51-	26830
K6 (106)	19/09/20	14:48:34	14:58:15	00:03:38	-----	307-	18-	58-	27610
T2 (110)	19/09/20	14:53:30	15:05:09	00:06:53	-----	294-	37-	153-	27641
C7 (27)	19/09/20	14:54:12	15:06:06	00:00:57	-----	288-	29-	159-	9668
K7 (107)	19/09/20	15:03:22	15:14:37	00:08:30	-----	276-	28-	48-	26669
T4 (114)	19/09/20	15:29:02	15:39:17	00:10:14	00:14:25	284-	21-	171-	27644

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
C3 (23)	19/09/20	15:32:06	15:42:03	00:02:46	-----	277-	16-	178-	9640
K3 (103)	19/09/20	15:39:52	15:50:35	00:08:31	-----	288-	23-	50-	26670
C1 (21)	19/09/20	15:51:16	15:59:01	00:07:45	00:00:41	266-	11-	195-	9624
T3 (105)	19/09/20	15:54:18	16:05:21	00:06:19	-----	293-	22-	53-	26717
T1 (118)	19/09/20	16:04:31	16:11:47	00:06:25	-----	268-	10-	197-	27558
K9 (109)	19/09/20	16:14:28	16:24:50	00:10:21	00:02:40	299-	20-	54-	26670
K4 (104)	19/09/20	16:27:56	16:38:35	00:10:39	00:03:06	290-	22-	50-	26831
K6 (106)	19/09/20	16:32:05	16:43:06	00:04:30	-----	313-	31-	92-	27611
K7 (107)	19/09/20	16:48:50	16:59:10	00:10:19	00:05:43	306-	20-	61-	26670
D8 (36)	19/09/20	16:59:14	17:08:02	00:08:47	00:00:03	169-	13-	91-	3399
D3 (31)	19/09/20	17:06:39	17:18:09	00:10:07	-----	195-	25-	75-	3310
R3 (115)	19/09/20	17:20:30	17:30:03	00:09:32	00:02:21	181-	17-	78-	27800
D2 (30)	19/09/20	17:22:48	17:34:09	00:04:06	-----	193-	24-	76-	3347
D4 (32)	19/09/20	17:23:05	17:34:50	00:00:40	-----	198-	27-	73-	3394
K3 (103)	19/09/20	17:25:01	17:35:37	00:00:46	-----	310-	22-	70-	26671
D7 (35)	19/09/20	17:39:42	17:51:01	00:11:18	00:04:05	193-	24-	76-	3381
T3 (105)	19/09/20	17:40:06	17:51:29	00:00:28	-----	311-	25-	77-	26718
R1 (117)	19/09/20	17:41:23	17:51:36	00:00:06	-----	187-	21-	74-	27796
K9 (109)	19/09/20	17:59:08	18:10:16	00:11:07	00:07:31	312-	26-	82-	26671
D6 (34)	19/09/20	18:11:40	18:24:14	00:12:33	00:01:24	210-	40-	66-	3404
K4 (104)	19/09/20	18:13:06	18:23:49	00:00:02	-----	311-	22-	72-	26832
K6 (106)	19/09/20	18:15:01	18:26:47	00:02:57	-----	302-	66-	136-	27612
R2 (108)	19/09/20	18:28:57	18:40:52	00:11:55	00:02:09	213-	45-	62-	28868
K7 (107)	19/09/20	18:33:04	18:44:43	00:03:50	-----	312-	34-	94-	26671
D8 (36)	19/09/20	18:41:57	18:55:08	00:10:24	-----	226-	67-	61-	3400
A7 (11)	19/09/20	18:44:50	18:53:06	00:02:01	-----	171-	12-	94-	13915
A6 (10)	19/09/20	18:50:26	18:59:00	00:05:53	-----	173-	13-	92-	13915
D3 (31)	19/09/20	18:51:02	19:04:16	00:05:16	-----	243-	75-	57-	3311
A2 (06)	19/09/20	18:55:34	19:04:50	00:00:34	-----	175-	14-	84-	13915
R3 (115)	19/09/20	19:02:09	19:14:24	00:09:33	-----	235-	84-	54-	27801
D2 (30)	19/09/20	19:07:05	19:20:20	00:05:55	-----	242-	77-	57-	3348
D4 (32)	19/09/20	19:07:42	19:20:56	00:00:36	-----	245-	70-	56-	3395
K3 (103)	19/09/20	19:08:54	19:21:01	00:00:05	-----	310-	49-	108-	26672
A1 (05)	19/09/20	19:12:22	19:22:49	00:01:48	-----	185-	19-	78-	13915
A4 (08)	19/09/20	19:20:23	19:31:33	00:08:43	-----	193-	24-	76-	13913
R1 (117)	19/09/20	19:23:40	19:36:01	00:04:27	-----	239-	75-	53-	27797
D7 (35)	19/09/20	19:23:57	19:37:12	00:01:11	-----	241-	78-	57-	3382
T3 (105)	19/09/20	19:24:45	19:37:32	00:00:20	-----	308-	65-	116-	26719
A3 (07)	19/09/20	19:29:27	19:40:49	00:03:16	-----	196-	26-	75-	13916
K9 (109)	19/09/20	19:42:49	19:55:12	00:12:22	00:02:00	306-	81-	123-	26672
A8 (12)	19/09/20	19:49:41	20:01:53	00:06:41	-----	208-	37-	67-	13916
A5 (09)	19/09/20	19:56:09	20:08:27	00:06:34	-----	210-	39-	67-	13913
D6 (34)	19/09/20	19:56:56	20:10:02	00:01:34	-----	255-	54-	55-	3405
K4 (104)	19/09/20	19:57:01	20:09:19	00:00:04	-----	310-	53-	110-	26833
K6 (106)	19/09/20	19:59:51	20:06:41	00:02:03	-----	266-	10-	198-	27613
R2 (108)	19/09/20	20:12:45	20:24:41	00:11:56	00:06:04	259-	41-	49-	28869
K7 (107)	19/09/20	20:16:47	20:29:01	00:04:19	-----	301-	63-	138-	26672
A7 (11)	19/09/20	20:26:58	20:39:50	00:10:49	-----	225-	64-	62-	13916
D8 (36)	19/09/20	20:28:02	20:40:47	00:00:57	-----	267-	40-	54-	3401
A6 (10)	19/09/20	20:32:43	20:45:37	00:04:49	-----	227-	67-	61-	13916

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
D3 (31)	19/09/20	20:37:43	20:50:00	00:04:23	-----	280-	31-	56-	3312
A2 (06)	19/09/20	20:38:14	20:51:13	00:01:12	-----	230-	74-	60-	13916
R3 (115)	19/09/20	20:46:45	20:57:48	00:06:34	-----	278-	26-	48-	27802
K3 (103)	19/09/20	20:52:50	21:04:25	00:06:36	-----	294-	35-	154-	26673
D2 (30)	19/09/20	20:53:44	21:06:03	00:01:38	-----	279-	31-	56-	3349
D4 (32)	19/09/20	20:54:31	21:06:46	00:00:42	-----	282-	30-	56-	3396
A1 (05)	19/09/20	20:55:43	21:08:46	00:02:00	-----	237-	89-	58-	13916
A4 (08)	19/09/20	21:04:13	21:17:14	00:08:28	-----	242-	77-	57-	13914
R1 (117)	19/09/20	21:08:41	21:19:43	00:02:29	-----	281-	25-	49-	27798
T3 (105)	19/09/20	21:09:50	21:21:07	00:01:23	-----	289-	26-	164-	26720
D7 (35)	19/09/20	21:10:35	21:22:55	00:01:47	-----	279-	32-	55-	3383
A3 (07)	19/09/20	21:13:26	21:26:26	00:03:31	-----	244-	73-	56-	13917
K9 (109)	19/09/20	21:27:23	21:37:15	00:09:52	00:00:56	282-	19-	176-	26673
A8 (12)	19/09/20	21:34:22	21:47:14	00:09:58	-----	253-	56-	55-	13917
A5 (09)	19/09/20	21:40:57	21:53:45	00:06:31	-----	255-	53-	54-	13914
K4 (104)	19/09/20	21:41:07	21:52:39	00:01:06	-----	292-	32-	157-	26834
D6 (34)	19/09/20	21:43:53	21:55:58	00:03:19	-----	289-	28-	61-	3406
R2 (108)	19/09/20	21:58:16	22:08:43	00:10:27	00:02:17	296-	21-	53-	28870
K7 (107)	19/09/20	22:02:28	22:09:24	00:00:41	-----	265-	10-	200-	26673
A7 (11)	19/09/20	22:12:31	22:25:00	00:12:28	00:03:07	267-	39-	54-	13917
D8 (36)	19/09/20	22:15:02	22:27:04	00:02:03	-----	296-	27-	65-	3402
A6 (10)	19/09/20	22:18:20	22:30:47	00:03:42	-----	268-	39-	54-	13917
A2 (06)	19/09/20	22:23:59	22:36:23	00:05:35	-----	270-	37-	55-	13917
D3 (31)	19/09/20	22:24:31	22:36:41	00:00:18	-----	302-	29-	75-	3313
R3 (115)	19/09/20	22:31:55	22:42:07	00:05:25	-----	307-	20-	61-	27803
D2 (30)	19/09/20	22:40:33	22:52:43	00:10:35	-----	302-	29-	74-	3350
D4 (32)	19/09/20	22:41:19	22:53:33	00:00:50	-----	302-	30-	76-	3397
A1 (05)	19/09/20	22:41:45	22:53:57	00:00:23	-----	276-	33-	56-	13917
A4 (08)	19/09/20	22:50:25	23:02:27	00:08:30	-----	280-	31-	55-	13915
R1 (117)	19/09/20	22:54:03	23:04:27	00:02:00	-----	308-	20-	64-	27799
D7 (35)	19/09/20	22:57:25	23:09:33	00:05:05	-----	302-	29-	74-	3384
A3 (07)	19/09/20	22:59:41	23:11:42	00:02:08	-----	281-	30-	55-	13918
S3 (112)	19/09/20	23:11:40	23:20:07	00:08:25	-----	173-	13-	86-	27765
G2 (04)	19/09/20	23:12:55	23:24:01	00:03:53	-----	44-	24-	166-	12439
B7 (19)	19/09/20	23:17:30	23:26:35	00:02:34	-----	175-	13-	86-	10322
B1 (13)	19/09/20	23:17:38	23:25:26	00:01:08	-----	167-	11-	94-	10228
A8 (12)	19/09/20	23:20:50	23:32:38	00:07:11	-----	288-	28-	59-	13918
A5 (09)	19/09/20	23:27:26	23:39:11	00:06:33	-----	289-	27-	58-	13915
B8 (20)	19/09/20	23:27:33	23:37:26	00:01:04	-----	181-	16-	82-	10335
D6 (34)	19/09/20	23:30:24	23:42:54	00:05:27	-----	305-	34-	85-	3407
B3 (15)	19/09/20	23:37:24	23:47:29	00:04:35	-----	182-	17-	81-	10340
R2 (108)	19/09/20	23:43:05	23:54:02	00:06:32	-----	312-	24-	78-	28871
S4 (119)	19/09/20	23:45:57	23:56:40	00:02:38	-----	191-	24-	71-	27682
S1 (116)	19/09/20	23:45:57	23:56:49	00:00:08	-----	193-	25-	70-	27683
B2 (14)	19/09/20	23:49:46	00:00:43	00:03:54	-----	190-	21-	76-	10322
A7 (11)	19/09/20	23:59:04	00:10:45	00:10:01	-----	296-	26-	64-	13918
D8 (36)	19/09/21	00:01:12	00:14:05	00:03:20	-----	305-	43-	96-	3403
B4 (16)	19/09/21	00:03:54	00:15:41	00:01:35	-----	197-	27-	73-	10340
A6 (10)	19/09/21	00:04:52	00:16:33	00:00:52	-----	296-	26-	64-	13918
D3 (31)	19/09/21	00:10:20	00:23:32	00:06:59	-----	304-	64-	111-	3314

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
A2 (06)	19/09/21	00:10:29	00:22:14	00:01:01	-----	298-	27-	68-	13918
R3 (115)	19/09/21	00:15:49	00:27:23	00:05:09	-----	312-	35-	95-	27804
S2 (113)	19/09/21	00:18:11	00:30:05	00:02:41	-----	211-	44-	62-	27771
B6 (18)	19/09/21	00:20:08	00:32:42	00:02:37	-----	209-	39-	66-	10323
D2 (30)	19/09/21	00:26:23	00:39:36	00:06:53	-----	304-	61-	110-	3351
D4 (32)	19/09/21	00:27:09	00:40:25	00:00:49	-----	304-	68-	113-	3398
A1 (05)	19/09/21	00:28:11	00:39:59	00:00:02	-----	301-	27-	72-	13918
A4 (08)	19/09/21	00:36:46	00:48:36	00:08:37	-----	302-	28-	73-	13916
R1 (117)	19/09/21	00:38:08	00:49:59	00:01:22	-----	312-	39-	99-	27800
D7 (35)	19/09/21	00:43:15	00:56:26	00:06:27	-----	304-	61-	109-	3385
A3 (07)	19/09/21	00:46:00	00:57:54	00:01:28	-----	303-	29-	75-	13919
G2 (04)	19/09/21	00:50:52	01:03:03	00:05:08	-----	13-	41-	229-	12440
S3 (112)	19/09/21	00:52:51	01:05:13	00:02:10	-----	228-	78-	57-	27766
B1 (13)	19/09/21	00:59:50	01:12:56	00:07:42	-----	223-	58-	62-	10229
B7 (19)	19/09/21	01:00:22	01:13:35	00:00:38	-----	228-	69-	61-	10323
A8 (12)	19/09/21	01:06:55	01:19:01	00:05:26	-----	305-	32-	83-	13919
B8 (20)	19/09/21	01:10:53	01:24:08	00:05:06	-----	232-	78-	60-	10336
A5 (09)	19/09/21	01:13:28	01:25:37	00:01:28	-----	305-	33-	83-	13916
D6 (34)	19/09/21	01:16:05	01:29:24	00:03:46	-----	302-	89-	123-	3408
B3 (15)	19/09/21	01:20:50	01:34:07	00:04:43	-----	233-	81-	59-	10341
R2 (108)	19/09/21	01:26:48	01:39:09	00:05:01	-----	308-	69-	118-	28872
S4 (119)	19/09/21	01:28:35	01:40:55	00:01:46	-----	243-	65-	52-	27683
S1 (116)	19/09/21	01:28:42	01:41:01	00:00:06	-----	245-	63-	52-	27684
B2 (14)	19/09/21	01:33:44	01:47:03	00:06:01	-----	238-	86-	58-	10323
A7 (11)	19/09/21	01:44:46	01:57:17	00:10:14	-----	306-	41-	94-	13919
D8 (36)	19/09/21	01:46:52	01:59:57	00:02:40	-----	297-	58-	138-	3404
B4 (16)	19/09/21	01:48:26	02:01:42	00:01:44	-----	245-	70-	56-	10341
A6 (10)	19/09/21	01:50:32	02:03:05	00:01:23	-----	306-	42-	95-	13919
A2 (06)	19/09/21	01:56:06	02:08:45	00:05:40	-----	306-	45-	99-	13919
D3 (31)	19/09/21	01:56:15	02:08:23	00:00:02	-----	290-	31-	157-	3315
R3 (115)	19/09/21	01:59:15	02:11:18	00:02:54	-----	300-	58-	139-	27805
S2 (113)	19/09/21	02:01:55	02:13:55	00:02:37	-----	258-	42-	49-	27772
B6 (18)	19/09/21	02:05:22	02:18:30	00:04:35	-----	254-	55-	56-	10324
D2 (30)	19/09/21	02:12:16	02:24:32	00:06:02	-----	290-	33-	155-	3352
D4 (32)	19/09/21	02:13:12	02:25:09	00:00:37	-----	288-	29-	160-	3399
A1 (05)	19/09/21	02:13:38	02:26:28	00:01:18	-----	305-	52-	105-	13919
R1 (117)	19/09/21	02:21:54	02:33:56	00:07:27	-----	298-	50-	144-	27801
A4 (08)	19/09/21	02:22:07	02:35:00	00:01:03	-----	305-	60-	109-	13917
D7 (35)	19/09/21	02:29:08	02:41:24	00:06:24	-----	291-	33-	155-	3386
A3 (07)	19/09/21	02:31:19	02:44:15	00:02:51	-----	304-	64-	111-	13920
S3 (112)	19/09/21	02:37:26	02:48:54	00:04:38	-----	272-	30-	48-	27767
B1 (13)	19/09/21	02:45:43	02:58:36	00:09:42	-----	264-	43-	55-	10230
B7 (19)	19/09/21	02:46:29	02:59:14	00:00:37	-----	268-	39-	55-	10324
A8 (12)	19/09/21	02:52:07	03:05:07	00:05:53	-----	302-	84-	121-	13920
B8 (20)	19/09/21	02:57:10	03:09:46	00:04:39	-----	272-	36-	56-	10337
A5 (09)	19/09/21	02:58:39	03:11:39	00:01:52	-----	302-	88-	123-	13917
D6 (34)	19/09/21	03:02:29	03:13:16	00:01:37	-----	281-	20-	172-	3409
B3 (15)	19/09/21	03:07:10	03:19:46	00:06:29	-----	272-	36-	56-	10342
R2 (108)	19/09/21	03:11:07	03:21:38	00:01:52	-----	286-	23-	168-	28873
S4 (119)	19/09/21	03:13:45	03:24:40	00:03:01	-----	284-	24-	49-	27684

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
S1 (116)	19/09/21	03:13:54	03:24:47	00:00:06	-----	285-	24-	49-	27685
B2 (14)	19/09/21	03:20:17	03:32:43	00:07:56	-----	277-	33-	56-	10324
A7 (11)	19/09/21	03:29:57	03:42:45	00:10:01	-----	298-	60-	137-	13920
D8 (36)	19/09/21	03:34:25	03:42:08	00:00:03	-----	267-	10-	194-	3405
B4 (16)	19/09/21	03:35:10	03:47:26	00:05:18	-----	282-	30-	56-	10342
A6 (10)	19/09/21	03:35:43	03:48:29	00:01:03	-----	297-	58-	138-	13920
A2 (06)	19/09/21	03:41:18	03:54:00	00:05:30	-----	296-	52-	141-	13920
R3 (115)	19/09/21	03:44:56	03:51:04	00:02:05	-----	262-	9-	204-	27806
S2 (113)	19/09/21	03:47:25	03:57:55	00:06:50	-----	295-	21-	52-	27773
B6 (18)	19/09/21	03:52:18	04:04:25	00:06:30	-----	288-	28-	61-	10325
A1 (05)	19/09/21	03:58:57	04:11:18	00:06:52	-----	293-	40-	148-	13920
A4 (08)	19/09/21	04:07:32	04:19:28	00:08:10	-----	290-	33-	155-	13918
R1 (117)	19/09/21	04:08:33	04:13:06	00:06:02	-----	252-	7-	216-	27802
A3 (07)	19/09/21	04:16:47	04:28:37	00:11:49	00:03:41	289-	30-	158-	13921
S3 (112)	19/09/21	04:22:58	04:33:19	00:04:41	-----	304-	20-	58-	27768
B1 (13)	19/09/21	04:32:45	04:44:47	00:11:28	-----	294-	27-	65-	10231
B7 (19)	19/09/21	04:33:30	04:45:31	00:00:43	-----	297-	27-	67-	10325
A8 (12)	19/09/21	04:37:56	04:48:41	00:03:10	-----	282-	21-	169-	13921
C1 (21)	19/09/21	04:42:10	04:49:16	00:00:34	-----	163-	9-	98-	9632
B8 (20)	19/09/21	04:44:09	04:56:10	00:06:54	-----	298-	28-	69-	10338
A5 (09)	19/09/21	04:44:33	04:55:04	00:01:05	-----	281-	20-	172-	13918
T1 (118)	19/09/21	04:44:47	04:49:19	00:05:04	-----	146-	7-	102-	27566
B3 (15)	19/09/21	04:54:07	05:06:11	00:12:03	00:04:48	299-	28-	70-	10343
S4 (119)	19/09/21	04:59:02	05:09:33	00:03:21	-----	309-	21-	67-	27685
S1 (116)	19/09/21	04:59:10	05:09:42	00:00:08	-----	309-	21-	67-	27686
B2 (14)	19/09/21	05:07:10	05:19:16	00:09:34	-----	301-	28-	73-	10325
T2 (110)	19/09/21	05:16:30	05:25:36	00:06:20	-----	178-	15-	82-	27650
A7 (11)	19/09/21	05:16:53	05:24:36	00:01:00	-----	268-	11-	193-	13921
B4 (16)	19/09/21	05:21:54	05:34:08	00:09:32	-----	302-	30-	76-	10343
A6 (10)	19/09/21	05:22:47	05:30:10	00:03:05	-----	266-	10-	195-	13921
A2 (06)	19/09/21	05:28:48	05:35:10	00:05:00	-----	259-	9-	204-	13921
C7 (27)	19/09/21	05:29:47	05:40:56	00:05:46	-----	192-	22-	75-	9677
S2 (113)	19/09/21	05:32:17	05:43:13	00:02:16	-----	312-	24-	77-	27774
B6 (18)	19/09/21	05:38:50	05:51:19	00:08:05	-----	304-	34-	85-	10326
T4 (114)	19/09/21	05:50:21	06:01:23	00:10:04	-----	196-	27-	69-	27653
C3 (23)	19/09/21	06:06:10	06:18:40	00:12:30	00:04:46	209-	39-	67-	9649
S3 (112)	19/09/21	06:07:21	06:18:50	00:00:10	-----	312-	31-	90-	27769
B1 (13)	19/09/21	06:19:01	06:31:47	00:12:46	00:00:10	305-	40-	94-	10232
B7 (19)	19/09/21	06:19:38	06:32:31	00:00:43	-----	305-	44-	98-	10326
T1 (118)	19/09/21	06:23:57	06:36:01	00:03:29	-----	216-	50-	61-	27567
C1 (21)	19/09/21	06:24:01	06:37:00	00:01:00	-----	220-	54-	63-	9633
B8 (20)	19/09/21	06:30:11	06:43:09	00:06:08	-----	305-	48-	101-	10339
B3 (15)	19/09/21	06:40:08	06:53:10	00:10:00	-----	305-	49-	102-	10344
S4 (119)	19/09/21	06:43:02	06:55:02	00:01:52	-----	311-	43-	103-	27686
S1 (116)	19/09/21	06:43:08	06:55:10	00:00:07	-----	311-	44-	104-	27687
B2 (14)	19/09/21	06:53:04	07:06:11	00:11:01	-----	305-	56-	107-	10326
T2 (110)	19/09/21	06:58:04	07:10:27	00:04:15	-----	232-	87-	55-	27651
B4 (16)	19/09/21	07:07:40	07:20:54	00:10:27	-----	304-	68-	113-	10344
C7 (27)	19/09/21	07:13:55	07:27:11	00:06:16	-----	240-	81-	58-	9678
S2 (113)	19/09/21	07:16:02	07:28:21	00:01:10	-----	308-	67-	118-	27775

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
B6 (18)	19/09/21	07:24:31	07:37:48	00:09:26	-----	302-	89-	123-	10327
T4 (114)	19/09/21	07:33:15	07:45:31	00:07:42	-----	247-	59-	51-	27654
S3 (112)	19/09/21	07:51:03	08:03:22	00:12:19	00:05:31	303-	74-	133-	27770
C3 (23)	19/09/21	07:51:23	08:04:29	00:01:07	-----	254-	55-	55-	9650
B1 (13)	19/09/21	08:04:40	08:17:50	00:13:09	00:00:11	298-	65-	134-	10233
B7 (19)	19/09/21	08:05:18	08:18:18	00:00:28	-----	297-	55-	139-	10327
T1 (118)	19/09/21	08:07:55	08:19:47	00:01:28	-----	262-	39-	49-	27568
C1 (21)	19/09/21	08:09:48	08:22:41	00:02:53	-----	262-	44-	55-	9634
B8 (20)	19/09/21	08:15:54	08:28:43	00:06:02	-----	295-	47-	143-	10340
B3 (15)	19/09/21	08:25:52	08:38:40	00:09:56	-----	295-	46-	144-	10345
S4 (119)	19/09/21	08:26:52	08:38:44	00:00:03	-----	296-	42-	148-	27687
S1 (116)	19/09/21	08:27:00	08:38:47	00:00:02	-----	296-	40-	150-	27688
B2 (14)	19/09/21	08:38:53	08:51:21	00:12:28	00:00:06	292-	37-	151-	10327
T2 (110)	19/09/21	08:42:48	08:54:08	00:02:47	-----	275-	28-	48-	27652
G2 (04)	19/09/21	08:51:07	08:58:54	00:04:45	-----	90-	11-	11-	12445
B4 (16)	19/09/21	08:53:39	09:05:33	00:06:39	-----	288-	29-	160-	10345
S2 (113)	19/09/21	09:00:19	09:10:57	00:05:24	-----	287-	23-	167-	27776
C7 (27)	19/09/21	09:00:31	09:12:53	00:01:55	-----	278-	32-	57-	9679
B6 (18)	19/09/21	09:10:54	09:21:40	00:08:47	-----	281-	20-	171-	10328
T4 (114)	19/09/21	09:18:31	09:29:18	00:07:37	-----	287-	23-	50-	27655
S3 (112)	19/09/21	09:36:15	09:44:24	00:08:08	00:06:57	272-	12-	190-	27771
C3 (23)	19/09/21	09:38:20	09:50:24	00:06:00	-----	288-	28-	60-	9651
B1 (13)	19/09/21	09:51:50	10:00:29	00:08:38	00:01:26	270-	12-	189-	10234
B7 (19)	19/09/21	09:53:01	10:00:12	00:00:01	-----	263-	10-	199-	10328
T1 (118)	19/09/21	09:53:27	10:03:52	00:03:39	-----	297-	20-	54-	27569
C1 (21)	19/09/21	09:56:49	10:08:48	00:04:55	-----	294-	27-	64-	9635
B8 (20)	19/09/21	10:04:15	10:09:50	00:01:02	-----	255-	8-	209-	10341
K6 (106)	19/09/21	10:13:33	10:24:58	00:11:25	00:03:43	211-	43-	63-	27622
G2 (04)	19/09/21	10:26:23	10:38:58	00:12:34	00:01:24	151-	81-	338-	12446
T2 (110)	19/09/21	10:28:18	10:38:39	00:00:01	-----	305-	20-	60-	27653
K7 (107)	19/09/21	10:42:19	10:47:25	00:05:05	00:03:40	154-	7-	101-	26681
C7 (27)	19/09/21	10:47:22	10:59:29	00:12:04	-----	301-	29-	74-	9680
T4 (114)	19/09/21	11:03:43	11:14:16	00:10:32	00:04:14	310-	21-	69-	27656
K3 (103)	19/09/21	11:15:41	11:25:00	00:09:18	00:01:24	180-	16-	80-	26682
C3 (23)	19/09/21	11:24:52	11:37:18	00:12:19	-----	305-	33-	85-	9652
T1 (118)	19/09/21	11:38:11	11:49:15	00:11:03	00:00:52	312-	25-	80-	27570
T3 (105)	19/09/21	11:38:33	11:49:57	00:00:41	-----	195-	27-	69-	26729
C1 (21)	19/09/21	11:43:06	11:55:47	00:05:50	-----	305-	38-	92-	9636
K9 (109)	19/09/21	11:48:24	11:59:40	00:03:52	-----	200-	31-	67-	26682
K6 (106)	19/09/21	11:56:36	12:08:03	00:08:23	-----	259-	40-	49-	27623
K4 (104)	19/09/21	12:04:37	12:14:18	00:06:15	-----	184-	18-	77-	26843
G2 (04)	19/09/21	12:07:42	12:15:22	00:01:03	-----	220-	11-	293-	12447
T2 (110)	19/09/21	12:12:34	12:24:12	00:08:50	-----	312-	33-	93-	27654
K7 (107)	19/09/21	12:21:45	12:33:50	00:09:38	-----	217-	52-	61-	26682
C7 (27)	19/09/21	12:33:14	12:46:23	00:12:32	-----	305-	59-	109-	9681
T4 (114)	19/09/21	12:47:38	12:59:42	00:12:03	00:01:15	311-	47-	106-	27657
K3 (103)	19/09/21	12:57:23	13:09:45	00:10:02	-----	233-	90-	55-	26683
C3 (23)	19/09/21	13:10:33	13:23:50	00:13:16	00:00:48	302-	88-	123-	9653
T1 (118)	19/09/21	13:21:54	13:34:16	00:10:26	-----	307-	75-	121-	27571
T3 (105)	19/09/21	13:22:13	13:34:58	00:00:41	-----	245-	62-	52-	26730

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
C1 (21)	19/09/21	13:28:45	13:41:55	00:06:57	-----	299-	70-	132-	9637
K9 (109)	19/09/21	13:31:31	13:43:42	00:01:47	-----	249-	54-	51-	26683
K6 (106)	19/09/21	13:41:25	13:51:16	00:07:33	-----	297-	19-	51-	27624
K4 (104)	19/09/21	13:46:42	13:59:00	00:07:44	-----	236-	82-	54-	26844
T2 (110)	19/09/21	13:56:17	14:08:33	00:09:32	-----	302-	66-	136-	27655
K7 (107)	19/09/21	14:05:47	14:17:36	00:09:02	-----	263-	37-	49-	26683
C7 (27)	19/09/21	14:19:05	14:31:27	00:12:21	00:01:29	291-	35-	153-	9682
T4 (114)	19/09/21	14:31:32	14:43:12	00:11:39	00:00:05	295-	37-	152-	27658
K3 (103)	19/09/21	14:42:11	14:53:26	00:10:13	-----	276-	28-	48-	26684
C3 (23)	19/09/21	14:56:56	15:07:44	00:10:48	00:03:30	281-	20-	171-	9654
T1 (118)	19/09/21	15:06:20	15:16:34	00:08:50	-----	284-	20-	172-	27572
T3 (105)	19/09/21	15:08:18	15:19:38	00:03:04	-----	285-	24-	51-	26731
C1 (21)	19/09/21	15:15:43	15:24:50	00:05:11	-----	272-	14-	186-	9638
K9 (109)	19/09/21	15:16:51	15:27:32	00:02:42	-----	289-	22-	50-	26684
K6 (106)	19/09/21	15:25:33	15:35:49	00:08:17	-----	313-	22-	75-	27625
K4 (104)	19/09/21	15:31:42	15:42:49	00:06:59	-----	279-	26-	48-	26845
T2 (110)	19/09/21	15:41:49	15:49:08	00:06:19	-----	268-	10-	196-	27656
K7 (107)	19/09/21	15:51:20	16:01:42	00:10:22	00:02:11	298-	20-	54-	26684
R3 (115)	19/09/21	16:22:17	16:27:27	00:05:09	00:20:34	155-	8-	100-	27814
D8 (36)	19/09/21	16:25:12	16:32:31	00:05:04	-----	164-	10-	95-	3413
K3 (103)	19/09/21	16:27:39	16:37:59	00:05:27	-----	306-	20-	61-	26685
D3 (31)	19/09/21	16:32:08	16:43:00	00:05:00	-----	190-	21-	79-	3324
R1 (117)	19/09/21	16:46:02	16:53:20	00:07:17	00:03:02	165-	10-	93-	27810
D2 (30)	19/09/21	16:48:19	16:58:58	00:05:38	-----	188-	20-	80-	3361
D4 (32)	19/09/21	16:49:18	17:00:30	00:01:31	-----	191-	23-	77-	3408
T3 (105)	19/09/21	16:54:24	17:05:30	00:05:00	-----	309-	22-	70-	26732
K9 (109)	19/09/21	17:01:58	17:12:36	00:07:06	-----	310-	22-	71-	26685
D7 (35)	19/09/21	17:05:11	17:15:48	00:03:12	-----	187-	19-	81-	3395
K6 (106)	19/09/21	17:08:31	17:20:18	00:04:30	-----	309-	63-	116-	27626
K4 (104)	19/09/21	17:17:12	17:27:35	00:07:17	-----	307-	20-	62-	26846
R2 (108)	19/09/21	17:32:40	17:43:29	00:10:49	00:05:04	193-	25-	70-	28882
K7 (107)	19/09/21	17:36:02	17:47:07	00:03:37	-----	312-	26-	81-	26685
D6 (34)	19/09/21	17:37:02	17:49:13	00:02:06	-----	203-	33-	69-	3418
R3 (115)	19/09/21	18:01:32	18:13:31	00:11:58	00:12:18	218-	53-	60-	27815
A7 (11)	19/09/21	18:05:09	18:10:42	00:02:04	-----	153-	8-	99-	13929
D8 (36)	19/09/21	18:07:10	18:20:12	00:09:29	-----	221-	56-	63-	3414
A6 (10)	19/09/21	18:10:39	18:16:43	00:03:02	-----	161-	8-	99-	13929
K3 (103)	19/09/21	18:11:53	18:23:32	00:06:48	-----	312-	34-	94-	26686
A2 (06)	19/09/21	18:15:30	18:22:47	00:00:04	-----	165-	10-	96-	13929
D3 (31)	19/09/21	18:16:05	18:29:20	00:06:32	-----	238-	86-	58-	3325
R1 (117)	19/09/21	18:26:36	18:38:52	00:09:31	-----	224-	66-	58-	27811
A1 (05)	19/09/21	18:32:00	18:41:07	00:02:15	-----	177-	14-	86-	13929
D2 (30)	19/09/21	18:32:08	18:45:23	00:04:15	-----	237-	89-	58-	3362
D4 (32)	19/09/21	18:33:31	18:46:47	00:01:23	-----	241-	80-	57-	3409
T3 (105)	19/09/21	18:39:13	18:51:47	00:05:00	-----	310-	48-	107-	26733
A4 (08)	19/09/21	18:39:48	18:49:54	00:01:05	-----	184-	18-	83-	13927
K9 (109)	19/09/21	18:45:50	18:58:00	00:08:04	-----	310-	51-	109-	26686
A3 (07)	19/09/21	18:48:51	18:59:15	00:01:16	-----	187-	19-	81-	13930
D7 (35)	19/09/21	18:48:58	19:02:13	00:02:58	-----	236-	90-	58-	3396
K6 (106)	19/09/21	18:52:02	19:02:17	00:00:03	-----	287-	24-	166-	27627

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
K4 (104)	19/09/21	19:01:26	19:13:16	00:11:00	-----	312-	36-	97-	26847
A8 (12)	19/09/21	19:08:53	19:20:27	00:07:10	-----	198-	28-	71-	13930
A5 (09)	19/09/21	19:15:18	19:27:00	00:06:33	-----	200-	29-	72-	13927
R2 (108)	19/09/21	19:15:24	19:27:41	00:00:41	-----	245-	63-	52-	28883
K7 (107)	19/09/21	19:19:44	19:32:05	00:04:24	-----	307-	78-	122-	26686
D6 (34)	19/09/21	19:21:57	19:35:08	00:03:02	-----	250-	61-	56-	3419
R3 (115)	19/09/21	19:45:19	19:56:59	00:11:39	00:10:11	263-	37-	49-	27816
A7 (11)	19/09/21	19:45:57	19:58:34	00:01:34	-----	217-	48-	65-	13930
A6 (10)	19/09/21	19:51:39	20:04:19	00:05:45	-----	219-	51-	65-	13930
D8 (36)	19/09/21	19:52:59	20:05:52	00:01:33	-----	263-	44-	54-	3415
K3 (103)	19/09/21	19:55:35	20:07:49	00:01:57	-----	301-	63-	138-	26687
A2 (06)	19/09/21	19:57:07	20:09:55	00:02:05	-----	222-	56-	63-	13930
D3 (31)	19/09/21	20:02:37	20:15:01	00:05:06	-----	276-	33-	55-	3326
R1 (117)	19/09/21	20:10:58	20:22:34	00:07:32	-----	268-	33-	48-	27812
A1 (05)	19/09/21	20:14:33	20:27:31	00:04:57	-----	229-	72-	60-	13930
D2 (30)	19/09/21	20:18:37	20:31:04	00:03:32	-----	275-	34-	55-	3363
D4 (32)	19/09/21	20:20:12	20:32:33	00:01:29	-----	278-	32-	55-	3410
A4 (08)	19/09/21	20:22:56	20:35:58	00:03:24	-----	234-	85-	59-	13928
T3 (105)	19/09/21	20:24:00	20:36:07	00:00:09	-----	295-	38-	152-	26734
K9 (109)	19/09/21	20:29:48	20:41:18	00:05:10	-----	293-	33-	156-	26687
A3 (07)	19/09/21	20:32:11	20:45:13	00:03:55	-----	236-	90-	58-	13931
D7 (35)	19/09/21	20:35:26	20:47:53	00:02:40	-----	275-	34-	55-	3397
K4 (104)	19/09/21	20:45:16	20:57:32	00:09:38	-----	300-	56-	141-	26848
A8 (12)	19/09/21	20:53:02	21:06:00	00:08:28	-----	246-	69-	56-	13931
A5 (09)	19/09/21	20:59:35	21:12:31	00:06:30	-----	248-	65-	56-	13928
R2 (108)	19/09/21	21:00:36	21:11:27	00:01:03	-----	285-	24-	49-	28884
K7 (107)	19/09/21	21:04:13	21:14:16	00:02:49	-----	283-	20-	174-	26687
D6 (34)	19/09/21	21:08:49	21:20:59	00:06:42	-----	286-	29-	59-	3420
R3 (115)	19/09/21	21:30:35	21:40:49	00:10:14	00:09:36	299-	20-	54-	27817
A7 (11)	19/09/21	21:31:06	21:43:47	00:02:58	-----	260-	46-	54-	13931
A6 (10)	19/09/21	21:36:52	21:49:31	00:05:44	-----	261-	45-	54-	13931
D8 (36)	19/09/21	21:40:00	21:52:01	00:02:29	-----	293-	27-	63-	3416
K3 (103)	19/09/21	21:41:17	21:48:12	00:03:04	-----	265-	10-	200-	26688
A2 (06)	19/09/21	21:42:29	21:55:06	00:06:53	-----	264-	42-	55-	13931
D3 (31)	19/09/21	21:49:30	22:01:35	00:06:28	-----	301-	28-	71-	3327
R1 (117)	19/09/21	21:56:30	22:06:50	00:05:14	-----	301-	20-	56-	27813
A1 (05)	19/09/21	22:00:16	22:12:41	00:05:51	-----	270-	37-	55-	13931
D2 (30)	19/09/21	22:05:31	22:17:36	00:04:54	-----	300-	28-	71-	3364
D4 (32)	19/09/21	22:07:05	22:19:14	00:01:38	-----	301-	29-	73-	3411
A4 (08)	19/09/21	22:08:53	22:21:08	00:01:53	-----	274-	34-	54-	13929
A3 (07)	19/09/21	22:18:11	22:30:24	00:09:16	-----	275-	33-	54-	13932
D7 (35)	19/09/21	22:22:21	22:34:24	00:04:00	-----	300-	28-	70-	3398
K4 (104)	19/09/21	22:31:25	22:37:32	00:03:07	-----	261-	8-	206-	26849
A8 (12)	19/09/21	22:39:20	22:51:17	00:11:57	00:01:47	283-	30-	57-	13932
B7 (19)	19/09/21	22:43:18	22:51:01	00:00:01	-----	166-	10-	95-	10336
B1 (13)	19/09/21	22:43:51	22:49:44	00:01:01	-----	157-	8-	105-	10242
G2 (04)	19/09/21	22:45:38	22:53:28	00:03:43	-----	60-	11-	142-	12453
R2 (108)	19/09/21	22:45:51	22:56:22	00:02:53	-----	309-	21-	67-	28885
A5 (09)	19/09/21	22:45:55	22:57:49	00:01:27	-----	284-	29-	56-	13929
S1 (116)	19/09/21	22:50:19	22:58:56	00:01:07	-----	174-	14-	85-	27697

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
S4 (119)	19/09/21	22:50:23	22:58:46	00:00:01	-----	172-	13-	87-	27696
B8 (20)	19/09/21	22:53:13	23:02:00	00:03:14	-----	173-	13-	88-	10349
D6 (34)	19/09/21	22:55:28	23:07:49	00:05:48	-----	304-	32-	81-	3421
B3 (15)	19/09/21	23:03:01	23:12:03	00:04:14	-----	175-	13-	87-	10354
R3 (115)	19/09/21	23:14:59	23:25:56	00:10:57	00:02:55	313-	26-	81-	27818
B2 (14)	19/09/21	23:15:13	23:25:23	00:00:03	-----	183-	17-	81-	10336
A7 (11)	19/09/21	23:17:38	23:29:21	00:03:58	-----	292-	27-	60-	13932
S2 (113)	19/09/21	23:21:56	23:32:41	00:03:20	-----	192-	24-	71-	27785
A6 (10)	19/09/21	23:23:24	23:35:06	00:02:25	-----	293-	27-	61-	13932
D8 (36)	19/09/21	23:26:17	23:39:02	00:03:55	-----	305-	39-	91-	3417
B4 (16)	19/09/21	23:29:00	23:40:12	00:01:09	-----	193-	22-	77-	10354
A2 (06)	19/09/21	23:29:02	23:40:46	00:00:33	-----	294-	27-	64-	13932
D3 (31)	19/09/21	23:35:24	23:48:31	00:07:45	-----	305-	56-	106-	3328
R1 (117)	19/09/21	23:41:00	23:52:19	00:03:47	-----	312-	28-	86-	27814
B6 (18)	19/09/21	23:45:21	23:57:33	00:05:13	-----	203-	32-	69-	10337
A1 (05)	19/09/21	23:46:47	23:58:31	00:00:58	-----	298-	27-	67-	13932
D2 (30)	19/09/21	23:51:27	00:04:33	00:06:02	-----	305-	54-	105-	3365
D4 (32)	19/09/21	23:53:00	00:06:12	00:01:38	-----	304-	60-	109-	3412
A4 (08)	19/09/21	23:55:21	00:07:05	00:00:53	-----	300-	27-	68-	13930
S3 (112)	19/09/21	23:56:10	00:08:04	00:00:59	-----	211-	44-	62-	27780
A3 (07)	19/09/22	00:04:38	00:16:25	00:08:20	-----	300-	27-	70-	13933
D7 (35)	19/09/22	00:08:17	00:21:22	00:04:56	-----	305-	53-	105-	3399
G2 (04)	19/09/22	00:22:00	00:34:47	00:12:46	00:00:38	23-	82-	209-	12454
B1 (13)	19/09/22	00:25:04	00:37:58	00:03:11	-----	217-	49-	64-	10243
B7 (19)	19/09/22	00:25:27	00:38:32	00:00:33	-----	222-	58-	63-	10337
A8 (12)	19/09/22	00:25:36	00:37:31	00:01:00	-----	303-	29-	78-	13933
R2 (108)	19/09/22	00:29:49	00:41:50	00:04:18	-----	311-	44-	104-	28886
S4 (119)	19/09/22	00:31:32	00:43:54	00:02:03	-----	228-	77-	57-	27697
S1 (116)	19/09/22	00:31:37	00:44:00	00:00:06	-----	229-	80-	56-	27698
A5 (09)	19/09/22	00:32:09	00:44:06	00:00:06	-----	303-	30-	77-	13930
B8 (20)	19/09/22	00:35:56	00:49:06	00:05:00	-----	226-	66-	61-	10350
D6 (34)	19/09/22	00:41:11	00:54:29	00:05:23	-----	303-	78-	118-	3422
B3 (15)	19/09/22	00:45:51	00:59:03	00:04:33	-----	227-	69-	61-	10355
R3 (115)	19/09/22	00:58:23	01:10:37	00:11:34	-----	307-	78-	122-	27819
B2 (14)	19/09/22	00:58:42	01:11:59	00:01:21	-----	233-	82-	59-	10337
A7 (11)	19/09/22	01:03:32	01:15:50	00:03:51	-----	305-	36-	88-	13933
S2 (113)	19/09/22	01:04:35	01:16:55	00:01:05	-----	244-	65-	52-	27786
A6 (10)	19/09/22	01:09:16	01:21:37	00:04:41	-----	305-	36-	89-	13933
D8 (36)	19/09/22	01:11:56	01:25:09	00:03:32	-----	299-	69-	133-	3418
B4 (16)	19/09/22	01:13:07	01:26:25	00:01:16	-----	240-	82-	57-	10355
A2 (06)	19/09/22	01:14:50	01:27:17	00:00:51	-----	306-	38-	92-	13933
D3 (31)	19/09/22	01:21:12	01:33:43	00:06:26	-----	292-	38-	151-	3329
R1 (117)	19/09/22	01:24:41	01:37:02	00:03:19	-----	305-	87-	128-	27815
B6 (18)	19/09/22	01:30:14	01:43:27	00:06:24	-----	249-	62-	56-	10338
A1 (05)	19/09/22	01:32:25	01:45:03	00:01:36	-----	306-	44-	98-	13933
D2 (30)	19/09/22	01:37:13	01:49:51	00:04:47	-----	293-	40-	149-	3366
D4 (32)	19/09/22	01:38:55	01:51:17	00:01:26	-----	291-	34-	154-	3413
S3 (112)	19/09/22	01:39:55	01:51:54	00:00:37	-----	258-	42-	49-	27781
A4 (08)	19/09/22	01:40:51	01:53:35	00:01:40	-----	305-	49-	102-	13931
A3 (07)	19/09/22	01:50:06	02:02:54	00:09:19	-----	305-	52-	104-	13934

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
D7 (35)	19/09/22	01:54:03	02:06:40	00:03:46	-----	293-	40-	149-	3400
G2 (04)	19/09/22	02:02:03	02:10:06	00:03:25	-----	351-	12-	274-	12455
B1 (13)	19/09/22	02:10:41	02:23:41	00:13:00	00:00:34	260-	47-	55-	10244
A8 (12)	19/09/22	02:10:53	02:23:50	00:00:08	-----	304-	67-	114-	13934
B7 (19)	19/09/22	02:11:19	02:24:12	00:00:21	-----	264-	43-	55-	10338
R2 (108)	19/09/22	02:13:40	02:25:28	00:01:15	-----	296-	41-	150-	28887
S4 (119)	19/09/22	02:16:06	02:27:35	00:02:07	-----	272-	30-	48-	27698
S1 (116)	19/09/22	02:16:15	02:27:41	00:00:05	-----	273-	30-	48-	27699
A5 (09)	19/09/22	02:17:24	02:30:22	00:02:41	-----	304-	71-	115-	13931
B8 (20)	19/09/22	02:22:00	02:34:45	00:04:22	-----	267-	40-	55-	10351
D6 (34)	19/09/22	02:27:21	02:38:47	00:04:02	-----	285-	24-	165-	3423
B3 (15)	19/09/22	02:31:57	02:44:42	00:05:54	-----	268-	39-	55-	10356
R3 (115)	19/09/22	02:42:37	02:52:30	00:07:48	-----	283-	19-	174-	27820
B2 (14)	19/09/22	02:45:03	02:57:38	00:05:07	-----	273-	36-	56-	10338
A7 (11)	19/09/22	02:48:42	03:01:39	00:04:01	-----	300-	78-	128-	13934
S2 (113)	19/09/22	02:49:45	03:00:41	00:00:05	-----	285-	24-	49-	27787
A6 (10)	19/09/22	02:54:26	03:07:23	00:06:42	-----	300-	75-	130-	13934
D8 (36)	19/09/22	02:58:58	03:08:01	00:00:38	-----	273-	13-	185-	3419
B4 (16)	19/09/22	02:59:42	03:12:06	00:04:05	-----	278-	32-	55-	10356
A2 (06)	19/09/22	03:00:00	03:12:55	00:00:48	-----	299-	68-	133-	13934
R1 (117)	19/09/22	03:09:31	03:18:37	00:05:41	-----	277-	15-	183-	27816
B6 (18)	19/09/22	03:17:05	03:29:17	00:10:40	-----	285-	29-	59-	10339
A1 (05)	19/09/22	03:17:37	03:30:21	00:01:03	-----	296-	53-	140-	13934
S3 (112)	19/09/22	03:25:25	03:35:54	00:05:33	-----	295-	21-	52-	27782
A4 (08)	19/09/22	03:26:07	03:38:33	00:02:39	-----	294-	44-	146-	13932
D2 (30)	19/09/22	03:27:11	03:29:11	00:09:02	-----	245-	5-	220-	3367
A3 (07)	19/09/22	03:35:24	03:47:46	00:12:22	00:06:12	293-	41-	149-	13935
D7 (35)	19/09/22	03:43:47	03:46:15	00:01:03	-----	247-	5-	218-	3401
A8 (12)	19/09/22	03:56:25	04:08:03	00:11:38	00:10:09	288-	28-	159-	13935
B1 (13)	19/09/22	03:57:41	04:09:45	00:01:41	-----	292-	28-	63-	10245
B7 (19)	19/09/22	03:58:20	04:10:21	00:00:36	-----	294-	27-	65-	10339
S4 (119)	19/09/22	04:01:38	04:11:59	00:01:37	-----	303-	20-	58-	27699
S1 (116)	19/09/22	04:01:47	04:12:07	00:00:08	-----	304-	20-	59-	27700
A5 (09)	19/09/22	04:03:00	04:14:27	00:02:19	-----	287-	26-	162-	13932
C1 (21)	19/09/22	04:08:29	04:13:14	00:01:01	-----	148-	7-	105-	9646
B8 (20)	19/09/22	04:09:00	04:21:00	00:07:46	-----	296-	27-	67-	10352
B3 (15)	19/09/22	04:18:57	04:30:59	00:09:58	-----	297-	27-	67-	10357
T2 (110)	19/09/22	04:22:10	04:26:35	00:04:02	-----	145-	7-	102-	27664
B2 (14)	19/09/22	04:32:00	04:44:03	00:12:02	00:05:25	299-	28-	70-	10339
A7 (11)	19/09/22	04:34:57	04:44:30	00:00:27	-----	276-	15-	181-	13935
S2 (113)	19/09/22	04:35:03	04:45:33	00:01:03	-----	309-	21-	67-	27788
A6 (10)	19/09/22	04:40:46	04:50:05	00:04:32	-----	275-	15-	182-	13935
B4 (16)	19/09/22	04:46:32	04:58:41	00:08:35	-----	301-	29-	73-	10357
A2 (06)	19/09/22	04:46:34	04:55:16	00:03:02	-----	271-	13-	188-	13935
T4 (114)	19/09/22	04:54:36	05:03:37	00:08:21	-----	177-	15-	82-	27667
C7 (27)	19/09/22	04:55:17	05:05:43	00:02:05	-----	186-	18-	79-	9691
B6 (18)	19/09/22	05:03:44	05:16:05	00:10:22	-----	304-	32-	81-	10340
A1 (05)	19/09/22	05:05:00	05:11:39	00:04:02	-----	261-	9-	201-	13935
S3 (112)	19/09/22	05:10:16	05:21:12	00:09:32	-----	312-	24-	77-	27783
A4 (08)	19/09/22	05:14:37	05:18:33	00:02:03	-----	252-	6-	213-	13933

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
A3 (07)	19/09/22	05:24:39	05:26:55	00:02:15	00:06:06	245-	5-	220-	13936
T1 (118)	19/09/22	05:27:36	05:38:41	00:11:04	00:00:41	196-	28-	69-	27581
C3 (23)	19/09/22	05:31:33	05:43:42	00:05:00	-----	202-	32-	69-	9663
B1 (13)	19/09/22	05:44:05	05:56:43	00:12:38	00:00:23	305-	37-	90-	10246
B7 (19)	19/09/22	05:44:36	05:57:21	00:00:38	-----	305-	40-	94-	10340
S4 (119)	19/09/22	05:46:02	05:57:31	00:00:09	-----	312-	31-	90-	27700
S1 (116)	19/09/22	05:46:08	05:57:39	00:00:08	-----	312-	31-	91-	27701
C1 (21)	19/09/22	05:49:11	06:01:57	00:04:17	-----	215-	45-	65-	9647
B8 (20)	19/09/22	05:55:10	06:08:01	00:06:03	-----	305-	43-	97-	10353
T2 (110)	19/09/22	06:01:17	06:13:20	00:05:18	-----	216-	50-	61-	27665
B3 (15)	19/09/22	06:05:05	06:17:59	00:04:39	-----	305-	44-	98-	10358
B2 (14)	19/09/22	06:18:00	06:31:01	00:13:01	00:00:01	305-	49-	103-	10340
S2 (113)	19/09/22	06:19:02	06:31:02	00:00:00	-----	311-	43-	103-	27789
B4 (16)	19/09/22	06:32:23	06:45:33	00:13:09	00:01:21	304-	59-	108-	10358
T4 (114)	19/09/22	06:36:08	06:48:30	00:02:56	-----	231-	85-	56-	27668
C7 (27)	19/09/22	06:38:57	06:52:12	00:03:42	-----	235-	86-	59-	9692
B6 (18)	19/09/22	06:49:28	07:02:45	00:10:32	-----	303-	77-	118-	10341
S3 (112)	19/09/22	06:54:01	07:06:21	00:03:35	-----	308-	67-	118-	27784
T1 (118)	19/09/22	07:10:32	07:22:48	00:12:15	00:04:11	247-	58-	51-	27582
C3 (23)	19/09/22	07:16:25	07:29:37	00:06:49	-----	249-	63-	56-	9664
S4 (119)	19/09/22	07:29:43	07:42:03	00:12:20	00:00:06	303-	75-	132-	27701
B1 (13)	19/09/22	07:29:44	07:43:00	00:00:56	-----	300-	77-	129-	10247
S1 (116)	19/09/22	07:29:50	07:42:08	00:00:05	-----	303-	72-	134-	27702
B7 (19)	19/09/22	07:30:15	07:43:24	00:01:16	-----	299-	66-	134-	10341
C1 (21)	19/09/22	07:34:40	07:47:40	00:04:16	-----	258-	50-	55-	9648
B8 (20)	19/09/22	07:40:50	07:53:52	00:06:11	-----	297-	57-	138-	10354
T2 (110)	19/09/22	07:45:14	07:57:06	00:03:14	-----	261-	39-	49-	27666
B3 (15)	19/09/22	07:50:46	08:03:47	00:06:40	-----	297-	55-	139-	10359
S2 (113)	19/09/22	08:02:53	08:14:43	00:10:56	-----	296-	42-	149-	27790
B2 (14)	19/09/22	08:03:44	08:16:30	00:01:47	-----	294-	45-	145-	10341
B4 (16)	19/09/22	08:18:14	08:30:35	00:12:21	00:01:43	291-	35-	153-	10359
T4 (114)	19/09/22	08:20:51	08:32:10	00:01:35	-----	275-	29-	48-	27669
C7 (27)	19/09/22	08:25:23	08:37:52	00:05:41	-----	274-	34-	56-	9693
B6 (18)	19/09/22	08:35:37	08:47:05	00:09:12	-----	285-	24-	165-	10342
S3 (112)	19/09/22	08:38:18	08:48:56	00:01:51	-----	287-	23-	167-	27785
T1 (118)	19/09/22	08:55:48	09:06:35	00:10:47	00:06:52	287-	23-	50-	27583
C3 (23)	19/09/22	09:03:17	09:15:27	00:08:51	-----	285-	29-	59-	9665
K6 (106)	19/09/22	09:08:09	09:17:57	00:02:29	-----	185-	20-	75-	27636
S4 (119)	19/09/22	09:14:54	09:23:08	00:05:11	-----	273-	13-	190-	27702
S1 (116)	19/09/22	09:15:07	09:23:03	00:00:05	-----	271-	12-	192-	27703
B1 (13)	19/09/22	09:16:29	09:26:15	00:03:11	-----	276-	16-	180-	10248
B7 (19)	19/09/22	09:17:23	09:26:05	00:00:01	-----	270-	13-	189-	10342
C1 (21)	19/09/22	09:21:39	09:33:40	00:07:35	-----	291-	28-	62-	9649
B8 (20)	19/09/22	09:28:23	09:35:58	00:02:18	-----	265-	10-	196-	10355
T2 (110)	19/09/22	09:30:46	09:41:11	00:05:13	-----	297-	20-	54-	27667
B3 (15)	19/09/22	09:38:26	09:45:44	00:04:32	-----	263-	10-	198-	10360
B2 (14)	19/09/22	09:52:23	09:57:16	00:04:53	00:06:39	251-	7-	214-	10342
G2 (04)	19/09/22	09:58:08	10:10:07	00:11:59	00:00:51	131-	40-	348-	12460
T4 (114)	19/09/22	10:06:21	10:16:40	00:06:32	-----	305-	20-	60-	27670
C7 (27)	19/09/22	10:12:18	10:24:20	00:07:40	-----	300-	28-	71-	9694

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
K3 (103)	19/09/22	10:21:07	10:26:12	00:01:51	-----	154-	7-	101-	26696
T1 (118)	19/09/22	10:41:00	10:51:35	00:10:35	00:14:47	310-	21-	69-	27584
K6 (106)	19/09/22	10:49:45	11:01:38	00:10:02	-----	240-	73-	53-	27637
C3 (23)	19/09/22	10:49:57	11:02:16	00:00:37	-----	304-	31-	81-	9666
K9 (109)	19/09/22	10:52:31	11:02:01	00:00:01	-----	182-	17-	79-	26696
T3 (105)	19/09/22	10:53:47	11:03:56	00:01:55	-----	184-	18-	77-	26743
C1 (21)	19/09/22	11:08:05	11:20:37	00:12:32	00:04:08	305-	35-	88-	9650
K4 (104)	19/09/22	11:10:58	11:17:21	00:03:01	-----	160-	9-	98-	26857
T2 (110)	19/09/22	11:15:30	11:26:34	00:09:13	-----	312-	25-	80-	27668
K7 (107)	19/09/22	11:25:22	11:36:32	00:09:58	-----	198-	29-	68-	26696
G2 (04)	19/09/22	11:37:08	11:48:05	00:10:56	00:00:36	192-	24-	313-	12461
T4 (114)	19/09/22	11:50:38	12:02:12	00:11:34	00:02:33	312-	33-	92-	27671
C7 (27)	19/09/22	11:58:16	12:11:19	00:09:06	-----	305-	52-	104-	9695
K3 (103)	19/09/22	12:00:33	12:12:37	00:01:18	-----	217-	52-	61-	26697
T1 (118)	19/09/22	12:24:54	12:37:01	00:12:06	00:12:17	310-	47-	107-	27585
K6 (106)	19/09/22	12:34:06	12:44:34	00:07:33	-----	282-	24-	47-	27638
K9 (109)	19/09/22	12:34:21	12:46:43	00:02:08	-----	234-	87-	55-	26697
C3 (23)	19/09/22	12:35:41	12:48:57	00:02:14	-----	303-	76-	118-	9667
T3 (105)	19/09/22	12:36:35	12:49:25	00:00:28	-----	235-	85-	54-	26744
K4 (104)	19/09/22	12:51:12	13:03:19	00:12:07	00:01:47	221-	60-	59-	26858
C1 (21)	19/09/22	12:53:44	13:06:58	00:03:39	-----	301-	82-	127-	9651
T2 (110)	19/09/22	12:59:13	13:11:35	00:04:37	-----	307-	75-	121-	27669
K7 (107)	19/09/22	13:08:23	13:20:37	00:09:01	-----	248-	56-	51-	26697
T4 (114)	19/09/22	13:34:20	13:46:36	00:12:15	00:13:43	302-	67-	136-	27672
C7 (27)	19/09/22	13:44:02	13:56:42	00:10:06	-----	294-	42-	147-	9696
K3 (103)	19/09/22	13:44:35	13:56:23	00:00:01	-----	263-	37-	49-	26698
T1 (118)	19/09/22	14:08:50	14:20:28	00:11:38	00:12:26	294-	37-	153-	27586
K6 (106)	19/09/22	14:18:47	14:28:32	00:08:03	-----	309-	19-	62-	27639
K9 (109)	19/09/22	14:19:11	14:30:24	00:01:51	-----	277-	27-	48-	26698
C3 (23)	19/09/22	14:21:50	14:33:19	00:02:55	-----	285-	25-	164-	9668
T3 (105)	19/09/22	14:22:19	14:34:00	00:00:40	-----	277-	28-	49-	26745
K4 (104)	19/09/22	14:35:31	14:47:09	00:11:37	00:01:31	266-	34-	48-	26859
C1 (21)	19/09/22	14:40:20	14:50:26	00:03:16	-----	278-	17-	177-	9652
T2 (110)	19/09/22	14:43:39	14:53:54	00:03:28	-----	284-	21-	172-	27670
K7 (107)	19/09/22	14:53:42	15:04:25	00:10:31	-----	288-	23-	50-	26698
T4 (114)	19/09/22	15:19:49	15:27:14	00:07:25	00:15:23	268-	11-	196-	27673
K3 (103)	19/09/22	15:30:07	15:40:29	00:10:22	00:02:52	298-	20-	54-	26699
C7 (27)	19/09/22	15:33:17	15:36:48	00:03:04	-----	250-	6-	215-	9697
D3 (31)	19/09/22	15:57:43	16:07:46	00:10:02	00:20:54	183-	17-	84-	3338
K6 (106)	19/09/22	16:02:06	16:13:22	00:05:36	-----	313-	36-	98-	27640
K9 (109)	19/09/22	16:04:39	16:15:00	00:01:36	-----	306-	20-	61-	26699
T3 (105)	19/09/22	16:08:37	16:19:32	00:04:32	-----	305-	21-	63-	26746
D2 (30)	19/09/22	16:13:55	16:23:43	00:04:10	-----	181-	16-	85-	3375
D4 (32)	19/09/22	16:15:35	16:26:07	00:02:23	-----	187-	19-	81-	3422
K4 (104)	19/09/22	16:21:09	16:31:29	00:05:22	-----	300-	20-	55-	26860
D7 (35)	19/09/22	16:30:46	16:40:30	00:09:01	-----	180-	16-	86-	3409
R2 (108)	19/09/22	16:37:02	16:45:35	00:05:05	-----	174-	14-	85-	28896
K7 (107)	19/09/22	16:38:51	16:49:27	00:03:51	-----	310-	22-	70-	26699
R3 (115)	19/09/22	17:01:26	17:12:23	00:10:56	00:11:59	196-	28-	69-	27829
D6 (34)	19/09/22	17:02:26	17:14:10	00:01:47	-----	199-	27-	72-	3432

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
K3 (103)	19/09/22	17:14:49	17:25:53	00:11:04	00:00:38	312-	26-	81-	26700
R1 (117)	19/09/22	17:29:57	17:41:33	00:11:36	00:04:03	206-	37-	65-	27825
D8 (36)	19/09/22	17:32:26	17:45:14	00:03:40	-----	215-	46-	65-	3428
D3 (31)	19/09/22	17:41:10	17:54:23	00:09:09	-----	233-	81-	59-	3339
K6 (106)	19/09/22	17:45:07	17:56:41	00:02:17	-----	299-	51-	143-	27641
K9 (109)	19/09/22	17:48:51	18:00:32	00:03:51	-----	312-	35-	95-	26700
A1 (05)	19/09/22	17:52:00	17:59:01	00:01:03	-----	163-	9-	98-	13943
T3 (105)	19/09/22	17:53:40	18:05:56	00:06:55	-----	311-	38-	97-	26747
D2 (30)	19/09/22	17:57:14	18:10:26	00:04:29	-----	232-	78-	60-	3376
D4 (32)	19/09/22	17:59:22	18:12:38	00:02:11	-----	236-	88-	59-	3423
A4 (08)	19/09/22	17:59:29	18:08:03	00:04:03	-----	173-	12-	92-	13941
K4 (104)	19/09/22	18:05:48	18:17:05	00:09:01	-----	312-	27-	84-	26861
A3 (07)	19/09/22	18:08:30	18:17:30	00:00:25	-----	176-	14-	90-	13944
D7 (35)	19/09/22	18:14:01	18:27:14	00:09:44	-----	231-	77-	60-	3410
R2 (108)	19/09/22	18:18:18	18:30:39	00:03:25	-----	229-	80-	56-	28897
K7 (107)	19/09/22	18:22:45	18:34:52	00:04:12	-----	310-	49-	108-	26700
A8 (12)	19/09/22	18:28:13	18:38:55	00:04:03	-----	190-	21-	77-	13944
A5 (09)	19/09/22	18:34:37	18:45:31	00:06:35	-----	190-	22-	78-	13941
R3 (115)	19/09/22	18:44:06	18:56:13	00:10:42	-----	247-	58-	51-	27830
D6 (34)	19/09/22	18:47:00	19:00:14	00:04:00	-----	245-	70-	57-	3433
K3 (103)	19/09/22	18:58:30	19:10:52	00:10:38	-----	307-	78-	122-	26701
A7 (11)	19/09/22	19:05:03	19:17:15	00:06:22	-----	208-	36-	68-	13944
A6 (10)	19/09/22	19:10:42	19:22:58	00:05:42	-----	209-	38-	67-	13944
R1 (117)	19/09/22	19:13:23	19:25:28	00:02:30	-----	254-	47-	50-	27826
A2 (06)	19/09/22	19:16:07	19:28:34	00:03:05	-----	212-	43-	65-	13944
D8 (36)	19/09/22	19:17:57	19:30:58	00:02:24	-----	258-	49-	54-	3429
D3 (31)	19/09/22	19:27:30	19:40:03	00:09:04	-----	272-	35-	54-	3340
K6 (106)	19/09/22	19:31:01	19:35:14	00:04:04	-----	251-	7-	217-	27642
K9 (109)	19/09/22	19:32:34	19:44:46	00:09:31	-----	301-	60-	139-	26701
A1 (05)	19/09/22	19:33:29	19:46:15	00:01:28	-----	221-	55-	63-	13944
T3 (105)	19/09/22	19:38:17	19:50:54	00:04:38	-----	300-	56-	141-	26748
A4 (08)	19/09/22	19:41:45	19:54:40	00:03:46	-----	227-	66-	62-	13942
D2 (30)	19/09/22	19:43:31	19:56:05	00:01:24	-----	271-	36-	54-	3377
D4 (32)	19/09/22	19:45:53	19:58:21	00:02:16	-----	275-	34-	55-	3424
K4 (104)	19/09/22	19:49:34	20:02:03	00:03:41	-----	305-	87-	126-	26862
A3 (07)	19/09/22	19:51:01	20:03:58	00:01:55	-----	229-	71-	61-	13945
D7 (35)	19/09/22	20:00:18	20:12:53	00:08:55	-----	271-	36-	54-	3411
R2 (108)	19/09/22	20:02:56	20:14:20	00:01:27	-----	273-	30-	48-	28898
K7 (107)	19/09/22	20:06:41	20:18:16	00:03:55	-----	294-	35-	154-	26701
A8 (12)	19/09/22	20:11:45	20:24:46	00:06:30	-----	238-	85-	58-	13945
A5 (09)	19/09/22	20:18:17	20:31:17	00:06:30	-----	240-	81-	57-	13942
R3 (115)	19/09/22	20:29:05	20:39:43	00:08:26	-----	288-	23-	49-	27831
D6 (34)	19/09/22	20:33:45	20:46:00	00:06:16	-----	282-	30-	58-	3434
K3 (103)	19/09/22	20:43:00	20:53:03	00:07:02	-----	283-	20-	174-	26702
A7 (11)	19/09/22	20:49:43	21:02:35	00:09:31	-----	253-	56-	55-	13945
A6 (10)	19/09/22	20:55:27	21:08:17	00:05:42	-----	254-	54-	55-	13945
R1 (117)	19/09/22	20:58:48	21:09:22	00:01:05	-----	292-	21-	51-	27827
A2 (06)	19/09/22	21:01:02	21:13:50	00:04:28	-----	257-	50-	55-	13945
D8 (36)	19/09/22	21:04:56	21:17:00	00:03:09	-----	291-	28-	60-	3430
D3 (31)	19/09/22	21:14:27	21:26:28	00:09:28	-----	299-	28-	68-	3341

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
K9 (109)	19/09/22	21:18:25	21:24:57	00:01:03	-----	263-	9-	202-	26702
A1 (05)	19/09/22	21:18:49	21:31:27	00:06:29	-----	263-	43-	55-	13945
T3 (105)	19/09/22	21:25:15	21:31:34	00:00:06	-----	262-	9-	205-	26749
A4 (08)	19/09/22	21:27:22	21:39:50	00:08:16	-----	267-	39-	54-	13943
D2 (30)	19/09/22	21:30:28	21:42:29	00:02:39	-----	298-	27-	68-	3378
D4 (32)	19/09/22	21:32:51	21:44:55	00:02:26	-----	300-	28-	70-	3425
K4 (104)	19/09/22	21:34:21	21:44:00	00:00:05	-----	280-	17-	179-	26863
A3 (07)	19/09/22	21:36:42	21:49:07	00:05:07	-----	269-	37-	54-	13946
D7 (35)	19/09/22	21:47:16	21:59:16	00:10:08	-----	298-	27-	67-	3412
R2 (108)	19/09/22	21:48:27	21:58:46	00:00:02	-----	304-	20-	59-	28899
A8 (12)	19/09/22	21:57:50	22:09:58	00:11:11	-----	277-	32-	56-	13946
A5 (09)	19/09/22	22:04:25	22:16:29	00:06:31	-----	278-	31-	55-	13943
B7 (19)	19/09/22	22:09:26	22:15:11	00:01:01	-----	156-	8-	106-	10350
R3 (115)	19/09/22	22:14:00	22:24:25	00:09:13	-----	310-	21-	69-	27832
B8 (20)	19/09/22	22:19:05	22:26:23	00:01:58	-----	164-	10-	97-	10363
D6 (34)	19/09/22	22:20:30	22:32:44	00:06:21	-----	303-	30-	78-	3435
S2 (113)	19/09/22	22:26:21	22:34:47	00:02:02	-----	173-	13-	86-	27799
B3 (15)	19/09/22	22:28:48	22:36:25	00:01:38	-----	166-	10-	95-	10368
A7 (11)	19/09/22	22:36:11	22:47:59	00:11:33	-----	287-	28-	58-	13946
B2 (14)	19/09/22	22:40:49	22:49:56	00:01:56	-----	175-	14-	86-	10350
A6 (10)	19/09/22	22:41:55	22:53:42	00:03:46	-----	288-	28-	58-	13946
R1 (117)	19/09/22	22:43:47	22:54:33	00:00:50	-----	311-	23-	74-	27828
A2 (06)	19/09/22	22:47:33	22:59:20	00:04:46	-----	290-	27-	61-	13946
D8 (36)	19/09/22	22:51:21	23:03:58	00:04:38	-----	305-	36-	87-	3431
B4 (16)	19/09/22	22:54:13	23:04:39	00:00:41	-----	185-	18-	82-	10368
S3 (112)	19/09/22	22:59:55	23:10:41	00:06:01	-----	192-	25-	71-	27794
D3 (31)	19/09/22	23:00:28	23:13:28	00:02:47	-----	305-	49-	101-	3342
A1 (05)	19/09/22	23:05:22	23:17:05	00:03:37	-----	294-	27-	64-	13946
B6 (18)	19/09/22	23:10:37	23:22:21	00:05:15	-----	198-	27-	72-	10351
A4 (08)	19/09/22	23:13:54	23:25:35	00:03:14	-----	296-	27-	64-	13944
D2 (30)	19/09/22	23:16:30	23:29:30	00:03:54	-----	305-	48-	100-	3379
D4 (32)	19/09/22	23:18:51	23:31:57	00:02:27	-----	305-	53-	104-	3426
A3 (07)	19/09/22	23:23:14	23:34:57	00:03:00	-----	297-	27-	65-	13947
R2 (108)	19/09/22	23:32:48	23:44:18	00:09:21	-----	312-	31-	91-	28900
D7 (35)	19/09/22	23:33:18	23:46:16	00:01:57	-----	305-	47-	100-	3413
S4 (119)	19/09/22	23:34:52	23:46:45	00:00:28	-----	211-	43-	63-	27711
S1 (116)	19/09/22	23:34:55	23:46:52	00:00:06	-----	212-	45-	62-	27712
A8 (12)	19/09/22	23:44:14	23:56:02	00:09:10	-----	301-	28-	73-	13947
B1 (13)	19/09/22	23:50:22	00:02:59	00:06:56	-----	210-	40-	66-	10257
B7 (19)	19/09/22	23:50:35	00:03:28	00:00:29	-----	217-	48-	64-	10351
A5 (09)	19/09/22	23:50:47	00:02:36	00:00:05	-----	301-	28-	72-	13944
G2 (04)	19/09/22	23:53:30	00:05:57	00:03:21	-----	32-	49-	188-	12468
R3 (115)	19/09/22	23:57:37	00:09:34	00:03:37	-----	311-	47-	106-	27833
B8 (20)	19/09/23	00:01:02	00:14:03	00:04:29	-----	221-	55-	63-	10364
D6 (34)	19/09/23	00:06:17	00:19:32	00:05:29	-----	304-	67-	114-	3436
S2 (113)	19/09/23	00:07:31	00:19:53	00:00:20	-----	228-	77-	57-	27800
B3 (15)	19/09/23	00:10:54	00:23:58	00:04:04	-----	222-	57-	63-	10369
A7 (11)	19/09/23	00:22:16	00:34:22	00:10:24	-----	305-	32-	81-	13947
B2 (14)	19/09/23	00:23:42	00:36:54	00:02:32	-----	228-	70-	61-	10351
R1 (117)	19/09/23	00:27:34	00:39:49	00:02:54	-----	309-	58-	113-	27829

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
A6 (10)	19/09/23	00:27:59	00:40:07	00:00:17	-----	305-	32-	82-	13947
A2 (06)	19/09/23	00:33:32	00:45:47	00:05:40	-----	305-	34-	86-	13947
D8 (36)	19/09/23	00:37:01	00:50:18	00:04:31	-----	301-	81-	127-	3432
B4 (16)	19/09/23	00:37:51	00:51:08	00:00:49	-----	235-	86-	59-	10369
S3 (112)	19/09/23	00:42:35	00:54:55	00:03:46	-----	244-	65-	52-	27795
D3 (31)	19/09/23	00:46:11	00:59:00	00:04:04	-----	295-	46-	145-	3343
A1 (05)	19/09/23	00:51:11	01:03:37	00:04:37	-----	306-	38-	92-	13947
B6 (18)	19/09/23	00:55:07	01:08:25	00:04:47	-----	245-	72-	57-	10352
A4 (08)	19/09/23	00:59:35	01:12:07	00:03:42	-----	306-	42-	95-	13945
D2 (30)	19/09/23	01:02:12	01:15:06	00:02:58	-----	295-	48-	144-	3380
D4 (32)	19/09/23	01:04:41	01:17:21	00:02:15	-----	293-	41-	148-	3427
A3 (07)	19/09/23	01:08:52	01:21:29	00:04:07	-----	306-	44-	97-	13948
R2 (108)	19/09/23	01:16:29	01:28:48	00:07:18	-----	303-	72-	134-	28901
S4 (119)	19/09/23	01:18:35	01:30:35	00:01:47	-----	258-	42-	49-	27712
S1 (116)	19/09/23	01:18:43	01:30:41	00:00:05	-----	259-	41-	49-	27713
D7 (35)	19/09/23	01:19:00	01:31:53	00:01:12	-----	295-	49-	143-	3414
A8 (12)	19/09/23	01:29:39	01:42:29	00:10:36	-----	305-	55-	107-	13948
G2 (04)	19/09/23	01:32:29	01:43:10	00:00:41	-----	3-	22-	250-	12469
B1 (13)	19/09/23	01:35:39	01:48:47	00:05:36	-----	255-	54-	55-	10258
B7 (19)	19/09/23	01:36:10	01:49:11	00:00:23	-----	259-	48-	55-	10352
A5 (09)	19/09/23	01:36:10	01:49:01	00:00:09	-----	305-	57-	107-	13945
R3 (115)	19/09/23	01:41:15	01:52:46	00:03:44	-----	294-	37-	152-	27834
B8 (20)	19/09/23	01:46:51	01:59:43	00:06:57	-----	263-	44-	55-	10365
S2 (113)	19/09/23	01:52:06	02:03:34	00:03:51	-----	272-	30-	48-	27801
D6 (34)	19/09/23	01:52:16	02:04:15	00:00:40	-----	288-	29-	158-	3437
B3 (15)	19/09/23	01:56:45	02:09:38	00:05:23	-----	264-	43-	55-	10370
A7 (11)	19/09/23	02:07:29	02:20:28	00:10:50	-----	302-	83-	121-	13948
B2 (14)	19/09/23	02:09:50	02:22:33	00:02:04	-----	268-	39-	55-	10352
R1 (117)	19/09/23	02:11:41	02:22:46	00:00:13	-----	290-	28-	161-	27830
A6 (10)	19/09/23	02:13:10	02:26:10	00:03:24	-----	302-	86-	122-	13948
A2 (06)	19/09/23	02:18:43	02:31:44	00:05:33	-----	301-	87-	125-	13948
D8 (36)	19/09/23	02:23:39	02:33:44	00:02:00	-----	278-	17-	178-	3433
B4 (16)	19/09/23	02:24:15	02:36:47	00:03:02	-----	274-	35-	55-	10370
S3 (112)	19/09/23	02:27:46	02:38:40	00:01:53	-----	285-	24-	49-	27796
D3 (31)	19/09/23	02:34:46	02:39:51	00:01:10	-----	256-	7-	207-	3344
A1 (05)	19/09/23	02:36:21	02:49:17	00:09:26	-----	299-	70-	132-	13948
B6 (18)	19/09/23	02:41:51	02:54:10	00:04:52	-----	281-	31-	58-	10353
A4 (08)	19/09/23	02:44:46	02:57:31	00:03:21	-----	297-	58-	138-	13946
D2 (30)	19/09/23	02:50:31	02:56:17	00:01:01	-----	259-	8-	204-	3381
A3 (07)	19/09/23	02:54:04	03:06:48	00:10:31	-----	297-	54-	140-	13949
D4 (32)	19/09/23	02:54:15	02:57:17	00:09:03	-----	247-	6-	219-	3428
R2 (108)	19/09/23	03:01:46	03:09:44	00:07:58	00:04:28	271-	12-	192-	28902
S4 (119)	19/09/23	03:04:05	03:14:35	00:04:50	-----	295-	21-	52-	27713
S1 (116)	19/09/23	03:04:13	03:14:42	00:00:07	-----	296-	21-	53-	27714
D7 (35)	19/09/23	03:07:14	03:13:10	00:01:03	-----	260-	8-	203-	3415
A8 (12)	19/09/23	03:15:00	03:27:13	00:12:13	00:01:49	292-	38-	150-	13949
A5 (09)	19/09/23	03:21:32	03:33:39	00:06:25	-----	291-	35-	153-	13946
B1 (13)	19/09/23	03:22:37	03:34:44	00:01:04	-----	289-	28-	61-	10259
B7 (19)	19/09/23	03:23:10	03:35:13	00:00:29	-----	292-	28-	63-	10353
B8 (20)	19/09/23	03:33:51	03:45:51	00:10:38	-----	294-	27-	64-	10366

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
S2 (113)	19/09/23	03:37:38	03:47:59	00:02:07	-----	303-	20-	58-	27802
B3 (15)	19/09/23	03:43:46	03:55:47	00:07:48	-----	294-	27-	65-	10371
A7 (11)	19/09/23	03:53:18	04:04:04	00:08:17	-----	283-	21-	170-	13949
B2 (14)	19/09/23	03:56:49	04:08:50	00:04:46	-----	297-	27-	67-	10353
A6 (10)	19/09/23	03:59:03	04:09:40	00:00:49	-----	282-	20-	171-	13949
T4 (114)	19/09/23	04:00:25	04:04:29	00:05:01	-----	143-	7-	103-	27681
A2 (06)	19/09/23	04:04:45	04:14:56	00:10:11	00:00:15	279-	18-	175-	13949
B4 (16)	19/09/23	04:11:10	04:23:14	00:08:17	-----	299-	28-	69-	10371
S3 (112)	19/09/23	04:13:03	04:23:33	00:00:19	-----	309-	21-	67-	27797
C7 (27)	19/09/23	04:20:54	04:30:23	00:06:49	-----	178-	15-	84-	9705
A1 (05)	19/09/23	04:22:52	04:31:44	00:01:20	-----	272-	13-	186-	13949
B6 (18)	19/09/23	04:28:37	04:40:52	00:09:07	-----	302-	30-	78-	10354
A4 (08)	19/09/23	04:31:49	04:39:13	00:01:03	-----	266-	10-	195-	13947
T1 (118)	19/09/23	04:31:50	04:40:57	00:01:43	-----	178-	15-	82-	27595
A3 (07)	19/09/23	04:41:23	04:48:11	00:06:48	00:00:25	264-	9-	198-	13950
S4 (119)	19/09/23	04:48:57	04:59:53	00:10:55	00:00:46	312-	24-	77-	27714
S1 (116)	19/09/23	04:49:03	05:00:01	00:00:08	-----	312-	24-	78-	27715
C3 (23)	19/09/23	04:57:00	05:08:40	00:08:39	-----	196-	26-	72-	9677
T2 (110)	19/09/23	05:04:55	05:16:00	00:07:18	-----	196-	28-	69-	27679
B1 (13)	19/09/23	05:09:08	05:21:39	00:05:39	-----	305-	34-	86-	10260
B7 (19)	19/09/23	05:09:34	05:22:11	00:00:32	-----	305-	36-	89-	10354
C1 (21)	19/09/23	05:14:25	05:26:51	00:04:40	-----	208-	37-	67-	9661
B8 (20)	19/09/23	05:20:08	05:32:51	00:06:00	-----	305-	39-	93-	10367
S2 (113)	19/09/23	05:22:01	05:33:30	00:00:39	-----	312-	31-	90-	27803
B3 (15)	19/09/23	05:30:01	05:42:47	00:09:16	-----	305-	40-	93-	10372
T4 (114)	19/09/23	05:39:21	05:51:22	00:08:35	-----	215-	49-	61-	27682
B2 (14)	19/09/23	05:42:57	05:55:50	00:04:28	-----	305-	44-	98-	10354
S3 (112)	19/09/23	05:57:02	06:09:02	00:12:00	00:01:11	311-	43-	103-	27798
B4 (16)	19/09/23	05:57:07	06:10:11	00:01:08	-----	305-	52-	103-	10372
C7 (27)	19/09/23	06:04:01	06:17:14	00:07:02	-----	230-	74-	60-	9706
T1 (118)	19/09/23	06:13:24	06:25:47	00:08:33	-----	232-	87-	55-	27596
B6 (18)	19/09/23	06:14:25	06:27:39	00:01:52	-----	304-	67-	113-	10355
S4 (119)	19/09/23	06:32:42	06:45:02	00:12:19	00:05:02	308-	66-	117-	27715
S1 (116)	19/09/23	06:32:47	06:45:08	00:00:06	-----	308-	69-	119-	27716
C3 (23)	19/09/23	06:41:30	06:54:45	00:09:37	-----	244-	72-	57-	9678
T2 (110)	19/09/23	06:47:51	07:00:07	00:05:21	-----	247-	58-	51-	27680
B1 (13)	19/09/23	06:54:49	07:08:07	00:08:00	-----	302-	90-	124-	10261
B7 (19)	19/09/23	06:55:13	07:08:27	00:00:20	-----	300-	78-	128-	10355
C1 (21)	19/09/23	06:59:33	07:12:40	00:04:12	-----	253-	56-	56-	9662
S2 (113)	19/09/23	07:05:42	07:18:02	00:05:22	-----	303-	75-	133-	27804
B8 (20)	19/09/23	07:05:47	07:18:57	00:00:54	-----	299-	68-	132-	10368
B3 (15)	19/09/23	07:15:40	07:28:51	00:09:53	-----	299-	66-	133-	10373
T4 (114)	19/09/23	07:23:16	07:35:09	00:06:18	-----	261-	39-	49-	27683
B2 (14)	19/09/23	07:28:37	07:41:37	00:06:28	-----	297-	54-	139-	10355
S3 (112)	19/09/23	07:40:53	07:52:43	00:11:06	-----	296-	42-	149-	27799
B4 (16)	19/09/23	07:42:51	07:55:33	00:02:49	-----	294-	42-	147-	10373
C7 (27)	19/09/23	07:50:14	08:02:52	00:07:19	-----	270-	37-	55-	9707
T1 (118)	19/09/23	07:58:09	08:09:28	00:06:35	-----	275-	28-	48-	27597
B6 (18)	19/09/23	08:00:24	08:12:22	00:02:54	-----	288-	30-	158-	10356
K6 (106)	19/09/23	08:04:14	08:09:44	00:02:03	-----	157-	8-	103-	27650

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
S4 (119)	19/09/23	08:16:58	08:27:39	00:10:41	00:07:14	287-	24-	167-	27716
S1 (116)	19/09/23	08:17:07	08:27:38	00:00:00	-----	286-	23-	168-	27717
C3 (23)	19/09/23	08:28:14	08:40:31	00:12:16	00:00:35	281-	31-	58-	9679
T2 (110)	19/09/23	08:33:07	08:43:54	00:03:23	-----	287-	23-	50-	27681
B1 (13)	19/09/23	08:41:15	08:51:55	00:08:00	-----	280-	19-	172-	10262
B7 (19)	19/09/23	08:41:56	08:51:45	00:00:09	-----	276-	16-	180-	10356
C1 (21)	19/09/23	08:46:29	08:58:34	00:06:48	-----	288-	28-	60-	9663
S2 (113)	19/09/23	08:50:54	08:59:06	00:00:31	-----	273-	12-	190-	27805
B8 (20)	19/09/23	08:52:49	09:01:47	00:02:41	-----	272-	13-	186-	10369
B3 (15)	19/09/23	09:02:47	09:11:34	00:08:46	00:00:59	271-	13-	188-	10374
T4 (114)	19/09/23	09:08:48	09:19:13	00:07:39	-----	297-	20-	53-	27684
B2 (14)	19/09/23	09:16:21	09:23:29	00:04:16	-----	263-	9-	199-	10356
G2 (04)	19/09/23	09:30:28	09:40:58	00:10:29	00:06:58	112-	22-	359-	12474
B4 (16)	19/09/23	09:32:00	09:35:44	00:05:01	-----	251-	6-	214-	10374
C7 (27)	19/09/23	09:37:13	09:49:13	00:11:59	00:01:29	298-	27-	68-	9708
K6 (106)	19/09/23	09:43:23	09:55:06	00:05:53	-----	219-	56-	60-	27651
T1 (118)	19/09/23	09:43:38	09:53:59	00:01:07	-----	305-	20-	60-	27598
K9 (109)	19/09/23	09:57:47	10:03:26	00:05:39	00:03:47	156-	8-	103-	26710
T3 (105)	19/09/23	10:09:28	10:17:35	00:08:07	00:06:01	168-	12-	89-	26757
C3 (23)	19/09/23	10:15:01	10:27:13	00:09:37	-----	303-	30-	77-	9680
T2 (110)	19/09/23	10:18:18	10:28:54	00:01:40	-----	310-	21-	69-	27682
K7 (107)	19/09/23	10:29:33	10:38:51	00:09:18	00:00:39	180-	16-	80-	26710
C1 (21)	19/09/23	10:33:02	10:45:26	00:06:35	-----	304-	33-	84-	9664
T4 (114)	19/09/23	10:53:34	11:04:35	00:11:00	00:08:07	312-	25-	80-	27685
K3 (103)	19/09/23	11:04:08	11:15:18	00:10:43	-----	198-	29-	68-	26711
G2 (04)	19/09/23	11:07:38	11:19:58	00:04:40	-----	171-	50-	327-	12475
C7 (27)	19/09/23	11:23:18	11:36:13	00:12:55	00:03:19	305-	46-	100-	9709
K6 (106)	19/09/23	11:26:51	11:38:05	00:01:51	-----	265-	34-	48-	27652
T1 (118)	19/09/23	11:27:55	11:39:32	00:01:27	-----	312-	33-	93-	27599
K9 (109)	19/09/23	11:37:30	11:49:37	00:10:05	-----	219-	55-	60-	26711
T3 (105)	19/09/23	11:51:05	12:03:49	00:12:44	00:01:27	225-	69-	58-	26758
K4 (104)	19/09/23	11:56:05	12:07:28	00:03:39	-----	203-	34-	66-	26872
C3 (23)	19/09/23	12:00:49	12:14:02	00:06:33	-----	304-	66-	113-	9681
T2 (110)	19/09/23	12:02:13	12:14:20	00:00:17	-----	310-	47-	106-	27683
K7 (107)	19/09/23	12:11:15	12:23:37	00:09:17	-----	233-	90-	55-	26711
C1 (21)	19/09/23	12:18:43	12:32:00	00:08:21	-----	302-	85-	122-	9665
T4 (114)	19/09/23	12:37:17	12:49:37	00:12:20	00:05:17	307-	73-	120-	27686
K3 (103)	19/09/23	12:47:09	12:59:22	00:09:45	-----	248-	56-	51-	26712
C7 (27)	19/09/23	13:09:00	13:21:54	00:12:54	00:09:37	296-	51-	141-	9710
T1 (118)	19/09/23	13:11:37	13:23:53	00:01:59	-----	302-	66-	136-	27600
K6 (106)	19/09/23	13:11:43	13:21:27	00:02:02	-----	301-	19-	53-	27653
K9 (109)	19/09/23	13:21:36	13:33:22	00:11:45	00:00:09	264-	36-	49-	26712
T3 (105)	19/09/23	13:36:21	13:48:24	00:12:02	00:02:59	269-	33-	49-	26759
K4 (104)	19/09/23	13:39:29	13:51:33	00:03:08	-----	252-	50-	50-	26873
T2 (110)	19/09/23	13:46:08	13:57:48	00:06:14	-----	294-	37-	153-	27684
C3 (23)	19/09/23	13:46:48	13:58:48	00:01:00	-----	288-	30-	158-	9682
K7 (107)	19/09/23	13:56:03	14:07:18	00:08:29	-----	276-	28-	48-	26712
C1 (21)	19/09/23	14:05:02	14:15:58	00:08:39	-----	282-	21-	170-	9666
T4 (114)	19/09/23	14:21:41	14:31:57	00:10:15	00:05:43	285-	21-	171-	27687
K3 (103)	19/09/23	14:32:27	14:43:11	00:10:43	00:00:30	288-	23-	50-	26713

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
K6 (106)	19/09/23	14:55:37	15:06:09	00:10:31	00:12:26	314-	25-	81-	27654
C7 (27)	19/09/23	14:57:00	15:03:27	00:02:04	-----	259-	9-	204-	9711
T1 (118)	19/09/23	14:57:10	15:04:28	00:01:01	-----	268-	10-	196-	27601
K9 (109)	19/09/23	15:07:09	15:17:31	00:10:21	00:02:41	299-	20-	54-	26713
T3 (105)	19/09/23	15:22:45	15:33:37	00:10:52	00:05:14	301-	21-	58-	26760
D3 (31)	19/09/23	15:23:25	15:32:26	00:01:01	-----	175-	13-	90-	3352
K4 (104)	19/09/23	15:24:58	15:35:32	00:03:06	-----	291-	22-	51-	26874
D2 (30)	19/09/23	15:39:39	15:48:20	00:08:41	00:04:07	173-	13-	89-	3389
K7 (107)	19/09/23	15:41:31	15:51:51	00:03:30	-----	306-	20-	61-	26713
D4 (32)	19/09/23	15:41:57	15:51:39	00:00:01	-----	180-	15-	86-	3436
D7 (35)	19/09/23	15:56:29	16:05:05	00:08:35	00:04:50	172-	12-	89-	3423
R3 (115)	19/09/23	16:02:04	16:10:42	00:05:37	-----	175-	14-	84-	27843
K3 (103)	19/09/23	16:17:37	16:28:12	00:10:35	00:06:54	310-	22-	70-	26714
D6 (34)	19/09/23	16:27:56	16:39:05	00:10:52	-----	192-	22-	75-	3446
R1 (117)	19/09/23	16:33:46	16:43:57	00:04:52	-----	185-	20-	75-	27839
K6 (106)	19/09/23	16:38:33	16:50:23	00:06:26	-----	307-	79-	123-	27655
K9 (109)	19/09/23	16:51:49	17:02:56	00:11:07	00:01:25	312-	26-	82-	26714
D8 (36)	19/09/23	16:57:44	17:10:15	00:07:18	-----	209-	38-	67-	3442
D3 (31)	19/09/23	17:06:17	17:19:26	00:09:11	-----	228-	69-	61-	3353
T3 (105)	19/09/23	17:08:06	17:20:00	00:00:34	-----	312-	31-	89-	26761
K4 (104)	19/09/23	17:10:04	17:20:49	00:00:48	-----	311-	23-	73-	26875
A4 (08)	19/09/23	17:19:41	19:00:40	01:39:51	-----	161-	50-	218-	13955
R2 (108)	19/09/23	17:21:35	17:33:30	01:02:01	-----	212-	45-	62-	28911
D2 (30)	19/09/23	17:22:21	17:35:28	00:01:58	-----	226-	66-	61-	3390
D4 (32)	19/09/23	17:25:15	17:38:28	00:03:00	-----	231-	77-	60-	3437
K7 (107)	19/09/23	17:25:46	17:37:24	00:01:03	-----	312-	34-	94-	26714
A3 (07)	19/09/23	17:28:32	17:35:23	00:02:00	-----	163-	9-	96-	13958
D7 (35)	19/09/23	17:39:07	17:52:14	00:13:06	00:03:43	226-	65-	62-	3424
R3 (115)	19/09/23	17:43:12	17:55:25	00:03:10	-----	230-	82-	56-	27844
A8 (12)	19/09/23	17:47:47	17:57:13	00:01:48	-----	179-	15-	84-	13958
A5 (09)	19/09/23	17:54:06	18:03:51	00:06:37	-----	182-	16-	85-	13955
K3 (103)	19/09/23	18:01:30	18:13:37	00:09:46	-----	310-	49-	108-	26715
D6 (34)	19/09/23	18:12:04	18:25:20	00:11:42	-----	240-	81-	58-	3447
R1 (117)	19/09/23	18:16:02	18:28:23	00:03:03	-----	239-	75-	53-	27840
K6 (106)	19/09/23	18:22:23	18:31:46	00:03:22	-----	281-	18-	176-	27656
A7 (11)	19/09/23	18:24:16	18:35:50	00:04:03	-----	198-	27-	73-	13958
A6 (10)	19/09/23	18:29:52	18:41:32	00:05:42	-----	199-	29-	73-	13958
A2 (06)	19/09/23	18:35:13	18:47:09	00:05:36	-----	203-	32-	69-	13958
K9 (109)	19/09/23	18:35:30	18:47:52	00:00:43	-----	306-	81-	123-	26715
D8 (36)	19/09/23	18:42:56	18:56:03	00:08:11	-----	254-	55-	55-	3443
D3 (31)	19/09/23	18:52:24	19:05:05	00:09:01	-----	268-	39-	54-	3354
A1 (05)	19/09/23	18:52:31	19:04:56	00:00:09	-----	211-	41-	66-	13958
T3 (105)	19/09/23	18:52:40	19:05:29	00:00:33	-----	304-	80-	131-	26762
K4 (104)	19/09/23	18:53:58	19:06:16	00:00:46	-----	309-	56-	112-	26876
R2 (108)	19/09/23	19:05:22	19:17:19	00:11:02	-----	259-	41-	49-	28912
D2 (30)	19/09/23	19:08:25	19:21:07	00:03:48	-----	267-	39-	54-	3391
K7 (107)	19/09/23	19:09:28	19:21:42	00:00:35	-----	301-	63-	137-	26715
A3 (07)	19/09/23	19:09:56	19:22:41	00:00:58	-----	221-	54-	64-	13959
D4 (32)	19/09/23	19:11:34	19:24:10	00:01:29	-----	271-	37-	54-	3438
D7 (35)	19/09/23	19:25:10	19:37:53	00:12:43	00:00:59	267-	40-	54-	3425

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
R3 (115)	19/09/23	19:27:35	19:38:49	00:00:55	-----	274-	29-	48-	27845
A8 (12)	19/09/23	19:30:33	19:43:31	00:04:42	-----	231-	76-	60-	13959
A5 (09)	19/09/23	19:37:03	19:50:02	00:06:30	-----	233-	80-	60-	13956
K3 (103)	19/09/23	19:45:26	19:57:01	00:06:59	-----	294-	35-	154-	26716
D6 (34)	19/09/23	19:58:40	20:11:02	00:12:22	00:01:39	278-	32-	57-	3448
R1 (117)	19/09/23	20:01:02	20:12:05	00:01:02	-----	281-	25-	49-	27841
A7 (11)	19/09/23	20:08:24	20:21:23	00:09:17	-----	246-	69-	56-	13959
A6 (10)	19/09/23	20:14:05	20:27:03	00:05:40	-----	247-	67-	56-	13959
A2 (06)	19/09/23	20:19:39	20:32:35	00:05:32	-----	250-	61-	56-	13959
K9 (109)	19/09/23	20:20:03	20:29:56	00:02:03	-----	282-	19-	176-	26716
D8 (36)	19/09/23	20:29:52	20:41:59	00:12:02	-----	288-	28-	59-	3444
A1 (05)	19/09/23	20:37:24	20:50:13	00:08:14	-----	256-	51-	55-	13959
K4 (104)	19/09/23	20:38:07	20:49:28	00:00:04	-----	291-	30-	159-	26877
T3 (105)	19/09/23	20:38:32	20:47:38	00:01:04	-----	276-	14-	185-	26763
D3 (31)	19/09/23	20:39:24	20:51:23	00:03:44	-----	297-	27-	66-	3355
A4 (08)	19/09/23	20:45:52	20:58:33	00:07:10	-----	261-	45-	54-	13957
R2 (108)	19/09/23	20:50:53	21:01:20	00:02:46	-----	296-	21-	53-	28913
K7 (107)	19/09/23	20:55:09	21:02:06	00:00:45	-----	266-	10-	200-	26716
A3 (07)	19/09/23	20:55:15	21:07:53	00:05:47	-----	263-	43-	54-	13960
D2 (30)	19/09/23	20:55:25	21:07:23	00:00:02	-----	296-	27-	65-	3392
D4 (32)	19/09/23	20:58:36	21:10:37	00:03:13	-----	298-	27-	67-	3439
D7 (35)	19/09/23	21:12:10	21:24:08	00:11:58	00:01:33	296-	27-	65-	3426
R3 (115)	19/09/23	21:12:48	21:22:59	00:01:09	-----	305-	19-	59-	27846
A8 (12)	19/09/23	21:16:20	21:28:41	00:05:42	-----	271-	36-	55-	13960
A5 (09)	19/09/23	21:22:54	21:35:11	00:06:30	-----	272-	35-	54-	13957
B8 (20)	19/09/23	21:45:19	21:50:25	00:05:05	00:10:07	150-	7-	104-	10377
D6 (34)	19/09/23	21:45:31	21:57:39	00:07:14	-----	301-	29-	74-	3449
R1 (117)	19/09/23	21:46:25	21:56:49	00:00:05	-----	308-	20-	64-	27842
A7 (11)	19/09/23	21:54:42	22:06:39	00:09:50	-----	282-	30-	56-	13960
B3 (15)	19/09/23	21:54:56	22:00:30	00:06:09	-----	156-	8-	102-	10382
A6 (10)	19/09/23	22:00:25	22:12:20	00:11:50	-----	283-	29-	56-	13960
S3 (112)	19/09/23	22:04:21	22:12:48	00:00:27	-----	173-	13-	86-	27808
A2 (06)	19/09/23	22:06:02	22:17:56	00:05:08	-----	285-	29-	58-	13960
B2 (14)	19/09/23	22:06:34	22:14:19	00:03:03	-----	166-	11-	94-	10364
D8 (36)	19/09/23	22:16:25	22:28:53	00:12:28	00:02:05	304-	33-	83-	3445
B4 (16)	19/09/23	22:19:33	22:29:01	00:00:07	-----	178-	15-	88-	10382
A1 (05)	19/09/23	22:23:54	22:35:42	00:06:41	-----	290-	27-	61-	13960
D3 (31)	19/09/23	22:25:32	22:38:24	00:02:42	-----	305-	44-	97-	3356
A4 (08)	19/09/23	22:32:25	22:44:08	00:05:43	-----	292-	27-	61-	13958
R2 (108)	19/09/23	22:35:42	22:46:39	00:02:31	-----	312-	24-	78-	28914
B6 (18)	19/09/23	22:35:58	22:47:06	00:00:26	-----	192-	22-	75-	10365
S4 (119)	19/09/23	22:38:38	22:49:21	00:02:15	-----	191-	24-	71-	27725
S1 (116)	19/09/23	22:38:38	22:49:29	00:00:08	-----	193-	25-	70-	27726
D2 (30)	19/09/23	22:41:34	22:54:25	00:04:55	-----	305-	43-	96-	3393
A3 (07)	19/09/23	22:41:48	22:53:31	00:00:05	-----	294-	27-	62-	13961
D4 (32)	19/09/23	22:44:42	22:57:41	00:04:10	-----	305-	47-	100-	3440
R3 (115)	19/09/23	22:56:50	23:08:14	00:10:33	-----	313-	31-	91-	27847
D7 (35)	19/09/23	22:58:20	23:11:09	00:02:55	-----	306-	42-	95-	3427
A8 (12)	19/09/23	23:02:50	23:14:33	00:03:24	-----	298-	27-	68-	13961
A5 (09)	19/09/23	23:09:24	23:21:06	00:06:32	-----	299-	27-	67-	13958

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
S2 (113)	19/09/23	23:10:50	23:22:43	00:01:37	-----	211-	44-	62-	27814
B1 (13)	19/09/23	23:15:42	23:27:58	00:05:14	-----	204-	33-	69-	10271
B7 (19)	19/09/23	23:15:47	23:28:22	00:00:24	-----	210-	40-	66-	10365
G2 (04)	19/09/23	23:25:24	23:36:27	00:08:05	-----	44-	24-	166-	12482
B8 (20)	19/09/23	23:26:11	23:39:00	00:02:32	-----	215-	46-	65-	10378
R1 (117)	19/09/23	23:30:30	23:42:20	00:03:21	-----	312-	38-	99-	27843
D6 (34)	19/09/23	23:31:23	23:44:34	00:02:13	-----	305-	59-	109-	3450
B3 (15)	19/09/23	23:36:00	23:48:52	00:04:17	-----	217-	47-	65-	10383
A7 (11)	19/09/23	23:40:58	23:52:54	00:04:01	-----	303-	29-	76-	13961
S3 (112)	19/09/23	23:45:32	23:57:54	00:05:00	-----	228-	77-	57-	27809
A6 (10)	19/09/23	23:46:39	23:58:36	00:00:42	-----	303-	30-	77-	13961
B2 (14)	19/09/23	23:48:45	00:01:49	00:03:12	-----	223-	58-	62-	10365
A2 (06)	19/09/23	23:52:12	00:04:16	00:02:26	-----	304-	31-	80-	13961
D8 (36)	19/09/24	00:02:06	00:15:25	00:11:09	-----	302-	87-	122-	3446
B4 (16)	19/09/24	00:02:37	00:15:51	00:00:25	-----	230-	73-	60-	10383
A1 (05)	19/09/24	00:09:55	00:22:08	00:06:17	-----	305-	33-	86-	13961
D3 (31)	19/09/24	00:11:12	00:24:13	00:02:04	-----	297-	55-	139-	3357
A4 (08)	19/09/24	00:18:17	00:30:37	00:06:24	-----	305-	36-	88-	13959
R2 (108)	19/09/24	00:19:26	00:31:46	00:01:08	-----	308-	69-	118-	28915
B6 (18)	19/09/24	00:20:03	00:33:22	00:01:35	-----	240-	83-	58-	10366
S4 (119)	19/09/24	00:21:16	00:33:36	00:00:14	-----	243-	66-	52-	27726
S1 (116)	19/09/24	00:21:22	00:33:42	00:00:05	-----	245-	63-	52-	27727
D2 (30)	19/09/24	00:27:13	00:40:18	00:06:35	-----	297-	58-	138-	3394
A3 (07)	19/09/24	00:27:37	00:40:02	00:00:01	-----	306-	38-	90-	13962
D4 (32)	19/09/24	00:30:28	00:43:22	00:03:20	-----	296-	49-	143-	3441
R3 (115)	19/09/24	00:40:15	00:52:25	00:09:02	-----	302-	71-	134-	27848
D7 (35)	19/09/24	00:43:59	00:57:03	00:04:38	-----	297-	59-	138-	3428
A8 (12)	19/09/24	00:48:26	01:01:05	00:04:01	-----	306-	45-	100-	13962
S2 (113)	19/09/24	00:54:33	01:06:34	00:05:28	-----	258-	42-	49-	27815
A5 (09)	19/09/24	00:54:56	01:07:37	00:01:03	-----	305-	47-	100-	13959
B1 (13)	19/09/24	01:00:39	01:13:52	00:06:14	-----	250-	61-	56-	10272
B7 (19)	19/09/24	01:01:03	01:14:10	00:00:17	-----	255-	54-	55-	10366
G2 (04)	19/09/24	01:03:20	01:15:30	00:01:20	-----	13-	42-	228-	12483
B8 (20)	19/09/24	01:11:42	01:24:43	00:09:12	-----	258-	49-	55-	10379
R1 (117)	19/09/24	01:14:15	01:26:18	00:01:35	-----	299-	50-	144-	27844
D6 (34)	19/09/24	01:17:14	01:29:38	00:03:20	-----	291-	35-	152-	3451
B3 (15)	19/09/24	01:21:34	01:34:34	00:04:56	-----	259-	48-	55-	10384
A7 (11)	19/09/24	01:26:16	01:39:13	00:04:38	-----	304-	67-	113-	13962
S3 (112)	19/09/24	01:30:07	01:41:35	00:02:22	-----	272-	30-	48-	27810
A6 (10)	19/09/24	01:31:56	01:44:53	00:03:18	-----	304-	69-	114-	13962
B2 (14)	19/09/24	01:34:37	01:47:29	00:02:35	-----	264-	43-	55-	10366
A2 (06)	19/09/24	01:37:27	01:50:28	00:02:59	-----	303-	75-	117-	13962
D8 (36)	19/09/24	01:48:27	01:59:20	00:08:52	-----	282-	21-	171-	3447
B4 (16)	19/09/24	01:48:48	02:01:29	00:02:08	-----	270-	38-	54-	10384
A1 (05)	19/09/24	01:55:06	02:08:07	00:06:38	-----	301-	89-	124-	13962
D3 (31)	19/09/24	01:58:53	02:06:09	00:01:05	-----	265-	10-	196-	3358
A4 (08)	19/09/24	02:03:27	02:16:23	00:10:14	-----	300-	75-	130-	13960
R2 (108)	19/09/24	02:03:45	02:14:16	00:02:07	-----	286-	23-	168-	28916
S4 (119)	19/09/24	02:06:26	02:17:21	00:03:05	-----	284-	24-	49-	27727
S1 (116)	19/09/24	02:06:34	02:17:27	00:00:06	-----	285-	24-	49-	27728

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
B6 (18)	19/09/24	02:06:38	02:19:03	00:01:35	-----	278-	33-	57-	10367
A3 (07)	19/09/24	02:12:47	02:25:43	00:06:39	-----	299-	71-	132-	13963
D2 (30)	19/09/24	02:14:44	02:22:27	00:03:01	-----	267-	10-	193-	3395
D4 (32)	19/09/24	02:18:43	02:24:43	00:02:15	-----	260-	8-	204-	3442
R3 (115)	19/09/24	02:25:19	02:32:59	00:07:39	00:00:36	270-	11-	193-	27849
D7 (35)	19/09/24	02:31:27	02:39:16	00:06:17	-----	268-	11-	192-	3429
A8 (12)	19/09/24	02:33:39	02:46:17	00:07:00	-----	296-	50-	142-	13963
S2 (113)	19/09/24	02:40:04	02:50:34	00:04:16	-----	295-	21-	52-	27816
A5 (09)	19/09/24	02:40:10	02:52:43	00:02:09	-----	295-	47-	144-	13960
B1 (13)	19/09/24	02:47:32	02:59:43	00:07:00	-----	286-	29-	59-	10273
B7 (19)	19/09/24	02:48:00	03:00:06	00:00:22	-----	289-	28-	61-	10367
B8 (20)	19/09/24	02:58:41	03:10:43	00:10:37	-----	291-	28-	62-	10380
R1 (117)	19/09/24	03:00:53	03:05:31	00:05:01	-----	253-	7-	215-	27845
B3 (15)	19/09/24	03:08:33	03:20:37	00:12:03	00:03:02	291-	28-	63-	10385
A7 (11)	19/09/24	03:11:48	03:23:26	00:02:49	-----	288-	28-	160-	13963
S3 (112)	19/09/24	03:15:39	03:26:00	00:02:33	-----	303-	20-	58-	27811
A6 (10)	19/09/24	03:17:29	03:29:01	00:03:01	-----	287-	27-	161-	13963
B2 (14)	19/09/24	03:21:38	03:33:39	00:04:37	-----	294-	27-	65-	10367
A2 (06)	19/09/24	03:23:07	03:34:21	00:00:42	-----	285-	24-	164-	13963
B4 (16)	19/09/24	03:35:46	03:47:48	00:12:01	00:01:25	297-	27-	67-	10385
T1 (118)	19/09/24	03:37:29	03:41:57	00:05:05	-----	145-	7-	102-	27609
A1 (05)	19/09/24	03:41:06	03:51:24	00:09:27	-----	279-	19-	174-	13963
C7 (27)	19/09/24	03:46:41	03:54:55	00:03:30	-----	170-	12-	91-	9719
A4 (08)	19/09/24	03:49:47	03:59:07	00:04:11	-----	275-	15-	182-	13961
S4 (119)	19/09/24	03:51:43	04:02:14	00:03:07	-----	309-	21-	67-	27728
S1 (116)	19/09/24	03:51:50	04:02:22	00:00:08	-----	309-	21-	67-	27729
B6 (18)	19/09/24	03:53:29	04:05:38	00:03:16	-----	301-	29-	74-	10368
A3 (07)	19/09/24	03:59:16	04:08:11	00:02:32	-----	273-	14-	185-	13964
T2 (110)	19/09/24	04:09:09	04:18:14	00:09:05	00:00:58	178-	15-	82-	27693
A8 (12)	19/09/24	04:21:17	04:27:15	00:05:58	00:03:02	257-	8-	206-	13964
C3 (23)	19/09/24	04:22:31	04:33:36	00:06:20	-----	192-	22-	76-	9691
S2 (113)	19/09/24	04:24:55	04:35:52	00:02:15	-----	312-	24-	77-	27817
A5 (09)	19/09/24	04:28:09	04:33:18	00:02:03	-----	256-	7-	208-	13961
B1 (13)	19/09/24	04:34:10	04:46:33	00:12:23	00:00:52	304-	32-	82-	10274
B7 (19)	19/09/24	04:34:31	04:47:00	00:00:26	-----	304-	34-	85-	10368
C1 (21)	19/09/24	04:39:41	04:51:44	00:04:43	-----	201-	31-	70-	9675
T4 (114)	19/09/24	04:43:00	04:54:02	00:02:18	-----	196-	27-	69-	27696
B8 (20)	19/09/24	04:45:06	04:57:41	00:03:38	-----	305-	36-	88-	10381
B3 (15)	19/09/24	04:54:57	05:07:34	00:09:53	-----	305-	36-	89-	10386
S3 (112)	19/09/24	05:00:02	05:11:31	00:03:57	-----	312-	31-	90-	27812
B2 (14)	19/09/24	05:07:53	05:20:38	00:09:06	-----	305-	40-	94-	10368
T1 (118)	19/09/24	05:16:37	05:28:40	00:08:01	-----	216-	50-	61-	27610
B4 (16)	19/09/24	05:21:50	05:34:47	00:06:06	-----	305-	46-	98-	10386
C7 (27)	19/09/24	05:29:08	05:42:14	00:07:27	-----	224-	62-	62-	9720
S4 (119)	19/09/24	05:35:43	05:47:43	00:05:29	-----	311-	43-	103-	27729
S1 (116)	19/09/24	05:35:48	05:47:50	00:00:07	-----	311-	44-	104-	27730
B6 (18)	19/09/24	05:39:22	05:52:32	00:04:41	-----	305-	58-	108-	10369
T2 (110)	19/09/24	05:50:43	06:03:05	00:10:33	-----	232-	86-	55-	27694
C3 (23)	19/09/24	06:06:36	06:19:53	00:13:17	00:03:30	239-	83-	58-	9692
S2 (113)	19/09/24	06:08:40	06:21:00	00:01:06	-----	308-	67-	117-	27818

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
B1 (13)	19/09/24	06:19:54	06:33:12	00:12:12	-----	303-	79-	119-	10275
B7 (19)	19/09/24	06:20:11	06:33:28	00:00:16	-----	302-	90-	123-	10369
C1 (21)	19/09/24	06:24:28	06:37:40	00:04:11	-----	248-	64-	56-	9676
T4 (114)	19/09/24	06:25:54	06:38:10	00:00:29	-----	246-	59-	51-	27697
B8 (20)	19/09/24	06:30:45	06:44:00	00:05:50	-----	301-	81-	127-	10382
B3 (15)	19/09/24	06:40:36	06:53:52	00:09:51	-----	300-	79-	128-	10387
S3 (112)	19/09/24	06:43:43	06:56:03	00:02:11	-----	303-	75-	133-	27813
B2 (14)	19/09/24	06:53:32	07:06:41	00:10:37	-----	299-	65-	134-	10369
T1 (118)	19/09/24	07:00:35	07:12:26	00:05:45	-----	262-	39-	49-	27611
B4 (16)	19/09/24	07:07:30	07:20:27	00:08:00	-----	296-	51-	141-	10387
C7 (27)	19/09/24	07:15:07	07:27:53	00:07:25	-----	266-	41-	55-	9721
S4 (119)	19/09/24	07:19:34	07:31:25	00:03:32	-----	296-	43-	148-	27730
S1 (116)	19/09/24	07:19:40	07:31:28	00:00:02	-----	296-	41-	150-	27731
B6 (18)	19/09/24	07:25:13	07:37:37	00:06:09	-----	291-	36-	152-	10370
T2 (110)	19/09/24	07:35:27	07:46:46	00:09:09	-----	275-	28-	48-	27695
S2 (113)	19/09/24	07:52:57	08:03:36	00:10:39	00:06:10	287-	24-	167-	27819
C3 (23)	19/09/24	07:53:11	08:05:35	00:01:58	-----	278-	33-	57-	9693
B1 (13)	19/09/24	08:06:06	08:17:29	00:11:22	00:00:30	284-	24-	166-	10276
B7 (19)	19/09/24	08:06:36	08:17:16	00:00:01	-----	281-	20-	172-	10370
T4 (114)	19/09/24	08:11:09	08:21:57	00:04:40	-----	287-	23-	50-	27698
C1 (21)	19/09/24	08:11:18	08:23:28	00:01:31	-----	284-	29-	59-	9677
B8 (20)	19/09/24	08:17:24	08:27:25	00:03:56	-----	277-	17-	178-	10383
B3 (15)	19/09/24	08:27:18	08:37:11	00:09:46	-----	276-	16-	180-	10388
S3 (112)	19/09/24	08:28:56	08:37:06	00:00:05	-----	272-	12-	190-	27814
K6 (106)	19/09/24	08:37:41	08:48:15	00:10:34	00:00:34	195-	26-	70-	27665
B2 (14)	19/09/24	08:40:40	08:49:20	00:01:04	-----	270-	12-	189-	10370
T1 (118)	19/09/24	08:46:06	08:56:32	00:07:11	-----	297-	20-	54-	27612
B4 (16)	19/09/24	08:55:28	09:02:04	00:05:32	-----	262-	9-	201-	10388
C7 (27)	19/09/24	09:02:07	09:14:06	00:11:58	00:00:03	295-	27-	66-	9722
G2 (04)	19/09/24	09:03:34	09:11:22	00:02:04	-----	90-	11-	11-	12488
T2 (110)	19/09/24	09:20:56	09:31:17	00:10:20	00:09:34	305-	20-	60-	27696
T3 (105)	19/09/24	09:26:10	09:30:16	00:01:01	-----	147-	6-	109-	26771
K7 (107)	19/09/24	09:35:02	09:40:05	00:05:03	00:04:45	154-	7-	101-	26724
C3 (23)	19/09/24	09:40:04	09:52:10	00:12:05	-----	301-	29-	74-	9694
T4 (114)	19/09/24	09:56:22	10:06:55	00:10:32	00:04:11	310-	21-	69-	27699
C1 (21)	19/09/24	09:57:59	10:10:16	00:03:20	-----	303-	31-	80-	9678
K3 (103)	19/09/24	10:08:17	10:17:35	00:07:19	-----	180-	16-	80-	26725
K6 (106)	19/09/24	10:19:51	10:31:40	00:11:48	00:02:16	247-	58-	51-	27666
T1 (118)	19/09/24	10:30:51	10:41:54	00:10:14	-----	312-	25-	80-	27613
G2 (04)	19/09/24	10:38:49	10:51:26	00:09:31	-----	151-	81-	338-	12489
K9 (109)	19/09/24	10:41:05	10:52:21	00:00:54	-----	200-	31-	67-	26725
C7 (27)	19/09/24	10:48:20	11:01:06	00:08:45	-----	305-	41-	95-	9723
K4 (104)	19/09/24	11:01:25	11:11:20	00:09:54	00:00:18	183-	19-	76-	26886
T2 (110)	19/09/24	11:05:13	11:16:50	00:05:30	-----	312-	33-	93-	27697
T3 (105)	19/09/24	11:05:45	11:18:10	00:01:20	-----	214-	48-	62-	26772
K7 (107)	19/09/24	11:14:26	11:26:31	00:08:21	-----	217-	52-	61-	26725
C3 (23)	19/09/24	11:25:57	11:39:05	00:12:33	-----	305-	58-	108-	9695
T4 (114)	19/09/24	11:40:17	11:52:21	00:12:03	00:01:12	311-	46-	106-	27700
C1 (21)	19/09/24	11:43:43	11:56:58	00:04:36	-----	303-	74-	117-	9679
K3 (103)	19/09/24	11:50:00	12:02:21	00:05:23	-----	233-	90-	55-	26726

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
K6 (106)	19/09/24	12:04:25	12:14:40	00:10:14	00:02:04	288-	22-	48-	27667
T1 (118)	19/09/24	12:14:33	12:26:56	00:12:16	-----	307-	75-	121-	27614
G2 (04)	19/09/24	12:20:07	12:27:51	00:00:55	-----	220-	11-	294-	12490
K9 (109)	19/09/24	12:24:11	12:36:23	00:08:31	-----	249-	54-	51-	26726
C7 (27)	19/09/24	12:33:59	12:47:04	00:10:40	-----	298-	61-	136-	9724
K4 (104)	19/09/24	12:43:40	12:55:56	00:08:52	-----	238-	78-	54-	26887
T2 (110)	19/09/24	12:48:55	13:01:12	00:05:15	-----	302-	66-	136-	27698
T3 (105)	19/09/24	12:50:27	13:02:50	00:01:38	-----	259-	42-	50-	26773
K7 (107)	19/09/24	12:58:28	13:10:17	00:07:26	-----	263-	38-	49-	26726
C3 (23)	19/09/24	13:11:48	13:24:12	00:12:23	00:01:31	291-	36-	152-	9696
T4 (114)	19/09/24	13:24:11	13:35:51	00:11:39	-----	295-	38-	152-	27701
C1 (21)	19/09/24	13:29:49	13:41:23	00:05:32	-----	286-	26-	163-	9680
K3 (103)	19/09/24	13:34:46	13:46:02	00:04:38	-----	276-	28-	48-	26727
K6 (106)	19/09/24	13:48:56	13:58:51	00:09:54	00:02:54	311-	20-	66-	27668
T1 (118)	19/09/24	13:59:00	14:09:14	00:10:14	00:00:08	284-	21-	172-	27615
K9 (109)	19/09/24	14:09:31	14:20:13	00:10:41	00:00:17	289-	22-	50-	26727
C7 (27)	19/09/24	14:21:19	14:29:28	00:08:09	00:01:05	267-	11-	193-	9725
K4 (104)	19/09/24	14:28:43	14:39:45	00:10:16	-----	280-	26-	48-	26888
T2 (110)	19/09/24	14:34:27	14:41:48	00:02:02	-----	268-	11-	196-	27699
T3 (105)	19/09/24	14:36:50	14:47:48	00:06:00	-----	295-	22-	54-	26774
K7 (107)	19/09/24	14:44:01	14:54:24	00:06:35	-----	298-	20-	54-	26727
D3 (31)	19/09/24	14:49:19	14:56:56	00:02:32	-----	166-	10-	93-	3366
D2 (30)	19/09/24	15:05:37	15:12:47	00:07:10	00:08:40	164-	10-	95-	3403
D4 (32)	19/09/24	15:08:28	15:17:05	00:04:17	-----	172-	12-	93-	3450
K3 (103)	19/09/24	15:20:15	15:30:34	00:10:19	00:03:09	305-	20-	60-	26728
D7 (35)	19/09/24	15:22:26	15:29:28	00:01:06	-----	164-	9-	96-	3437
K6 (106)	19/09/24	15:32:07	15:43:36	00:11:28	00:02:38	311-	43-	104-	27669
R1 (117)	19/09/24	15:38:26	15:45:40	00:02:04	-----	165-	10-	93-	27853
D6 (34)	19/09/24	15:53:30	16:03:55	00:10:24	00:07:49	186-	18-	79-	3460
K9 (109)	19/09/24	15:54:39	16:05:16	00:01:21	-----	310-	22-	71-	26728
K4 (104)	19/09/24	16:14:12	16:24:34	00:10:22	00:08:55	307-	20-	63-	26889
T3 (105)	19/09/24	16:22:29	16:34:02	00:09:27	-----	311-	26-	80-	26775
D8 (36)	19/09/24	16:23:06	16:35:13	00:01:11	-----	202-	32-	70-	3456
R2 (108)	19/09/24	16:25:18	16:36:06	00:00:53	-----	193-	25-	71-	28925
K7 (107)	19/09/24	16:28:43	16:39:48	00:03:41	-----	312-	26-	81-	26728
D3 (31)	19/09/24	16:31:27	16:44:28	00:04:40	-----	222-	58-	63-	3367
R3 (115)	19/09/24	16:42:44	16:54:28	00:10:00	-----	211-	44-	62-	27858
D2 (30)	19/09/24	16:47:32	17:00:29	00:06:00	-----	221-	55-	64-	3404
D4 (32)	19/09/24	16:51:10	17:04:17	00:03:48	-----	226-	65-	62-	3451
D7 (35)	19/09/24	17:04:16	17:17:13	00:12:55	-----	220-	54-	64-	3438
K3 (103)	19/09/24	17:04:29	17:16:07	00:01:06	-----	312-	34-	94-	26729
A8 (12)	19/09/24	17:07:41	17:15:14	00:00:05	-----	166-	10-	95-	13972
A5 (09)	19/09/24	17:13:53	17:21:56	00:06:41	-----	170-	11-	91-	13969
K6 (106)	19/09/24	17:15:15	17:26:29	00:04:33	-----	295-	39-	151-	27670
R1 (117)	19/09/24	17:18:59	17:31:14	00:04:44	-----	223-	65-	58-	27854
D6 (34)	19/09/24	17:37:10	17:50:25	00:13:15	00:05:56	235-	87-	59-	3461
K9 (109)	19/09/24	17:38:31	17:50:40	00:00:14	-----	310-	51-	109-	26729
A7 (11)	19/09/24	17:43:38	17:54:19	00:03:38	-----	190-	20-	79-	13972
A6 (10)	19/09/24	17:49:10	18:00:00	00:05:41	-----	191-	21-	78-	13972
A2 (06)	19/09/24	17:54:28	18:05:39	00:05:38	-----	193-	24-	74-	13972

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
K4 (104)	19/09/24	17:58:23	18:10:15	00:04:35	-----	312-	38-	98-	26890
T3 (105)	19/09/24	18:07:06	18:19:56	00:09:41	-----	307-	74-	121-	26776
D8 (36)	19/09/24	18:07:57	18:21:09	00:01:13	-----	249-	63-	55-	3457
R2 (108)	19/09/24	18:08:01	18:20:19	00:00:05	-----	244-	63-	52-	28926
A1 (05)	19/09/24	18:11:40	18:23:33	00:03:13	-----	202-	31-	70-	13972
K7 (107)	19/09/24	18:12:25	18:24:47	00:01:13	-----	307-	78-	122-	26729
D3 (31)	19/09/24	18:17:19	18:30:08	00:05:21	-----	264-	43-	54-	3368
A4 (08)	19/09/24	18:19:41	18:31:58	00:01:50	-----	209-	38-	68-	13970
R3 (115)	19/09/24	18:26:12	18:38:01	00:06:02	-----	259-	41-	49-	27859
A3 (07)	19/09/24	18:28:58	18:41:21	00:03:20	-----	211-	41-	67-	13973
D2 (30)	19/09/24	18:33:20	18:46:10	00:04:48	-----	263-	44-	54-	3405
D4 (32)	19/09/24	18:37:16	18:50:00	00:03:50	-----	267-	40-	54-	3452
K3 (103)	19/09/24	18:48:11	19:00:25	00:10:25	-----	301-	63-	137-	26730
A8 (12)	19/09/24	18:49:26	19:02:15	00:01:49	-----	223-	58-	62-	13973
D7 (35)	19/09/24	18:50:02	19:02:54	00:00:38	-----	262-	44-	54-	3439
A5 (09)	19/09/24	18:55:54	19:08:45	00:05:51	-----	225-	62-	62-	13970
R1 (117)	19/09/24	19:03:19	19:14:56	00:06:10	-----	268-	33-	48-	27855
K9 (109)	19/09/24	19:22:29	19:33:58	00:11:29	00:07:33	293-	34-	156-	26730
D6 (34)	19/09/24	19:23:36	19:36:06	00:02:07	-----	274-	34-	56-	3462
A7 (11)	19/09/24	19:27:09	19:40:10	00:04:04	-----	238-	86-	58-	13973
A6 (10)	19/09/24	19:32:47	19:45:49	00:05:38	-----	239-	83-	58-	13973
A2 (06)	19/09/24	19:38:18	19:51:20	00:05:31	-----	242-	76-	57-	13973
K4 (104)	19/09/24	19:42:13	19:54:24	00:03:03	-----	299-	52-	143-	26891
T3 (105)	19/09/24	19:52:21	20:03:08	00:08:44	-----	285-	22-	170-	26777
R2 (108)	19/09/24	19:53:13	20:04:04	00:00:55	-----	285-	24-	49-	28927
D8 (36)	19/09/24	19:54:48	20:07:00	00:02:54	-----	284-	29-	57-	3458
A1 (05)	19/09/24	19:56:03	20:09:00	00:02:01	-----	249-	63-	56-	13973
K7 (107)	19/09/24	19:56:54	20:06:58	00:02:02	-----	283-	20-	174-	26730
D3 (31)	19/09/24	20:04:20	20:16:18	00:09:20	-----	294-	27-	63-	3369
A4 (08)	19/09/24	20:04:26	20:17:17	00:00:59	-----	254-	55-	55-	13971
R3 (115)	19/09/24	20:11:25	20:21:44	00:04:26	-----	296-	20-	52-	27860
A3 (07)	19/09/24	20:13:50	20:26:39	00:04:55	-----	256-	52-	54-	13974
D2 (30)	19/09/24	20:20:20	20:32:18	00:05:39	-----	294-	27-	62-	3406
D4 (32)	19/09/24	20:24:20	20:36:19	00:04:00	-----	296-	27-	65-	3453
K3 (103)	19/09/24	20:33:52	20:40:49	00:04:30	-----	266-	10-	200-	26731
A8 (12)	19/09/24	20:34:52	20:47:26	00:06:36	-----	265-	42-	55-	13974
D7 (35)	19/09/24	20:37:03	20:49:01	00:01:35	-----	293-	27-	62-	3440
A5 (09)	19/09/24	20:41:25	20:53:55	00:04:53	-----	266-	40-	54-	13971
R1 (117)	19/09/24	20:48:52	20:59:11	00:05:16	-----	301-	20-	56-	27856
D6 (34)	19/09/24	21:10:32	21:22:35	00:12:03	00:11:20	300-	28-	71-	3463
A7 (11)	19/09/24	21:13:13	21:25:22	00:02:46	-----	277-	32-	54-	13974
A6 (10)	19/09/24	21:18:54	21:31:01	00:05:38	-----	278-	32-	55-	13974
A2 (06)	19/09/24	21:24:30	21:36:35	00:05:33	-----	280-	31-	57-	13974
K4 (104)	19/09/24	21:28:41	21:34:02	00:02:03	-----	256-	8-	211-	26892
B2 (14)	19/09/24	21:32:39	21:38:27	00:04:25	-----	157-	8-	105-	10378
R2 (108)	19/09/24	21:38:28	21:48:59	00:10:30	-----	309-	21-	67-	28928
D8 (36)	19/09/24	21:41:28	21:53:48	00:04:49	-----	303-	31-	79-	3459
A1 (05)	19/09/24	21:42:25	21:54:20	00:00:32	-----	285-	29-	58-	13974
S1 (116)	19/09/24	21:43:00	21:51:38	00:02:04	-----	174-	14-	85-	27740
S4 (119)	19/09/24	21:43:05	21:51:27	00:00:01	-----	172-	13-	87-	27739

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
B4 (16)	19/09/24	21:45:03	21:53:14	00:01:47	-----	169-	11-	91-	10396
D3 (31)	19/09/24	21:50:35	22:03:19	00:10:05	-----	305-	40-	92-	3370
A4 (08)	19/09/24	21:50:54	22:02:42	00:00:03	-----	288-	28-	58-	13972
R3 (115)	19/09/24	21:55:58	22:06:45	00:04:02	-----	312-	24-	77-	27861
A3 (07)	19/09/24	22:00:20	22:12:07	00:05:21	-----	289-	27-	59-	13975
B6 (18)	19/09/24	22:01:24	22:11:46	00:00:02	-----	185-	18-	80-	10379
D2 (30)	19/09/24	22:06:36	22:19:19	00:07:32	-----	305-	39-	91-	3407
D4 (32)	19/09/24	22:10:33	22:23:24	00:04:05	-----	305-	43-	95-	3454
S2 (113)	19/09/24	22:14:35	22:25:19	00:01:55	-----	192-	24-	71-	27828
A8 (12)	19/09/24	22:21:25	22:33:06	00:07:46	-----	295-	27-	64-	13975
D7 (35)	19/09/24	22:23:20	22:36:01	00:02:54	-----	305-	38-	91-	3441
A5 (09)	19/09/24	22:27:58	22:39:38	00:03:36	-----	295-	26-	63-	13972
R1 (117)	19/09/24	22:33:22	22:44:40	00:05:02	-----	312-	28-	86-	27857
B7 (19)	19/09/24	22:41:01	22:53:15	00:08:34	-----	204-	33-	69-	10379
B1 (13)	19/09/24	22:41:06	22:52:55	00:00:01	-----	197-	28-	71-	10285
S3 (112)	19/09/24	22:48:51	23:00:45	00:07:50	-----	211-	44-	62-	27823
B8 (20)	19/09/24	22:51:24	23:03:53	00:03:08	-----	208-	38-	67-	10392
D6 (34)	19/09/24	22:56:29	23:09:34	00:05:40	-----	305-	52-	104-	3464
G2 (04)	19/09/24	22:58:07	23:05:53	00:03:04	-----	61-	11-	142-	12496
A7 (11)	19/09/24	22:59:38	23:11:25	00:05:32	-----	301-	28-	71-	13975
B3 (15)	19/09/24	23:01:10	23:13:44	00:02:18	-----	209-	39-	66-	10397
A6 (10)	19/09/24	23:05:18	23:17:06	00:03:22	-----	301-	28-	71-	13975
A2 (06)	19/09/24	23:10:51	23:22:44	00:05:38	-----	302-	28-	75-	13975
B2 (14)	19/09/24	23:13:50	23:26:43	00:03:58	-----	217-	48-	64-	10379
R2 (108)	19/09/24	23:22:26	23:34:27	00:07:44	-----	311-	44-	104-	28929
S4 (119)	19/09/24	23:24:14	23:36:35	00:02:07	-----	228-	76-	57-	27740
S1 (116)	19/09/24	23:24:18	23:36:41	00:00:05	-----	229-	80-	56-	27741
D8 (36)	19/09/24	23:27:12	23:40:30	00:03:49	-----	303-	75-	117-	3460
B4 (16)	19/09/24	23:27:26	23:40:33	00:00:02	-----	224-	61-	62-	10397
A1 (05)	19/09/24	23:28:37	23:40:39	00:00:06	-----	304-	30-	80-	13975
D3 (31)	19/09/24	23:36:13	23:49:23	00:08:43	-----	299-	66-	134-	3371
A4 (08)	19/09/24	23:36:58	23:49:06	00:00:01	-----	305-	32-	82-	13973
R3 (115)	19/09/24	23:39:25	23:51:36	00:02:30	-----	308-	66-	117-	27862
B6 (18)	19/09/24	23:45:00	23:58:18	00:06:41	-----	234-	85-	59-	10380
A3 (07)	19/09/24	23:46:21	23:58:33	00:00:14	-----	305-	33-	84-	13976
D2 (30)	19/09/24	23:52:15	00:05:27	00:06:53	-----	299-	69-	133-	3408
D4 (32)	19/09/24	23:56:16	00:09:21	00:03:54	-----	297-	58-	138-	3455
S2 (113)	19/09/24	23:57:13	00:09:34	00:00:12	-----	244-	65-	52-	27829
A8 (12)	19/09/25	00:07:11	00:19:38	00:10:04	-----	306-	39-	93-	13976
D7 (35)	19/09/25	00:08:59	00:22:10	00:02:32	-----	299-	70-	132-	3442
A5 (09)	19/09/25	00:13:41	00:26:10	00:04:00	-----	306-	40-	93-	13973
R1 (117)	19/09/25	00:17:03	00:29:24	00:03:14	-----	305-	87-	128-	27858
B1 (13)	19/09/25	00:25:41	00:38:58	00:09:33	-----	245-	70-	57-	10286
B7 (19)	19/09/25	00:25:56	00:39:09	00:00:11	-----	250-	62-	56-	10380
S3 (112)	19/09/25	00:32:35	00:44:35	00:05:26	-----	258-	42-	49-	27824
G2 (04)	19/09/25	00:34:28	00:47:14	00:02:39	-----	23-	83-	208-	12497
B8 (20)	19/09/25	00:36:35	00:49:42	00:02:27	-----	254-	55-	56-	10393
D6 (34)	19/09/25	00:42:15	00:54:58	00:05:15	-----	294-	42-	147-	3465
A7 (11)	19/09/25	00:45:04	00:57:53	00:02:55	-----	305-	54-	106-	13976
B3 (15)	19/09/25	00:46:24	00:59:31	00:01:38	-----	254-	54-	55-	10398

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
A6 (10)	19/09/25	00:50:42	01:03:32	00:04:01	-----	305-	56-	107-	13976
A2 (06)	19/09/25	00:56:12	01:09:08	00:05:35	-----	304-	61-	110-	13976
B2 (14)	19/09/25	00:59:26	01:12:25	00:03:17	-----	259-	48-	55-	10380
R2 (108)	19/09/25	01:06:17	01:18:07	00:05:41	-----	296-	41-	150-	28930
S4 (119)	19/09/25	01:08:47	01:20:16	00:02:09	-----	272-	30-	48-	27741
S1 (116)	19/09/25	01:08:55	01:20:22	00:00:05	-----	273-	30-	48-	27742
D8 (36)	19/09/25	01:13:20	01:24:53	00:04:31	-----	286-	25-	164-	3461
B4 (16)	19/09/25	01:13:22	01:26:11	00:01:17	-----	265-	41-	54-	10398
A1 (05)	19/09/25	01:13:52	01:26:53	00:00:42	-----	303-	74-	117-	13976
A4 (08)	19/09/25	01:22:10	01:35:10	00:08:16	-----	302-	86-	122-	13974
D3 (31)	19/09/25	01:23:21	01:32:07	00:03:02	-----	272-	13-	187-	3372
R3 (115)	19/09/25	01:23:25	01:33:57	00:01:49	-----	287-	23-	167-	27863
B6 (18)	19/09/25	01:31:24	01:43:58	00:10:01	-----	274-	35-	56-	10381
A3 (07)	19/09/25	01:31:32	01:44:33	00:00:34	-----	302-	89-	124-	13977
D2 (30)	19/09/25	01:39:15	01:48:21	00:03:47	-----	273-	13-	185-	3409
S2 (113)	19/09/25	01:42:24	01:53:19	00:04:58	-----	284-	24-	49-	27830
D4 (32)	19/09/25	01:43:49	01:51:36	00:01:04	-----	267-	11-	195-	3456
A8 (12)	19/09/25	01:52:21	02:05:13	00:12:52	00:00:44	299-	66-	134-	13977
D7 (35)	19/09/25	01:55:56	02:05:07	00:00:06	-----	274-	14-	184-	3443
A5 (09)	19/09/25	01:58:51	02:11:41	00:06:33	-----	298-	62-	136-	13974
R1 (117)	19/09/25	02:01:53	02:11:00	00:00:04	-----	278-	15-	183-	27859
B1 (13)	19/09/25	02:12:26	02:24:44	00:12:17	00:01:26	282-	30-	58-	10287
B7 (19)	19/09/25	02:12:48	02:25:00	00:00:14	-----	285-	29-	59-	10381
G2 (04)	19/09/25	02:14:30	02:22:34	00:02:02	-----	351-	12-	274-	12498
S3 (112)	19/09/25	02:18:05	02:28:35	00:06:01	-----	295-	21-	52-	27825
B8 (20)	19/09/25	02:23:31	02:35:37	00:07:01	-----	288-	28-	60-	10394
A7 (11)	19/09/25	02:30:24	02:42:38	00:07:01	-----	292-	38-	151-	13977
D6 (34)	19/09/25	02:31:22	02:35:12	00:07:02	-----	246-	6-	219-	3466
B3 (15)	19/09/25	02:33:21	02:45:27	00:10:15	-----	288-	28-	61-	10399
A6 (10)	19/09/25	02:36:03	02:48:13	00:02:45	-----	292-	36-	152-	13977
A2 (06)	19/09/25	02:41:37	02:53:37	00:05:23	-----	290-	32-	155-	13977
B2 (14)	19/09/25	02:46:25	02:58:28	00:04:50	-----	292-	28-	63-	10381
S4 (119)	19/09/25	02:54:19	03:04:40	00:06:12	-----	303-	20-	58-	27742
S1 (116)	19/09/25	02:54:27	03:04:48	00:00:07	-----	304-	20-	59-	27743
A1 (05)	19/09/25	02:59:31	03:10:52	00:06:03	-----	285-	25-	163-	13977
B4 (16)	19/09/25	03:00:21	03:12:22	00:01:30	-----	295-	27-	64-	10399
A4 (08)	19/09/25	03:08:02	03:18:39	00:06:17	-----	282-	20-	171-	13975
C7 (27)	19/09/25	03:12:41	03:19:17	00:00:37	-----	160-	9-	101-	9733
T2 (110)	19/09/25	03:14:52	03:19:12	00:00:05	-----	144-	7-	102-	27707
A3 (07)	19/09/25	03:17:30	03:27:52	00:08:40	-----	281-	19-	174-	13978
B6 (18)	19/09/25	03:18:20	03:30:25	00:02:33	-----	299-	28-	71-	10382
S2 (113)	19/09/25	03:27:41	03:38:12	00:07:46	-----	309-	21-	67-	27831
A8 (12)	19/09/25	03:39:01	03:47:28	00:08:26	00:00:48	270-	12-	189-	13978
A5 (09)	19/09/25	03:45:41	03:53:38	00:06:10	-----	269-	11-	191-	13975
T4 (114)	19/09/25	03:47:16	03:56:16	00:02:37	-----	177-	15-	82-	27710
C3 (23)	19/09/25	03:48:08	03:58:28	00:02:12	-----	185-	18-	80-	9705
B1 (13)	19/09/25	03:59:12	04:11:28	00:12:16	00:00:43	303-	30-	78-	10288
B7 (19)	19/09/25	03:59:27	04:11:48	00:00:19	-----	304-	32-	81-	10382
S3 (112)	19/09/25	04:02:57	04:13:53	00:02:05	-----	312-	24-	77-	27826
C1 (21)	19/09/25	04:05:01	04:16:34	00:02:40	-----	194-	25-	73-	9689

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
B8 (20)	19/09/25	04:10:04	04:22:30	00:05:55	-----	304-	33-	84-	10395
B3 (15)	19/09/25	04:19:52	04:32:21	00:09:51	-----	304-	34-	85-	10400
T1 (118)	19/09/25	04:20:16	04:31:20	00:01:00	-----	196-	28-	69-	27624
B2 (14)	19/09/25	04:32:48	04:45:25	00:12:37	00:01:27	305-	37-	89-	10382
S4 (119)	19/09/25	04:38:43	04:50:12	00:04:46	-----	312-	31-	89-	27743
S1 (116)	19/09/25	04:38:48	04:50:20	00:00:07	-----	312-	31-	91-	27744
B4 (16)	19/09/25	04:46:33	04:59:21	00:09:01	-----	305-	41-	94-	10400
T2 (110)	19/09/25	04:53:55	05:05:58	00:06:36	-----	216-	50-	61-	27708
C7 (27)	19/09/25	04:54:18	05:07:13	00:01:15	-----	219-	52-	64-	9734
B6 (18)	19/09/25	05:04:19	05:17:23	00:10:10	-----	305-	51-	104-	10383
S2 (113)	19/09/25	05:11:40	05:23:41	00:06:17	-----	311-	43-	103-	27832
T4 (114)	19/09/25	05:28:47	05:41:09	00:12:22	00:05:05	231-	85-	56-	27711
C3 (23)	19/09/25	05:31:44	05:45:01	00:03:51	-----	234-	85-	59-	9706
B1 (13)	19/09/25	05:45:00	05:58:15	00:13:14	-----	304-	68-	114-	10289
B7 (19)	19/09/25	05:45:10	05:58:27	00:00:11	-----	303-	78-	118-	10383
S3 (112)	19/09/25	05:46:42	05:59:02	00:00:34	-----	308-	67-	118-	27827
C1 (21)	19/09/25	05:49:25	06:02:40	00:03:38	-----	243-	74-	57-	9690
B8 (20)	19/09/25	05:55:44	06:09:01	00:06:20	-----	302-	87-	122-	10396
T1 (118)	19/09/25	06:03:11	06:15:27	00:06:26	-----	247-	58-	51-	27625
B3 (15)	19/09/25	06:05:32	06:18:50	00:03:23	-----	302-	89-	123-	10401
B2 (14)	19/09/25	06:18:27	06:31:42	00:12:51	-----	300-	78-	129-	10383
S4 (119)	19/09/25	06:22:24	06:34:45	00:03:03	-----	303-	76-	132-	27744
S1 (116)	19/09/25	06:22:30	06:34:49	00:00:04	-----	303-	72-	134-	27745
B4 (16)	19/09/25	06:32:11	06:45:18	00:10:29	-----	298-	62-	136-	10401
T2 (110)	19/09/25	06:37:52	06:49:45	00:04:26	-----	261-	39-	49-	27709
C7 (27)	19/09/25	06:40:00	06:52:54	00:03:09	-----	261-	45-	55-	9735
B6 (18)	19/09/25	06:50:04	07:02:48	00:09:53	-----	294-	43-	146-	10384
S2 (113)	19/09/25	06:55:31	07:07:22	00:04:34	-----	296-	42-	149-	27833
T4 (114)	19/09/25	07:13:29	07:24:50	00:11:20	00:06:07	274-	29-	48-	27712
C3 (23)	19/09/25	07:18:09	07:30:41	00:05:51	-----	274-	35-	56-	9707
S3 (112)	19/09/25	07:30:59	07:41:37	00:10:38	00:00:18	287-	23-	167-	27828
B1 (13)	19/09/25	07:31:00	07:42:55	00:01:17	-----	288-	29-	159-	10290
B7 (19)	19/09/25	07:31:20	07:42:43	00:00:01	-----	285-	24-	165-	10384
K6 (106)	19/09/25	07:33:01	07:40:39	00:02:04	-----	169-	12-	90-	27679
C1 (21)	19/09/25	07:36:07	07:48:24	00:07:45	-----	281-	31-	57-	9691
B8 (20)	19/09/25	07:42:05	07:52:57	00:04:33	-----	282-	20-	170-	10397
T1 (118)	19/09/25	07:48:28	07:59:15	00:06:17	-----	287-	23-	50-	27626
B3 (15)	19/09/25	07:51:56	08:02:40	00:03:24	-----	281-	20-	172-	10402
B2 (14)	19/09/25	08:05:11	08:14:59	00:09:47	00:02:30	276-	16-	180-	10384
S4 (119)	19/09/25	08:07:35	08:15:50	00:00:51	-----	273-	13-	190-	27745
S1 (116)	19/09/25	08:07:47	08:15:45	00:00:05	-----	271-	12-	192-	27746
B4 (16)	19/09/25	08:19:28	08:27:45	00:08:17	00:03:43	270-	12-	190-	10402
T2 (110)	19/09/25	08:23:24	08:33:50	00:06:04	-----	297-	20-	53-	27710
C7 (27)	19/09/25	08:27:01	08:39:00	00:05:09	-----	293-	27-	63-	9736
B6 (18)	19/09/25	08:39:02	08:43:12	00:04:09	00:00:02	247-	6-	218-	10385
T4 (114)	19/09/25	08:59:00	09:09:19	00:10:19	00:15:48	305-	20-	60-	27713
C3 (23)	19/09/25	09:05:06	09:17:08	00:07:49	-----	299-	28-	71-	9708
K6 (106)	19/09/25	09:13:18	09:25:11	00:08:02	-----	227-	73-	57-	27680
K3 (103)	19/09/25	09:13:45	09:18:47	00:06:02	-----	154-	7-	101-	26739
C1 (21)	19/09/25	09:22:55	09:35:05	00:12:10	00:04:07	302-	29-	77-	9692

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
T1 (118)	19/09/25	09:33:39	09:44:14	00:09:09	-----	310-	21-	69-	27627
K9 (109)	19/09/25	09:45:12	09:54:42	00:09:30	00:00:57	182-	17-	79-	26739
K4 (104)	19/09/25	10:07:35	10:14:31	00:06:55	00:12:53	163-	10-	94-	26900
T2 (110)	19/09/25	10:08:09	10:19:12	00:04:41	-----	312-	25-	80-	27711
G2 (04)	19/09/25	10:10:34	10:22:35	00:03:22	-----	131-	40-	348-	12503
C7 (27)	19/09/25	10:13:20	10:25:59	00:03:23	-----	305-	38-	91-	9737
K7 (107)	19/09/25	10:18:04	10:29:14	00:03:14	-----	198-	29-	68-	26739
T3 (105)	19/09/25	10:20:38	10:32:25	00:03:11	-----	201-	32-	66-	26786
T4 (114)	19/09/25	10:43:17	10:54:52	00:11:34	00:10:52	312-	32-	92-	27714
C3 (23)	19/09/25	10:51:05	11:04:07	00:09:15	-----	305-	51-	104-	9709
K3 (103)	19/09/25	10:53:09	11:05:13	00:01:06	-----	217-	52-	61-	26740
K6 (106)	19/09/25	10:57:07	11:08:07	00:02:53	-----	271-	30-	47-	27681
C1 (21)	19/09/25	11:08:43	11:21:54	00:13:11	00:00:36	304-	64-	112-	9693
T1 (118)	19/09/25	11:17:34	11:29:40	00:07:45	-----	310-	47-	106-	27628
K9 (109)	19/09/25	11:27:02	11:39:23	00:09:43	-----	234-	87-	55-	26740
K4 (104)	19/09/25	11:48:07	12:00:16	00:12:09	00:08:43	223-	64-	58-	26901
G2 (04)	19/09/25	11:49:34	12:00:34	00:00:17	-----	192-	24-	314-	12504
T2 (110)	19/09/25	11:51:52	12:04:14	00:03:40	-----	307-	75-	121-	27712
C7 (27)	19/09/25	11:58:59	12:12:11	00:07:56	-----	300-	73-	131-	9738
K7 (107)	19/09/25	12:01:05	12:13:18	00:01:07	-----	248-	56-	51-	26740
T3 (105)	19/09/25	12:04:39	12:17:18	00:04:00	-----	250-	54-	51-	26787
T4 (114)	19/09/25	12:27:00	12:39:15	00:12:15	00:09:41	302-	67-	136-	27715
C3 (23)	19/09/25	12:36:51	12:49:33	00:10:18	-----	294-	43-	146-	9710
K3 (103)	19/09/25	12:37:10	12:48:59	00:00:03	-----	263-	38-	49-	26741
K6 (106)	19/09/25	12:41:58	12:51:40	00:02:41	-----	304-	18-	56-	27682
C1 (21)	19/09/25	12:54:39	13:06:45	00:12:05	00:02:58	289-	31-	157-	9694
T1 (118)	19/09/25	13:01:29	13:13:08	00:06:23	-----	294-	37-	153-	27629
K9 (109)	19/09/25	13:11:52	13:23:05	00:09:56	-----	277-	27-	48-	26741
K4 (104)	19/09/25	13:32:32	13:44:05	00:11:32	00:09:27	268-	33-	48-	26902
T2 (110)	19/09/25	13:36:17	13:46:33	00:02:28	-----	284-	21-	171-	27713
C7 (27)	19/09/25	13:45:51	13:55:15	00:08:41	-----	274-	14-	184-	9739
K7 (107)	19/09/25	13:46:23	13:57:07	00:01:51	-----	288-	23-	50-	26741
T3 (105)	19/09/25	13:50:51	14:02:03	00:04:55	-----	289-	23-	51-	26788
T4 (114)	19/09/25	14:12:28	14:19:54	00:07:26	00:10:25	268-	11-	196-	27716
D3 (31)	19/09/25	14:15:32	14:21:09	00:01:14	-----	151-	8-	104-	3380
K3 (103)	19/09/25	14:22:43	14:33:05	00:10:22	00:01:33	298-	20-	54-	26742
K6 (106)	19/09/25	14:25:40	14:36:28	00:03:22	-----	314-	28-	87-	27683
C3 (23)	19/09/25	14:25:48	14:30:00	00:06:02	-----	247-	6-	218-	9711
D4 (32)	19/09/25	14:35:09	14:42:21	00:07:12	00:05:09	164-	10-	95-	3464
K9 (109)	19/09/25	14:57:20	15:07:40	00:10:20	00:14:58	306-	20-	61-	26742
K4 (104)	19/09/25	15:18:10	15:28:27	00:10:17	00:10:29	301-	20-	56-	26903
D6 (34)	19/09/25	15:19:12	15:28:40	00:00:13	-----	178-	15-	84-	3474
R2 (108)	19/09/25	15:29:40	15:38:14	00:08:34	00:01:00	174-	13-	85-	28939
K7 (107)	19/09/25	15:31:33	15:42:08	00:03:54	-----	310-	22-	70-	26742
T3 (105)	19/09/25	15:36:49	15:48:02	00:05:53	-----	310-	23-	73-	26789
R3 (115)	19/09/25	15:42:48	15:53:14	00:05:12	-----	189-	23-	72-	27872
D8 (36)	19/09/25	15:48:32	16:00:10	00:06:55	-----	196-	26-	74-	3470
D3 (31)	19/09/25	15:56:40	16:09:29	00:09:18	-----	217-	48-	65-	3381
K3 (103)	19/09/25	16:07:25	16:18:29	00:09:00	-----	312-	26-	81-	26743
K6 (106)	19/09/25	16:08:36	16:20:25	00:01:55	-----	304-	82-	130-	27684

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
D2 (30)	19/09/25	16:12:45	16:25:29	00:05:04	-----	215-	46-	65-	3418
D4 (32)	19/09/25	16:17:08	16:30:06	00:04:37	-----	221-	55-	64-	3465
R1 (117)	19/09/25	16:22:19	16:33:55	00:03:48	-----	205-	36-	65-	27868
A8 (12)	19/09/25	16:28:38	16:32:32	00:01:02	-----	140-	6-	109-	13986
D7 (35)	19/09/25	16:29:28	16:42:11	00:09:39	-----	214-	45-	65-	3452
A5 (09)	19/09/25	16:34:26	16:39:27	00:02:04	-----	147-	7-	107-	13983
K9 (109)	19/09/25	16:41:32	16:53:13	00:11:41	00:02:04	312-	35-	95-	26743
D6 (34)	19/09/25	17:02:19	17:15:31	00:13:11	00:09:05	230-	74-	60-	3475
K4 (104)	19/09/25	17:02:46	17:14:04	00:01:02	-----	312-	28-	86-	26904
A7 (11)	19/09/25	17:03:14	17:12:38	00:01:02	-----	179-	15-	87-	13986
A6 (10)	19/09/25	17:08:42	17:18:19	00:05:41	-----	181-	16-	86-	13986
R2 (108)	19/09/25	17:10:56	17:23:17	00:04:57	-----	229-	79-	56-	28940
A2 (06)	19/09/25	17:13:52	17:24:02	00:00:44	-----	185-	18-	80-	13986
K7 (107)	19/09/25	17:15:26	17:27:33	00:03:31	-----	310-	49-	108-	26743
T3 (105)	19/09/25	17:21:33	17:34:14	00:06:41	-----	309-	55-	111-	26790
R3 (115)	19/09/25	17:25:03	17:37:15	00:03:01	-----	242-	68-	52-	27873
A1 (05)	19/09/25	17:30:57	17:42:04	00:04:49	-----	194-	23-	74-	13986
D8 (36)	19/09/25	17:33:00	17:46:15	00:04:10	-----	244-	73-	56-	3471
A4 (08)	19/09/25	17:38:50	17:50:31	00:04:16	-----	199-	29-	73-	13984
D3 (31)	19/09/25	17:42:15	17:55:11	00:04:40	-----	259-	47-	54-	3382
A3 (07)	19/09/25	17:48:07	17:59:57	00:04:45	-----	202-	31-	71-	13987
K3 (103)	19/09/25	17:51:06	18:03:28	00:03:31	-----	307-	78-	122-	26744
K6 (106)	19/09/25	17:52:53	18:01:04	00:02:02	-----	274-	13-	187-	27685
D2 (30)	19/09/25	17:58:15	18:11:13	00:10:08	-----	258-	49-	54-	3419
D4 (32)	19/09/25	18:03:00	18:15:50	00:04:37	-----	263-	44-	54-	3466
R1 (117)	19/09/25	18:05:44	18:17:50	00:02:00	-----	254-	48-	50-	27869
A8 (12)	19/09/25	18:08:25	18:20:56	00:03:05	-----	215-	44-	65-	13987
A5 (09)	19/09/25	18:14:51	18:27:26	00:06:30	-----	216-	47-	66-	13984
D7 (35)	19/09/25	18:14:56	18:27:55	00:00:28	-----	258-	49-	54-	3453
K9 (109)	19/09/25	18:25:15	18:37:27	00:09:31	-----	301-	60-	139-	26744
A7 (11)	19/09/25	18:45:58	18:58:57	00:12:58	00:08:31	231-	76-	60-	13987
K4 (104)	19/09/25	18:46:31	18:58:57	00:00:00	-----	305-	88-	128-	26905
D6 (34)	19/09/25	18:48:32	19:01:10	00:02:12	-----	270-	37-	55-	3476
A6 (10)	19/09/25	18:51:34	19:04:33	00:03:23	-----	232-	78-	60-	13987
R2 (108)	19/09/25	18:55:33	19:06:57	00:02:24	-----	273-	30-	48-	28941
A2 (06)	19/09/25	18:57:03	19:10:05	00:03:07	-----	235-	86-	59-	13987
K7 (107)	19/09/25	18:59:22	19:10:57	00:00:52	-----	294-	35-	154-	26744
T3 (105)	19/09/25	19:06:26	19:18:14	00:07:17	-----	292-	32-	157-	26791
R3 (115)	19/09/25	19:09:54	19:20:42	00:02:27	-----	284-	24-	49-	27874
A1 (05)	19/09/25	19:14:45	19:27:47	00:07:05	-----	242-	78-	57-	13987
D8 (36)	19/09/25	19:19:43	19:32:01	00:04:13	-----	281-	31-	56-	3472
A4 (08)	19/09/25	19:23:02	19:36:02	00:04:01	-----	247-	67-	56-	13985
D3 (31)	19/09/25	19:29:15	19:41:14	00:05:12	-----	291-	27-	61-	3383
A3 (07)	19/09/25	19:32:28	19:45:26	00:04:11	-----	249-	63-	55-	13988
K3 (103)	19/09/25	19:35:36	19:45:39	00:00:13	-----	283-	20-	174-	26745
D2 (30)	19/09/25	19:45:14	19:57:14	00:11:34	-----	291-	28-	60-	3420
D4 (32)	19/09/25	19:50:03	20:02:02	00:04:48	-----	293-	27-	62-	3467
R1 (117)	19/09/25	19:51:10	20:01:44	00:00:01	-----	292-	21-	51-	27870
A8 (12)	19/09/25	19:53:26	20:06:11	00:04:27	-----	258-	49-	55-	13988
A5 (09)	19/09/25	19:59:58	20:12:40	00:06:28	-----	259-	47-	54-	13985

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
D7 (35)	19/09/25	20:01:55	20:13:55	00:01:15	-----	290-	28-	60-	3454
K9 (109)	19/09/25	20:11:05	20:17:39	00:03:43	-----	264-	9-	202-	26745
K4 (104)	19/09/25	20:31:24	20:40:43	00:09:18	00:13:45	278-	16-	182-	26906
A7 (11)	19/09/25	20:31:45	20:44:06	00:03:22	-----	271-	36-	54-	13988
D6 (34)	19/09/25	20:35:31	20:47:31	00:03:24	-----	298-	27-	68-	3477
A6 (10)	19/09/25	20:37:24	20:49:43	00:02:11	-----	272-	36-	54-	13988
R2 (108)	19/09/25	20:41:04	20:51:23	00:01:40	-----	304-	20-	59-	28942
A2 (06)	19/09/25	20:43:00	20:55:15	00:03:52	-----	274-	34-	55-	13988
R3 (115)	19/09/25	20:54:56	21:05:14	00:09:58	-----	309-	20-	65-	27875
A1 (05)	19/09/25	21:00:56	21:13:01	00:07:47	-----	280-	31-	56-	13988
D8 (36)	19/09/25	21:06:30	21:18:43	00:05:41	-----	302-	30-	75-	3473
A4 (08)	19/09/25	21:09:22	21:21:19	00:02:35	-----	283-	29-	56-	13986
B4 (16)	19/09/25	21:10:51	21:17:12	00:04:07	-----	161-	8-	98-	10410
D3 (31)	19/09/25	21:15:38	21:28:13	00:11:01	-----	305-	36-	88-	3384
A3 (07)	19/09/25	21:18:50	21:30:45	00:02:31	-----	284-	29-	56-	13989
S2 (113)	19/09/25	21:19:00	21:27:25	00:03:02	-----	173-	13-	87-	27842
B6 (18)	19/09/25	21:26:58	21:36:21	00:08:56	-----	177-	14-	85-	10393
D2 (30)	19/09/25	21:31:39	21:44:12	00:07:50	-----	305-	36-	87-	3421
R1 (117)	19/09/25	21:36:09	21:46:55	00:02:42	-----	311-	23-	74-	27871
D4 (32)	19/09/25	21:36:23	21:49:06	00:02:11	-----	305-	39-	91-	3468
A8 (12)	19/09/25	21:39:57	21:51:42	00:02:35	-----	291-	27-	61-	13989
A5 (09)	19/09/25	21:46:30	21:58:12	00:06:30	-----	291-	27-	60-	13986
D7 (35)	19/09/25	21:48:20	22:00:53	00:02:40	-----	305-	35-	86-	3455
S3 (112)	19/09/25	21:52:37	22:03:22	00:02:29	-----	192-	24-	71-	27837
B7 (19)	19/09/25	22:06:20	22:18:05	00:11:45	00:02:57	197-	27-	72-	10393
B1 (13)	19/09/25	22:06:34	22:17:49	00:00:01	-----	193-	23-	75-	10299
B8 (20)	19/09/25	22:16:40	22:28:46	00:10:57	-----	202-	31-	69-	10406
A7 (11)	19/09/25	22:18:16	22:29:58	00:01:12	-----	298-	27-	66-	13989
D6 (34)	19/09/25	22:21:35	22:34:33	00:04:34	-----	305-	46-	100-	3478
A6 (10)	19/09/25	22:23:54	22:35:37	00:01:04	-----	298-	27-	67-	13989
R2 (108)	19/09/25	22:25:25	22:36:56	00:01:18	-----	312-	31-	90-	28943
B3 (15)	19/09/25	22:26:23	22:38:34	00:01:38	-----	203-	33-	69-	10411
S4 (119)	19/09/25	22:27:33	22:39:26	00:00:51	-----	211-	43-	63-	27754
S1 (116)	19/09/25	22:27:35	22:39:32	00:00:06	-----	212-	45-	62-	27755
A2 (06)	19/09/25	22:29:27	22:41:14	00:01:41	-----	300-	27-	70-	13989
R3 (115)	19/09/25	22:38:40	22:50:28	00:09:13	-----	311-	41-	101-	27876
B2 (14)	19/09/25	22:39:00	22:51:34	00:01:06	-----	210-	40-	66-	10393
A1 (05)	19/09/25	22:47:17	22:59:10	00:07:35	-----	302-	28-	75-	13989
B4 (16)	19/09/25	22:52:17	23:05:13	00:06:03	-----	218-	51-	65-	10411
D8 (36)	19/09/25	22:52:18	23:05:33	00:00:19	-----	304-	65-	112-	3474
A4 (08)	19/09/25	22:55:37	23:07:34	00:02:01	-----	303-	30-	76-	13987
S2 (113)	19/09/25	23:00:10	23:12:32	00:04:57	-----	228-	77-	57-	27843
D3 (31)	19/09/25	23:01:16	23:14:31	00:01:59	-----	300-	78-	129-	3385
A3 (07)	19/09/25	23:05:03	23:17:03	00:02:32	-----	304-	30-	78-	13990
B6 (18)	19/09/25	23:10:00	23:23:15	00:06:11	-----	229-	72-	60-	10394
D2 (30)	19/09/25	23:17:17	23:30:34	00:07:18	-----	301-	81-	127-	3422
R1 (117)	19/09/25	23:19:56	23:32:11	00:01:37	-----	309-	58-	113-	27872
D4 (32)	19/09/25	23:22:05	23:35:17	00:03:06	-----	299-	69-	133-	3469
A8 (12)	19/09/25	23:25:55	23:38:09	00:02:51	-----	305-	34-	87-	13990
A5 (09)	19/09/25	23:32:25	23:44:41	00:06:31	-----	305-	35-	87-	13987

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
D7 (35)	19/09/25	23:34:00	23:47:15	00:02:33	-----	301-	82-	127-	3456
S3 (112)	19/09/25	23:35:16	23:47:36	00:00:21	-----	244-	65-	52-	27838
B1 (13)	19/09/25	23:50:44	00:04:03	00:13:18	00:03:07	240-	81-	58-	10300
B7 (19)	19/09/25	23:50:52	00:04:08	00:00:05	-----	245-	71-	57-	10394
B8 (20)	19/09/26	00:01:29	00:14:42	00:10:33	-----	249-	64-	56-	10407
A7 (11)	19/09/26	00:03:51	00:16:30	00:01:48	-----	306-	45-	98-	13990
G2 (04)	19/09/26	00:05:58	00:18:23	00:01:53	-----	32-	49-	188-	12511
D6 (34)	19/09/26	00:07:17	00:20:14	00:01:50	-----	296-	51-	141-	3479
R2 (108)	19/09/26	00:09:06	00:21:25	00:01:10	-----	303-	73-	133-	28944
A6 (10)	19/09/26	00:09:27	00:22:08	00:00:42	-----	306-	46-	100-	13990
S4 (119)	19/09/26	00:11:16	00:23:16	00:01:08	-----	258-	42-	49-	27755
B3 (15)	19/09/26	00:11:16	00:24:29	00:01:12	-----	250-	62-	56-	10412
S1 (116)	19/09/26	00:11:23	00:23:21	00:01:07	-----	259-	41-	49-	27756
A2 (06)	19/09/26	00:14:57	00:27:44	00:04:22	-----	305-	50-	103-	13990
R3 (115)	19/09/26	00:22:11	00:33:59	00:06:15	-----	297-	45-	147-	27877
B2 (14)	19/09/26	00:24:15	00:37:22	00:03:22	-----	255-	54-	55-	10394
A1 (05)	19/09/26	00:32:39	00:45:34	00:08:12	-----	305-	60-	110-	13990
B4 (16)	19/09/26	00:37:57	00:50:54	00:05:19	-----	261-	46-	54-	10412
D8 (36)	19/09/26	00:38:15	00:50:20	00:00:03	-----	289-	30-	158-	3475
A4 (08)	19/09/26	00:40:54	00:53:51	00:03:31	-----	304-	69-	114-	13988
S2 (113)	19/09/26	00:44:44	00:56:13	00:02:21	-----	272-	30-	48-	27844
D3 (31)	19/09/26	00:47:59	00:57:50	00:01:37	-----	277-	16-	179-	3386
A3 (07)	19/09/26	00:50:18	01:03:18	00:05:27	-----	303-	73-	116-	13991
B6 (18)	19/09/26	00:56:11	01:08:53	00:05:35	-----	269-	38-	55-	10395
D2 (30)	19/09/26	01:03:54	01:14:01	00:05:07	-----	278-	17-	177-	3423
R1 (117)	19/09/26	01:04:02	01:15:09	00:01:07	-----	290-	28-	161-	27873
D4 (32)	19/09/26	01:09:09	01:18:13	00:03:03	-----	273-	13-	186-	3470
A8 (12)	19/09/26	01:11:05	01:24:04	00:05:51	-----	301-	84-	126-	13991
A5 (09)	19/09/26	01:17:34	01:30:32	00:06:27	-----	301-	80-	128-	13988
S3 (112)	19/09/26	01:20:26	01:31:21	00:00:49	-----	284-	24-	49-	27839
D7 (35)	19/09/26	01:20:35	01:30:45	00:00:03	-----	279-	17-	177-	3457
B1 (13)	19/09/26	01:37:21	01:49:46	00:12:24	00:06:36	278-	32-	57-	10301
B7 (19)	19/09/26	01:37:36	01:49:54	00:00:07	-----	282-	31-	58-	10395
G2 (04)	19/09/26	01:44:57	01:55:38	00:05:44	-----	3-	22-	249-	12512
B8 (20)	19/09/26	01:48:20	02:00:31	00:04:52	-----	285-	29-	59-	10408
A7 (11)	19/09/26	01:49:04	02:01:43	00:01:11	-----	296-	50-	142-	13991
R2 (108)	19/09/26	01:54:22	02:02:22	00:00:39	-----	271-	12-	192-	28945
A6 (10)	19/09/26	01:54:41	02:07:17	00:04:54	-----	295-	48-	143-	13991
D6 (34)	19/09/26	01:55:17	02:01:48	00:05:02	-----	260-	9-	203-	3480
S4 (119)	19/09/26	01:56:46	02:07:16	00:05:28	-----	295-	21-	52-	27756
S1 (116)	19/09/26	01:56:54	02:07:23	00:00:06	-----	296-	21-	53-	27757
B3 (15)	19/09/26	01:58:07	02:10:19	00:02:55	-----	285-	29-	59-	10413
A2 (06)	19/09/26	02:00:13	02:12:42	00:02:23	-----	294-	43-	146-	13991
B2 (14)	19/09/26	02:11:12	02:23:18	00:10:35	-----	289-	28-	61-	10395
A1 (05)	19/09/26	02:18:04	02:30:06	00:06:48	-----	290-	33-	154-	13991
B4 (16)	19/09/26	02:24:56	02:36:58	00:06:51	-----	292-	27-	62-	10413
A4 (08)	19/09/26	02:26:28	02:38:00	00:01:01	-----	287-	27-	161-	13989
S2 (113)	19/09/26	02:30:16	02:40:37	00:02:37	-----	303-	20-	58-	27845
A3 (07)	19/09/26	02:35:56	02:47:17	00:06:39	-----	286-	25-	164-	13992
B6 (18)	19/09/26	02:43:10	02:55:13	00:07:55	-----	297-	27-	68-	10396

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
T4 (114)	19/09/26	02:53:07	02:57:06	00:01:53	-----	142-	7-	102-	27724
A8 (12)	19/09/26	02:57:10	03:07:11	00:10:01	00:00:03	278-	17-	177-	13992
A5 (09)	19/09/26	03:03:46	03:13:28	00:06:16	-----	277-	16-	179-	13989
S3 (112)	19/09/26	03:05:43	03:16:14	00:02:45	-----	309-	21-	67-	27840
C3 (23)	19/09/26	03:13:52	03:23:14	00:07:00	-----	177-	14-	85-	9719
B1 (13)	19/09/26	03:24:12	03:36:23	00:12:10	00:00:58	301-	29-	75-	10302
B7 (19)	19/09/26	03:24:22	03:36:37	00:00:13	-----	303-	30-	78-	10396
T1 (118)	19/09/26	03:24:30	03:33:35	00:03:01	-----	178-	15-	82-	27638
C1 (21)	19/09/26	03:30:25	03:41:21	00:07:45	-----	190-	21-	76-	9703
B8 (20)	19/09/26	03:35:00	03:47:18	00:05:57	-----	304-	31-	81-	10409
A7 (11)	19/09/26	03:36:42	03:42:43	00:04:03	-----	260-	8-	203-	13992
S4 (119)	19/09/26	03:41:38	03:52:34	00:09:50	-----	312-	24-	77-	27757
S1 (116)	19/09/26	03:41:43	03:52:42	00:00:07	-----	312-	24-	78-	27758
A6 (10)	19/09/26	03:42:30	03:48:03	00:04:03	-----	258-	8-	206-	13992
B3 (15)	19/09/26	03:44:46	03:57:07	00:09:04	-----	304-	32-	81-	10414
A2 (06)	19/09/26	03:48:48	03:52:36	00:04:03	-----	251-	6-	214-	13992
T2 (110)	19/09/26	03:57:35	04:08:38	00:11:03	00:04:58	196-	28-	69-	27722
B2 (14)	19/09/26	03:57:43	04:10:12	00:01:34	-----	305-	34-	85-	10396
B4 (16)	19/09/26	04:11:15	04:23:55	00:12:40	00:01:03	305-	37-	89-	10414
S2 (113)	19/09/26	04:14:39	04:26:09	00:02:13	-----	312-	31-	90-	27846
C7 (27)	19/09/26	04:19:31	04:32:11	00:06:01	-----	212-	43-	65-	9748
B6 (18)	19/09/26	04:29:16	04:42:13	00:10:02	-----	305-	45-	99-	10397
T4 (114)	19/09/26	04:32:00	04:44:02	00:01:48	-----	215-	49-	61-	27725
S3 (112)	19/09/26	04:49:43	05:01:43	00:12:00	00:05:41	311-	43-	103-	27841
C3 (23)	19/09/26	04:56:55	05:10:08	00:08:24	-----	229-	72-	60-	9720
T1 (118)	19/09/26	05:06:04	05:18:26	00:08:18	-----	232-	87-	55-	27639
B1 (13)	19/09/26	05:10:05	05:23:17	00:04:50	-----	304-	59-	109-	10303
B7 (19)	19/09/26	05:10:09	05:23:24	00:00:07	-----	304-	67-	114-	10397
C1 (21)	19/09/26	05:14:24	05:27:40	00:04:16	-----	238-	86-	58-	9704
B8 (20)	19/09/26	05:20:44	05:34:00	00:06:19	-----	303-	75-	117-	10410
S4 (119)	19/09/26	05:25:23	05:37:43	00:03:43	-----	308-	66-	117-	27758
S1 (116)	19/09/26	05:25:28	05:37:48	00:00:05	-----	308-	69-	118-	27759
B3 (15)	19/09/26	05:30:29	05:43:47	00:05:58	-----	303-	77-	118-	10415
T2 (110)	19/09/26	05:40:29	05:52:45	00:08:58	-----	247-	59-	51-	27723
B2 (14)	19/09/26	05:43:23	05:56:40	00:03:54	-----	302-	90-	123-	10397
B4 (16)	19/09/26	05:56:53	06:10:07	00:13:14	00:00:12	300-	74-	130-	10415
S2 (113)	19/09/26	05:58:21	06:10:41	00:00:34	-----	303-	75-	133-	27847
C7 (27)	19/09/26	06:04:55	06:17:56	00:07:15	-----	257-	51-	55-	9749
B6 (18)	19/09/26	06:14:57	06:27:56	00:09:59	-----	296-	52-	140-	10398
T4 (114)	19/09/26	06:15:55	06:27:48	00:00:07	-----	261-	39-	49-	27726
S3 (112)	19/09/26	06:33:34	06:45:24	00:11:50	00:05:45	296-	42-	149-	27842
C3 (23)	19/09/26	06:43:07	06:55:47	00:10:22	-----	270-	38-	55-	9721
T1 (118)	19/09/26	06:50:48	07:02:07	00:06:20	-----	275-	28-	48-	27640
B1 (13)	19/09/26	06:55:57	07:08:18	00:06:11	-----	291-	35-	153-	10304
B7 (19)	19/09/26	06:56:09	07:08:05	00:00:01	-----	288-	29-	159-	10398
C1 (21)	19/09/26	07:00:56	07:13:21	00:05:15	-----	277-	33-	56-	9705
B8 (20)	19/09/26	07:06:51	07:18:23	00:05:02	-----	285-	25-	164-	10411
S4 (119)	19/09/26	07:09:39	07:20:21	00:01:57	-----	287-	24-	167-	27759
S1 (116)	19/09/26	07:09:47	07:20:19	00:00:01	-----	286-	23-	168-	27760
B3 (15)	19/09/26	07:16:39	07:28:05	00:07:45	-----	285-	24-	165-	10416

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
T2 (110)	19/09/26	07:25:45	07:36:33	00:08:28	-----	287-	23-	50-	27724
B2 (14)	19/09/26	07:29:48	07:40:27	00:03:54	-----	281-	19-	172-	10398
S2 (113)	19/09/26	07:43:32	07:51:45	00:08:12	00:03:05	273-	13-	190-	27848
B4 (16)	19/09/26	07:43:42	07:53:13	00:01:27	-----	276-	15-	182-	10416
C7 (27)	19/09/26	07:51:53	08:03:55	00:10:42	-----	290-	28-	61-	9750
T4 (114)	19/09/26	08:01:27	08:11:52	00:07:57	-----	297-	20-	53-	27727
B6 (18)	19/09/26	08:02:52	08:09:35	00:02:01	-----	261-	9-	202-	10399
K6 (106)	19/09/26	08:07:20	08:18:29	00:08:53	-----	204-	34-	66-	27694
C3 (23)	19/09/26	08:30:07	08:42:07	00:12:00	00:11:37	297-	27-	68-	9722
T1 (118)	19/09/26	08:36:18	08:46:38	00:04:31	-----	305-	20-	60-	27641
C1 (21)	19/09/26	08:47:49	08:59:54	00:12:04	00:01:10	301-	28-	73-	9706
K9 (109)	19/09/26	08:50:28	08:56:07	00:03:04	-----	156-	8-	103-	26753
T2 (110)	19/09/26	09:10:57	09:21:32	00:10:34	00:14:50	310-	21-	69-	27725
K7 (107)	19/09/26	09:22:14	09:31:34	00:09:19	00:00:42	180-	16-	81-	26753
T3 (105)	19/09/26	09:35:44	09:46:31	00:10:46	00:04:10	190-	22-	73-	26800
C7 (27)	19/09/26	09:38:21	09:50:51	00:04:20	-----	305-	35-	87-	9751
G2 (04)	19/09/26	09:42:56	09:53:26	00:02:35	-----	112-	22-	359-	12517
T4 (114)	19/09/26	09:46:13	09:57:14	00:03:47	-----	312-	25-	80-	27728
K6 (106)	19/09/26	09:50:00	10:01:41	00:04:27	-----	253-	47-	50-	27695
K3 (103)	19/09/26	09:56:44	10:07:54	00:06:12	-----	198-	29-	68-	26754
C3 (23)	19/09/26	10:16:13	10:29:08	00:12:54	00:08:19	305-	45-	99-	9723
T1 (118)	19/09/26	10:20:34	10:32:11	00:03:03	-----	312-	33-	93-	27642
K9 (109)	19/09/26	10:30:11	10:42:18	00:10:07	-----	219-	55-	60-	26754
C1 (21)	19/09/26	10:33:43	10:46:49	00:04:30	-----	305-	56-	107-	9707
K4 (104)	19/09/26	10:52:56	11:04:27	00:11:30	00:06:06	206-	36-	65-	26915
T2 (110)	19/09/26	10:54:52	11:06:58	00:02:31	-----	310-	47-	106-	27726
K7 (107)	19/09/26	11:03:56	11:16:18	00:09:20	-----	233-	90-	55-	26754
T3 (105)	19/09/26	11:18:57	11:31:45	00:12:48	00:02:38	240-	74-	53-	26801
G2 (04)	19/09/26	11:20:04	11:32:27	00:00:41	-----	170-	50-	327-	12518
C7 (27)	19/09/26	11:24:00	11:37:15	00:04:48	-----	301-	85-	125-	9752
T4 (114)	19/09/26	11:29:56	11:42:16	00:05:01	-----	307-	73-	120-	27729
K6 (106)	19/09/26	11:34:44	11:44:47	00:02:30	-----	292-	20-	49-	27696
K3 (103)	19/09/26	11:39:45	11:51:58	00:07:11	-----	248-	56-	51-	26755
C3 (23)	19/09/26	12:01:55	12:14:51	00:12:56	00:09:56	296-	52-	140-	9724
T1 (118)	19/09/26	12:04:16	12:16:33	00:01:41	-----	302-	66-	136-	27643
K9 (109)	19/09/26	12:14:17	12:26:03	00:09:29	-----	264-	36-	49-	26755
C1 (21)	19/09/26	12:19:32	12:32:00	00:05:56	-----	292-	37-	150-	9708
K4 (104)	19/09/26	12:36:28	12:48:28	00:12:00	00:04:28	254-	47-	50-	26916
T2 (110)	19/09/26	12:38:47	12:50:26	00:01:58	-----	295-	37-	152-	27727
K7 (107)	19/09/26	12:48:44	13:00:00	00:09:32	-----	276-	28-	48-	26755
T3 (105)	19/09/26	13:04:51	13:16:22	00:11:30	00:04:52	281-	26-	50-	26802
C7 (27)	19/09/26	13:10:31	13:20:53	00:04:30	-----	279-	18-	176-	9753
T4 (114)	19/09/26	13:14:20	13:24:36	00:03:43	-----	285-	21-	171-	27730
K6 (106)	19/09/26	13:19:04	13:29:10	00:04:33	-----	312-	21-	71-	27697
K3 (103)	19/09/26	13:25:03	13:35:47	00:06:36	-----	288-	23-	50-	26756
T1 (118)	19/09/26	13:49:49	13:57:08	00:07:19	00:14:01	268-	10-	196-	27644
C3 (23)	19/09/26	13:49:50	13:56:31	00:00:03	-----	260-	9-	202-	9725
K9 (109)	19/09/26	13:59:50	14:10:11	00:10:21	00:03:18	299-	20-	54-	26756
D4 (32)	19/09/26	14:02:07	14:07:16	00:02:05	-----	150-	7-	108-	3478
K4 (104)	19/09/26	14:22:00	14:32:29	00:10:30	00:14:43	292-	21-	51-	26917

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
K7 (107)	19/09/26	14:34:12	14:44:32	00:10:19	00:01:43	305-	20-	60-	26756
R3 (115)	19/09/26	14:43:47	14:51:18	00:06:45	-----	167-	11-	92-	27886
D6 (34)	19/09/26	14:45:02	14:53:17	00:02:00	-----	170-	12-	92-	3488
T3 (105)	19/09/26	14:51:04	15:02:03	00:08:45	-----	307-	22-	66-	26803
K6 (106)	19/09/26	15:02:08	15:13:47	00:11:39	00:00:05	310-	52-	110-	27698
K3 (103)	19/09/26	15:10:13	15:20:48	00:07:00	-----	310-	22-	70-	26757
D8 (36)	19/09/26	15:14:01	15:25:03	00:04:15	-----	191-	22-	78-	3484
D3 (31)	19/09/26	15:21:56	15:34:28	00:09:25	-----	210-	40-	67-	3395
R1 (117)	19/09/26	15:26:09	15:36:19	00:01:50	-----	185-	20-	75-	27882
D2 (30)	19/09/26	15:38:02	15:50:28	00:12:26	00:01:42	209-	38-	67-	3432
D4 (32)	19/09/26	15:43:07	15:55:54	00:05:26	-----	216-	46-	66-	3479
K9 (109)	19/09/26	15:44:29	15:55:37	00:00:01	-----	312-	26-	82-	26757
D7 (35)	19/09/26	15:54:42	16:07:08	00:11:31	-----	208-	37-	68-	3466
K4 (104)	19/09/26	16:07:03	16:17:48	00:10:40	-----	311-	23-	74-	26918
R2 (108)	19/09/26	16:14:12	16:26:07	00:08:18	-----	212-	45-	62-	28954
K7 (107)	19/09/26	16:18:27	16:30:05	00:03:58	-----	312-	34-	94-	26757
A7 (11)	19/09/26	16:23:09	16:30:40	00:00:34	-----	166-	10-	94-	14000
R3 (115)	19/09/26	16:24:16	16:36:25	00:05:45	-----	225-	69-	58-	27887
D6 (34)	19/09/26	16:27:30	16:40:35	00:04:09	-----	225-	62-	62-	3489
A6 (10)	19/09/26	16:28:32	16:36:22	00:04:01	-----	168-	11-	92-	14000
A2 (06)	19/09/26	16:33:33	16:42:12	00:05:49	-----	173-	13-	89-	14000
T3 (105)	19/09/26	16:36:01	16:48:25	00:06:13	-----	311-	42-	102-	26804
K6 (106)	19/09/26	16:45:27	16:56:13	00:07:47	-----	291-	29-	159-	27699
A1 (05)	19/09/26	16:50:26	17:00:28	00:04:14	-----	184-	17-	81-	14000
K3 (103)	19/09/26	16:54:06	17:06:13	00:05:44	-----	310-	49-	107-	26758
D8 (36)	19/09/26	16:58:04	17:11:21	00:05:08	-----	239-	84-	58-	3485
A4 (08)	19/09/26	16:58:07	17:08:58	00:02:02	-----	191-	21-	78-	13998
D3 (31)	19/09/26	17:07:12	17:20:15	00:11:17	-----	255-	54-	55-	3396
A3 (07)	19/09/26	17:07:25	17:18:29	00:01:04	-----	191-	23-	77-	14001
R1 (117)	19/09/26	17:08:23	17:20:45	00:02:16	-----	239-	76-	53-	27883
D2 (30)	19/09/26	17:23:13	17:36:16	00:13:03	00:02:27	254-	55-	55-	3433
A8 (12)	19/09/26	17:27:33	17:39:33	00:03:16	-----	204-	33-	69-	14001
K9 (109)	19/09/26	17:28:11	17:40:33	00:01:00	-----	306-	81-	123-	26758
D4 (32)	19/09/26	17:28:43	17:41:41	00:01:07	-----	258-	49-	54-	3480
A5 (09)	19/09/26	17:33:56	17:46:05	00:04:23	-----	207-	35-	69-	13998
D7 (35)	19/09/26	17:39:51	17:52:57	00:06:52	-----	253-	56-	55-	3467
K4 (104)	19/09/26	17:50:55	18:03:12	00:10:15	-----	309-	58-	113-	26919
R2 (108)	19/09/26	17:58:00	18:09:56	00:06:43	-----	259-	41-	49-	28955
K7 (107)	19/09/26	18:02:09	18:14:23	00:04:27	-----	301-	63-	137-	26758
A7 (11)	19/09/26	18:04:53	18:17:42	00:03:18	-----	223-	58-	63-	14001
R3 (115)	19/09/26	18:08:25	18:19:50	00:02:08	-----	269-	32-	48-	27888
A6 (10)	19/09/26	18:10:26	18:23:17	00:03:26	-----	224-	60-	63-	14001
D6 (34)	19/09/26	18:13:28	18:26:14	00:02:57	-----	266-	41-	55-	3490
A2 (06)	19/09/26	18:15:52	18:28:48	00:02:33	-----	227-	67-	61-	14001
T3 (105)	19/09/26	18:20:41	18:33:07	00:04:18	-----	298-	47-	146-	26805
A1 (05)	19/09/26	18:33:32	18:46:34	00:13:01	00:00:25	234-	84-	59-	14001
K3 (103)	19/09/26	18:38:02	18:49:36	00:03:02	-----	294-	35-	154-	26759
A4 (08)	19/09/26	18:41:43	18:54:46	00:05:09	-----	239-	83-	58-	13999
D8 (36)	19/09/26	18:44:38	18:57:03	00:02:16	-----	277-	33-	55-	3486
A3 (07)	19/09/26	18:51:10	19:04:12	00:07:09	-----	241-	79-	57-	14002

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
R1 (117)	19/09/26	18:53:24	19:04:27	00:00:14	-----	281-	25-	49-	27884
D3 (31)	19/09/26	18:54:09	19:06:12	00:01:44	-----	288-	28-	59-	3397
D2 (30)	19/09/26	19:10:08	19:22:11	00:12:02	00:03:56	288-	28-	59-	3434
A8 (12)	19/09/26	19:12:03	19:24:58	00:02:46	-----	251-	60-	56-	14002
K9 (109)	19/09/26	19:12:44	19:22:37	00:02:02	-----	282-	19-	176-	26759
D4 (32)	19/09/26	19:15:46	19:27:46	00:05:08	-----	291-	28-	60-	3481
A5 (09)	19/09/26	19:18:34	19:31:26	00:03:39	-----	252-	57-	55-	13999
D7 (35)	19/09/26	19:26:47	19:38:50	00:07:24	-----	287-	28-	58-	3468
K4 (104)	19/09/26	19:35:07	19:46:16	00:07:25	-----	290-	28-	161-	26920
R2 (108)	19/09/26	19:43:30	19:53:57	00:07:41	-----	296-	21-	53-	28956
K7 (107)	19/09/26	19:47:50	19:54:47	00:00:50	-----	266-	10-	199-	26759
A7 (11)	19/09/26	19:50:18	20:02:53	00:08:05	-----	264-	42-	54-	14002
R3 (115)	19/09/26	19:53:41	20:03:51	00:00:58	-----	302-	19-	56-	27889
A6 (10)	19/09/26	19:55:55	20:08:27	00:04:36	-----	265-	41-	54-	14002
D6 (34)	19/09/26	20:00:29	20:12:28	00:04:01	-----	296-	27-	66-	3491
A2 (06)	19/09/26	20:01:29	20:13:58	00:01:29	-----	268-	39-	55-	14002
T3 (105)	19/09/26	20:08:34	20:12:40	00:01:01	-----	250-	6-	219-	26806
A1 (05)	19/09/26	20:19:27	20:31:44	00:12:17	00:06:46	274-	34-	55-	14002
A4 (08)	19/09/26	20:27:50	20:39:58	00:08:14	-----	277-	32-	55-	14000
D8 (36)	19/09/26	20:31:30	20:43:38	00:03:40	-----	301-	29-	72-	3487
A3 (07)	19/09/26	20:37:20	20:49:26	00:05:47	-----	279-	31-	55-	14003
R1 (117)	19/09/26	20:38:47	20:49:10	00:00:01	-----	308-	20-	64-	27885
D3 (31)	19/09/26	20:40:40	20:53:07	00:03:56	-----	305-	34-	84-	3398
B6 (18)	19/09/26	20:52:41	21:00:48	00:07:41	-----	169-	11-	93-	10407
D2 (30)	19/09/26	20:56:40	21:09:05	00:08:17	-----	304-	33-	83-	3435
S3 (112)	19/09/26	20:57:02	21:05:28	00:03:03	-----	173-	13-	86-	27851
A8 (12)	19/09/26	20:58:27	21:10:19	00:04:50	-----	286-	28-	59-	14003
D4 (32)	19/09/26	21:02:13	21:14:48	00:04:28	-----	305-	36-	87-	3482
A5 (09)	19/09/26	21:05:00	21:16:49	00:02:00	-----	287-	28-	57-	14000
D7 (35)	19/09/26	21:13:20	21:25:44	00:08:55	-----	304-	33-	82-	3469
R2 (108)	19/09/26	21:28:19	21:39:16	00:10:56	00:02:35	312-	24-	78-	28957
S1 (116)	19/09/26	21:31:19	21:42:10	00:02:53	-----	193-	25-	70-	27769
S4 (119)	19/09/26	21:31:20	21:42:02	00:00:07	-----	191-	24-	71-	27768
B7 (19)	19/09/26	21:31:41	21:42:52	00:00:49	-----	192-	22-	75-	10407
B1 (13)	19/09/26	21:32:07	21:42:39	00:00:01	-----	186-	19-	79-	10313
A7 (11)	19/09/26	21:36:51	21:48:33	00:05:54	-----	295-	27-	62-	14003
R3 (115)	19/09/26	21:37:52	21:49:04	00:00:31	-----	313-	28-	87-	27890
B8 (20)	19/09/26	21:41:58	21:53:36	00:04:31	-----	197-	26-	72-	10420
A6 (10)	19/09/26	21:42:27	21:54:09	00:00:33	-----	295-	27-	63-	14003
D6 (34)	19/09/26	21:46:41	21:59:30	00:05:20	-----	306-	41-	95-	3492
A2 (06)	19/09/26	21:48:01	21:59:45	00:00:14	-----	297-	27-	66-	14003
B3 (15)	19/09/26	21:51:39	22:03:22	00:03:37	-----	196-	27-	72-	10425
S2 (113)	19/09/26	22:03:28	22:15:22	00:11:53	00:00:06	211-	43-	62-	27857
B2 (14)	19/09/26	22:04:12	22:16:25	00:01:02	-----	204-	33-	69-	10407
A1 (05)	19/09/26	22:05:55	22:17:42	00:01:16	-----	300-	27-	70-	14003
A4 (08)	19/09/26	22:14:14	22:26:03	00:08:21	-----	301-	28-	71-	14001
B4 (16)	19/09/26	22:17:13	22:29:52	00:03:49	-----	212-	42-	66-	10425
D8 (36)	19/09/26	22:17:24	22:30:34	00:00:41	-----	305-	57-	107-	3488
R1 (117)	19/09/26	22:22:52	22:34:42	00:04:07	-----	312-	38-	99-	27886
A3 (07)	19/09/26	22:23:42	22:35:34	00:00:51	-----	302-	28-	73-	14004

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
D3 (31)	19/09/26	22:26:20	22:39:36	00:04:02	-----	302-	90-	123-	3399
B6 (18)	19/09/26	22:35:03	22:48:10	00:08:33	-----	224-	61-	62-	10408
S3 (112)	19/09/26	22:38:13	22:50:35	00:02:25	-----	228-	77-	57-	27852
D2 (30)	19/09/26	22:42:20	22:55:38	00:05:02	-----	302-	87-	122-	3436
A8 (12)	19/09/26	22:44:37	22:56:40	00:01:01	-----	304-	31-	81-	14004
D4 (32)	19/09/26	22:47:55	23:01:11	00:04:31	-----	301-	80-	128-	3483
A5 (09)	19/09/26	22:51:07	23:03:11	00:02:00	-----	304-	31-	81-	14001
D7 (35)	19/09/26	22:59:00	23:12:17	00:09:05	-----	302-	85-	121-	3470
R2 (108)	19/09/26	23:12:03	23:24:23	00:12:06	-----	308-	69-	118-	28958
S4 (119)	19/09/26	23:13:57	23:26:18	00:01:54	-----	243-	66-	52-	27769
S1 (116)	19/09/26	23:14:02	23:26:22	00:00:04	-----	244-	63-	52-	27770
B7 (19)	19/09/26	23:15:49	23:29:07	00:02:44	-----	240-	82-	58-	10408
B1 (13)	19/09/26	23:15:50	23:29:08	00:00:00	-----	235-	87-	59-	10314
R3 (115)	19/09/26	23:21:15	23:33:29	00:04:20	-----	304-	84-	129-	27891
A7 (11)	19/09/26	23:22:38	23:35:05	00:01:35	-----	306-	39-	92-	14004
B8 (20)	19/09/26	23:26:26	23:39:41	00:04:36	-----	244-	73-	57-	10421
A6 (10)	19/09/26	23:28:12	23:40:41	00:01:00	-----	306-	40-	93-	14004
D6 (34)	19/09/26	23:32:20	23:45:28	00:04:47	-----	298-	61-	136-	3493
A2 (06)	19/09/26	23:33:41	23:46:17	00:00:48	-----	306-	42-	96-	14004
B3 (15)	19/09/26	23:36:10	23:49:26	00:03:08	-----	245-	71-	57-	10426
G2 (04)	19/09/26	23:37:52	23:48:53	00:00:03	-----	44-	24-	166-	12525
S2 (113)	19/09/26	23:47:12	23:59:12	00:10:18	-----	258-	42-	49-	27858
B2 (14)	19/09/26	23:49:07	00:02:19	00:03:06	-----	250-	61-	56-	10408
A1 (05)	19/09/26	23:51:26	00:04:12	00:01:53	-----	305-	49-	103-	14004
A4 (08)	19/09/26	23:59:39	00:12:29	00:08:16	-----	305-	56-	106-	14002
B4 (16)	19/09/27	00:02:33	00:15:37	00:03:08	-----	256-	52-	55-	10426
D8 (36)	19/09/27	00:03:14	00:15:42	00:00:05	-----	292-	37-	152-	3489
R1 (117)	19/09/27	00:06:37	00:18:40	00:02:58	-----	299-	51-	144-	27887
A3 (07)	19/09/27	00:09:05	00:21:58	00:03:18	-----	305-	59-	108-	14005
D3 (31)	19/09/27	00:12:44	00:23:26	00:01:27	-----	281-	20-	172-	3400
B6 (18)	19/09/27	00:20:59	00:33:49	00:10:23	-----	265-	42-	55-	10409
S3 (112)	19/09/27	00:22:48	00:34:16	00:00:26	-----	272-	30-	48-	27853
D2 (30)	19/09/27	00:28:40	00:39:34	00:05:18	-----	282-	21-	170-	3437
A8 (12)	19/09/27	00:29:51	00:42:50	00:03:16	-----	303-	77-	118-	14005
D4 (32)	19/09/27	00:34:38	00:44:40	00:01:49	-----	278-	17-	179-	3484
A5 (09)	19/09/27	00:36:19	00:49:19	00:04:38	-----	303-	81-	120-	14002
D7 (35)	19/09/27	00:45:19	00:56:16	00:06:57	-----	283-	21-	170-	3471
R2 (108)	19/09/27	00:56:22	01:06:54	00:10:31	00:00:06	286-	23-	168-	28959
S4 (119)	19/09/27	00:59:07	01:10:03	00:03:09	-----	284-	24-	49-	27770
S1 (116)	19/09/27	00:59:15	01:10:08	00:00:05	-----	285-	24-	49-	27771
B1 (13)	19/09/27	01:02:16	01:14:49	00:04:40	-----	274-	34-	56-	10315
B7 (19)	19/09/27	01:02:25	01:14:49	00:00:00	-----	278-	32-	57-	10409
R3 (115)	19/09/27	01:05:54	01:14:40	00:00:08	-----	276-	14-	184-	27892
A7 (11)	19/09/27	01:07:48	01:20:41	00:06:00	-----	299-	66-	134-	14005
B8 (20)	19/09/27	01:13:08	01:25:26	00:04:45	-----	281-	31-	57-	10422
A6 (10)	19/09/27	01:13:22	01:26:14	00:00:47	-----	298-	64-	135-	14005
G2 (04)	19/09/27	01:15:48	01:27:57	00:01:43	-----	13-	42-	228-	12526
A2 (06)	19/09/27	01:18:52	01:31:41	00:03:43	-----	297-	57-	138-	14005
D6 (34)	19/09/27	01:19:40	01:27:51	00:03:05	-----	268-	11-	191-	3494
B3 (15)	19/09/27	01:22:54	01:35:11	00:07:20	-----	282-	31-	58-	10427

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
S2 (113)	19/09/27	01:32:42	01:43:12	00:08:01	-----	295-	21-	52-	27859
B2 (14)	19/09/27	01:35:58	01:48:09	00:04:56	-----	285-	29-	59-	10409
A1 (05)	19/09/27	01:36:42	01:49:13	00:01:04	-----	294-	44-	145-	14005
A4 (08)	19/09/27	01:45:00	01:57:10	00:07:56	-----	292-	36-	152-	14003
B4 (16)	19/09/27	01:49:29	02:01:34	00:04:24	-----	289-	28-	60-	10427
R1 (117)	19/09/27	01:53:12	01:57:56	00:03:03	-----	253-	7-	215-	27888
A3 (07)	19/09/27	01:54:28	02:06:32	00:08:35	-----	291-	34-	154-	14006
B6 (18)	19/09/27	02:08:00	02:20:01	00:12:01	00:01:27	295-	27-	66-	10410
S3 (112)	19/09/27	02:08:20	02:18:41	00:01:02	-----	303-	20-	58-	27854
A8 (12)	19/09/27	02:15:33	02:26:39	00:07:58	-----	284-	23-	166-	14006
A5 (09)	19/09/27	02:22:06	02:32:59	00:06:19	-----	283-	22-	169-	14003
T1 (118)	19/09/27	02:30:11	02:34:34	00:01:35	-----	145-	7-	102-	27652
C3 (23)	19/09/27	02:39:45	02:47:52	00:08:07	00:05:10	169-	11-	92-	9733
S4 (119)	19/09/27	02:44:24	02:54:55	00:07:02	-----	309-	21-	66-	27771
S1 (116)	19/09/27	02:44:30	02:55:03	00:00:07	-----	309-	21-	67-	27772
B1 (13)	19/09/27	02:49:12	03:01:18	00:06:15	-----	300-	28-	72-	10316
B7 (19)	19/09/27	02:49:16	03:01:25	00:00:06	-----	301-	29-	74-	10410
A7 (11)	19/09/27	02:54:27	03:02:54	00:01:28	-----	271-	12-	188-	14006
C1 (21)	19/09/27	02:55:56	03:06:03	00:03:09	-----	183-	17-	81-	9717
B8 (20)	19/09/27	02:59:55	03:12:07	00:06:03	-----	302-	30-	77-	10423
A6 (10)	19/09/27	03:00:08	03:08:18	00:03:04	-----	270-	12-	190-	14006
T2 (110)	19/09/27	03:01:49	03:10:52	00:02:34	-----	178-	15-	82-	27736
A2 (06)	19/09/27	03:05:58	03:13:20	00:02:28	-----	264-	10-	197-	14006
B3 (15)	19/09/27	03:09:39	03:21:54	00:08:33	-----	303-	30-	78-	10428
S2 (113)	19/09/27	03:17:33	03:28:30	00:06:36	-----	312-	24-	77-	27860
B2 (14)	19/09/27	03:22:36	03:34:58	00:06:27	-----	304-	32-	82-	10410
A1 (05)	19/09/27	03:25:01	03:29:24	00:05:03	-----	249-	6-	216-	14006
T4 (114)	19/09/27	03:35:40	03:46:41	00:11:01	00:06:15	196-	27-	69-	27739
B4 (16)	19/09/27	03:35:57	03:48:28	00:01:47	-----	305-	34-	85-	10428
C7 (27)	19/09/27	03:44:47	03:57:07	00:08:38	-----	206-	35-	68-	9762
S3 (112)	19/09/27	03:52:43	04:04:12	00:07:05	-----	312-	31-	90-	27855
B6 (18)	19/09/27	03:54:13	04:07:02	00:02:49	-----	305-	41-	95-	10411
T1 (118)	19/09/27	04:09:17	04:21:19	00:12:02	00:02:15	216-	50-	61-	27653
C3 (23)	19/09/27	04:22:08	04:35:14	00:13:06	00:00:48	224-	61-	62-	9734
S4 (119)	19/09/27	04:28:24	04:40:24	00:05:10	-----	311-	43-	103-	27772
S1 (116)	19/09/27	04:28:29	04:40:31	00:00:06	-----	311-	44-	104-	27773
B7 (19)	19/09/27	04:35:08	04:48:19	00:07:47	-----	305-	59-	109-	10411
B1 (13)	19/09/27	04:35:10	04:48:16	00:00:02	-----	305-	52-	105-	10317
C1 (21)	19/09/27	04:39:24	04:52:40	00:04:23	-----	233-	82-	59-	9718
T2 (110)	19/09/27	04:43:22	04:55:44	00:03:04	-----	232-	86-	55-	27737
B8 (20)	19/09/27	04:45:43	04:58:56	00:03:11	-----	304-	65-	112-	10424
B3 (15)	19/09/27	04:55:26	05:08:41	00:09:45	-----	304-	67-	113-	10429
S2 (113)	19/09/27	05:01:18	05:13:39	00:04:57	-----	308-	67-	117-	27861
B2 (14)	19/09/27	05:08:19	05:21:37	00:07:57	-----	303-	78-	118-	10411
T4 (114)	19/09/27	05:18:32	05:30:49	00:09:12	-----	246-	60-	51-	27740
B4 (16)	19/09/27	05:21:35	05:34:53	00:04:03	-----	301-	87-	125-	10429
C7 (27)	19/09/27	05:29:50	05:42:58	00:08:05	-----	252-	58-	56-	9763
S3 (112)	19/09/27	05:36:24	05:48:44	00:05:46	-----	303-	75-	133-	27856
B6 (18)	19/09/27	05:39:52	05:53:00	00:04:16	-----	298-	63-	135-	10412
T1 (118)	19/09/27	05:53:14	06:05:06	00:11:51	00:00:13	261-	39-	49-	27654

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
C3 (23)	19/09/27	06:08:05	06:20:54	00:12:48	00:02:59	265-	41-	55-	9735
S4 (119)	19/09/27	06:12:15	06:24:07	00:03:13	-----	297-	43-	148-	27773
S1 (116)	19/09/27	06:12:21	06:24:09	00:00:01	-----	296-	41-	150-	27774
B1 (13)	19/09/27	06:20:57	06:33:38	00:09:29	-----	293-	42-	147-	10318
B7 (19)	19/09/27	06:21:00	06:33:23	00:00:01	-----	291-	35-	153-	10412
C1 (21)	19/09/27	06:25:46	06:38:18	00:04:55	-----	273-	35-	56-	9719
T2 (110)	19/09/27	06:28:05	06:39:25	00:01:06	-----	275-	28-	48-	27738
B8 (20)	19/09/27	06:31:41	06:43:42	00:04:17	-----	289-	30-	157-	10425
B3 (15)	19/09/27	06:41:25	06:53:24	00:09:41	-----	288-	29-	158-	10430
S2 (113)	19/09/27	06:45:35	06:56:15	00:02:50	-----	287-	24-	167-	27862
B2 (14)	19/09/27	06:54:30	07:05:52	00:09:37	-----	285-	24-	165-	10412
K6 (106)	19/09/27	07:02:12	07:11:15	00:05:23	-----	180-	16-	81-	27708
T4 (114)	19/09/27	07:03:48	07:14:36	00:03:20	-----	287-	23-	49-	27741
B4 (16)	19/09/27	07:08:04	07:18:33	00:03:56	-----	280-	18-	175-	10430
C7 (27)	19/09/27	07:16:45	07:28:50	00:10:17	-----	287-	29-	60-	9764
S3 (112)	19/09/27	07:21:36	07:29:48	00:00:57	-----	273-	12-	190-	27857
B6 (18)	19/09/27	07:27:08	07:35:30	00:05:42	-----	269-	12-	191-	10413
T1 (118)	19/09/27	07:38:46	07:49:11	00:10:25	00:03:15	297-	20-	53-	27655
C3 (23)	19/09/27	07:55:07	08:07:06	00:11:59	00:05:55	295-	27-	65-	9736
B1 (13)	19/09/27	08:10:21	08:13:37	00:03:15	00:03:14	249-	6-	217-	10319
C1 (21)	19/09/27	08:12:43	08:24:44	00:11:07	-----	299-	28-	70-	9720
T2 (110)	19/09/27	08:13:35	08:23:56	00:00:04	-----	305-	20-	60-	27739
K7 (107)	19/09/27	08:27:44	08:32:46	00:05:01	00:03:48	154-	7-	101-	26767
K6 (106)	19/09/27	08:43:17	08:55:15	00:11:57	00:10:31	234-	88-	55-	27709
T4 (114)	19/09/27	08:49:01	08:59:34	00:04:19	-----	310-	21-	68-	27742
T3 (105)	19/09/27	08:51:11	09:00:21	00:00:46	-----	176-	14-	83-	26814
K3 (103)	19/09/27	09:00:54	09:10:12	00:09:18	00:00:33	180-	16-	81-	26768
C7 (27)	19/09/27	09:03:20	09:15:42	00:05:29	-----	304-	32-	83-	9765
G2 (04)	19/09/27	09:16:02	09:23:50	00:07:48	00:00:19	90-	11-	11-	12531
T1 (118)	19/09/27	09:23:30	09:34:34	00:10:43	-----	312-	25-	80-	27656
K9 (109)	19/09/27	09:33:46	09:45:02	00:10:27	-----	200-	31-	67-	26768
C3 (23)	19/09/27	09:41:20	09:54:07	00:09:05	-----	305-	41-	95-	9737
T2 (110)	19/09/27	09:57:52	10:09:29	00:11:36	00:03:44	312-	33-	93-	27740
K4 (104)	19/09/27	09:58:13	10:08:22	00:01:07	-----	186-	21-	74-	26929
C1 (21)	19/09/27	09:58:43	10:11:43	00:03:21	-----	305-	49-	103-	9721
K7 (107)	19/09/27	10:07:08	10:19:13	00:07:29	-----	217-	52-	61-	26768
K6 (106)	19/09/27	10:27:25	10:38:09	00:10:44	00:08:11	277-	26-	47-	27710
T4 (114)	19/09/27	10:32:56	10:45:00	00:06:50	-----	311-	46-	106-	27743
T3 (105)	19/09/27	10:33:23	10:46:11	00:01:10	-----	230-	81-	56-	26815
K3 (103)	19/09/27	10:42:35	10:54:57	00:08:45	-----	233-	89-	55-	26769
C7 (27)	19/09/27	10:49:02	11:02:17	00:07:20	-----	302-	82-	120-	9766
G2 (04)	19/09/27	10:51:16	11:03:54	00:01:36	-----	151-	80-	338-	12532
T1 (118)	19/09/27	11:07:13	11:19:35	00:12:22	00:03:18	307-	75-	121-	27657
K9 (109)	19/09/27	11:16:52	11:29:04	00:09:28	-----	249-	54-	51-	26769
C3 (23)	19/09/27	11:27:00	11:40:06	00:11:02	-----	298-	63-	135-	9738
K4 (104)	19/09/27	11:40:37	11:52:52	00:12:15	00:00:30	240-	74-	53-	26930
T2 (110)	19/09/27	11:41:34	11:53:51	00:00:58	-----	302-	66-	136-	27741
C1 (21)	19/09/27	11:44:27	11:57:12	00:03:21	-----	294-	45-	145-	9722
K7 (107)	19/09/27	11:51:09	12:02:58	00:05:45	-----	263-	38-	49-	26769
K6 (106)	19/09/27	12:12:12	12:21:56	00:09:43	00:09:13	307-	18-	59-	27711

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
T4 (114)	19/09/27	12:16:50	12:28:32	00:06:36	-----	295-	38-	152-	27744
T3 (105)	19/09/27	12:18:53	12:30:45	00:02:13	-----	273-	31-	49-	26816
K3 (103)	19/09/27	12:27:22	12:38:37	00:07:52	-----	276-	28-	48-	26770
G2 (04)	19/09/27	12:32:32	12:40:21	00:01:43	-----	219-	11-	294-	12533
C7 (27)	19/09/27	12:35:17	12:46:22	00:06:01	-----	283-	22-	168-	9767
T1 (118)	19/09/27	12:51:39	13:01:54	00:10:15	00:05:16	284-	21-	172-	27658
K9 (109)	19/09/27	13:02:12	13:12:54	00:10:41	00:00:18	289-	22-	50-	26770
C3 (23)	19/09/27	13:14:17	13:22:36	00:08:19	00:01:23	268-	12-	191-	9739
K4 (104)	19/09/27	13:25:45	13:36:41	00:10:56	00:03:08	282-	25-	49-	26931
T2 (110)	19/09/27	13:27:05	13:34:27	00:02:01	-----	268-	11-	196-	27742
C1 (21)	19/09/27	13:33:06	13:37:58	00:03:30	-----	251-	7-	213-	9723
K7 (107)	19/09/27	13:36:42	13:47:05	00:09:06	-----	298-	20-	54-	26770
K6 (106)	19/09/27	13:55:42	14:06:46	00:11:03	00:08:37	313-	32-	92-	27712
T3 (105)	19/09/27	14:05:15	14:16:07	00:09:21	-----	303-	21-	60-	26817
D6 (34)	19/09/27	14:11:07	14:17:42	00:01:35	-----	161-	9-	101-	3502
K3 (103)	19/09/27	14:12:51	14:23:10	00:05:27	-----	305-	20-	60-	26771
R1 (117)	19/09/27	14:30:50	14:38:01	00:07:10	00:07:40	164-	10-	93-	27896
D8 (36)	19/09/27	14:39:37	14:49:52	00:10:15	00:01:35	184-	18-	83-	3498
D3 (31)	19/09/27	14:47:15	14:59:26	00:09:33	-----	204-	33-	70-	3409
K9 (109)	19/09/27	14:47:20	14:57:57	00:01:02	-----	310-	22-	71-	26771
D2 (30)	19/09/27	15:03:21	15:15:24	00:12:02	00:05:24	202-	31-	71-	3446
D4 (32)	19/09/27	15:09:10	15:21:42	00:06:18	-----	209-	39-	67-	3493
K4 (104)	19/09/27	15:11:11	15:21:34	00:00:08	-----	308-	20-	64-	26932
R2 (108)	19/09/27	15:17:55	15:28:44	00:07:10	-----	193-	25-	71-	28968
D7 (35)	19/09/27	15:20:00	15:32:01	00:03:17	-----	201-	31-	71-	3480
K7 (107)	19/09/27	15:21:24	15:32:29	00:00:27	-----	312-	26-	81-	26771
R3 (115)	19/09/27	15:23:57	15:35:25	00:02:56	-----	205-	36-	65-	27901
K6 (106)	19/09/27	15:38:40	15:50:23	00:11:43	00:03:14	301-	64-	137-	27713
T3 (105)	19/09/27	15:50:27	16:02:31	00:12:03	00:00:04	312-	34-	93-	26818
D6 (34)	19/09/27	15:52:43	16:05:38	00:03:06	-----	219-	52-	64-	3503
A2 (06)	19/09/27	15:53:42	15:59:57	00:05:04	-----	159-	8-	102-	14014
K3 (103)	19/09/27	15:57:05	16:08:43	00:08:46	-----	312-	34-	94-	26772
A1 (05)	19/09/27	16:10:11	16:18:37	00:08:26	00:01:27	172-	12-	90-	14014
R1 (117)	19/09/27	16:11:21	16:23:36	00:04:59	-----	223-	65-	58-	27897
A4 (08)	19/09/27	16:17:37	16:27:15	00:03:39	-----	180-	16-	86-	14012
D8 (36)	19/09/27	16:23:11	16:36:26	00:09:11	-----	234-	84-	59-	3499
A3 (07)	19/09/27	16:26:53	16:36:51	00:00:24	-----	183-	17-	84-	14015
K9 (109)	19/09/27	16:31:12	16:43:20	00:06:29	-----	310-	50-	109-	26772
D3 (31)	19/09/27	16:32:11	16:45:19	00:01:58	-----	250-	61-	55-	3410
A8 (12)	19/09/27	16:46:48	16:58:05	00:11:17	00:01:28	194-	25-	73-	14015
D2 (30)	19/09/27	16:48:11	17:01:20	00:03:14	-----	249-	63-	55-	3447
A5 (09)	19/09/27	16:53:09	17:04:37	00:03:17	-----	197-	27-	74-	14012
D4 (32)	19/09/27	16:54:28	17:07:32	00:02:54	-----	254-	55-	55-	3494
K4 (104)	19/09/27	16:55:20	17:07:13	00:00:01	-----	312-	39-	100-	26933
R2 (108)	19/09/27	17:00:38	17:12:56	00:05:43	-----	244-	63-	52-	28969
D7 (35)	19/09/27	17:04:48	17:17:58	00:05:02	-----	248-	64-	56-	3481
K7 (107)	19/09/27	17:05:06	17:17:28	00:00:03	-----	307-	77-	122-	26772
R3 (115)	19/09/27	17:07:06	17:19:03	00:01:35	-----	254-	47-	50-	27902
K6 (106)	19/09/27	17:23:37	17:30:06	00:06:28	00:04:33	264-	9-	200-	27714
A7 (11)	19/09/27	17:23:54	17:36:24	00:06:18	-----	214-	44-	66-	14015

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
A6 (10)	19/09/27	17:29:25	17:41:58	00:05:33	-----	215-	46-	65-	14015
A2 (06)	19/09/27	17:34:47	17:47:29	00:05:31	-----	219-	51-	64-	14015
T3 (105)	19/09/27	17:35:02	17:47:47	00:00:18	-----	302-	69-	135-	26819
D6 (34)	19/09/27	17:38:26	17:51:20	00:03:32	-----	261-	45-	55-	3504
K3 (103)	19/09/27	17:40:47	17:53:01	00:01:41	-----	301-	63-	137-	26773
A1 (05)	19/09/27	17:52:24	18:05:19	00:12:17	-----	226-	65-	61-	14015
R1 (117)	19/09/27	17:55:41	18:07:18	00:01:59	-----	268-	33-	48-	27898
A4 (08)	19/09/27	18:00:28	18:13:30	00:06:12	-----	232-	78-	60-	14013
D8 (36)	19/09/27	18:09:34	18:22:06	00:08:36	-----	273-	35-	54-	3500
A3 (07)	19/09/27	18:09:57	18:22:58	00:00:51	-----	234-	83-	59-	14016
K9 (109)	19/09/27	18:15:10	18:26:39	00:03:41	-----	293-	34-	156-	26773
D3 (31)	19/09/27	18:19:03	18:31:10	00:04:30	-----	285-	29-	57-	3411
A8 (12)	19/09/27	18:30:43	18:43:44	00:12:34	-----	243-	74-	57-	14016
D2 (30)	19/09/27	18:35:01	18:47:09	00:03:24	-----	284-	29-	57-	3448
A5 (09)	19/09/27	18:37:13	18:50:12	00:03:02	-----	245-	71-	56-	14013
K4 (104)	19/09/27	18:39:12	18:51:18	00:01:06	-----	298-	49-	145-	26934
D4 (32)	19/09/27	18:41:27	18:53:31	00:02:13	-----	288-	28-	59-	3495
R2 (108)	19/09/27	18:45:50	18:56:42	00:03:10	-----	285-	24-	49-	28970
K7 (107)	19/09/27	18:49:35	18:59:39	00:02:57	-----	283-	20-	174-	26773
D7 (35)	19/09/27	18:51:38	19:03:47	00:04:07	-----	284-	29-	57-	3482
R3 (115)	19/09/27	18:52:14	19:02:40	00:01:06	-----	292-	21-	51-	27903
A7 (11)	19/09/27	19:08:54	19:21:40	00:12:45	00:06:13	257-	49-	54-	14016
A6 (10)	19/09/27	19:14:28	19:27:12	00:05:32	-----	258-	48-	54-	14016
A2 (06)	19/09/27	19:20:01	19:32:42	00:05:29	-----	261-	45-	55-	14016
T3 (105)	19/09/27	19:21:17	19:29:22	00:03:01	-----	271-	12-	193-	26820
D6 (34)	19/09/27	19:25:27	19:37:26	00:08:04	-----	293-	27-	63-	3505
K3 (103)	19/09/27	19:26:27	19:33:26	00:03:05	-----	266-	10-	199-	26774
A1 (05)	19/09/27	19:37:59	19:50:29	00:12:30	00:04:32	267-	39-	55-	14016
R1 (117)	19/09/27	19:41:13	19:51:33	00:01:04	-----	301-	20-	56-	27899
A4 (08)	19/09/27	19:46:18	19:58:39	00:07:06	-----	271-	36-	54-	14014
A3 (07)	19/09/27	19:55:51	20:08:08	00:09:28	-----	273-	35-	54-	14017
D8 (36)	19/09/27	19:56:30	20:08:34	00:00:25	-----	299-	28-	69-	3501
D3 (31)	19/09/27	20:05:41	20:18:00	00:09:25	-----	304-	32-	80-	3412
A8 (12)	19/09/27	20:16:57	20:28:59	00:10:59	-----	281-	30-	57-	14017
B6 (18)	19/09/27	20:18:41	20:25:01	00:03:05	-----	159-	8-	103-	10421
D2 (30)	19/09/27	20:21:41	20:33:58	00:08:56	-----	304-	31-	79-	3449
A5 (09)	19/09/27	20:23:29	20:35:27	00:01:29	-----	282-	30-	55-	14014
K4 (104)	19/09/27	20:26:01	20:30:26	00:05:01	-----	251-	7-	212-	26935
D4 (32)	19/09/27	20:28:02	20:40:29	00:10:03	-----	304-	33-	83-	3496
R2 (108)	19/09/27	20:31:06	20:41:36	00:01:06	-----	309-	21-	67-	28971
S1 (116)	19/09/27	20:35:42	20:44:19	00:02:42	-----	174-	14-	85-	27783
S4 (119)	19/09/27	20:35:47	20:44:08	00:00:01	-----	172-	13-	87-	27782
R3 (115)	19/09/27	20:36:57	20:47:34	00:03:25	-----	311-	22-	73-	27904
D7 (35)	19/09/27	20:38:18	20:50:34	00:03:00	-----	303-	31-	78-	3483
A7 (11)	19/09/27	20:55:25	21:07:10	00:11:44	00:04:50	290-	27-	59-	14017
B7 (19)	19/09/27	20:57:09	21:07:36	00:00:25	-----	185-	18-	79-	10421
B1 (13)	19/09/27	20:57:47	21:07:24	00:00:01	-----	179-	15-	84-	10327
A6 (10)	19/09/27	21:01:00	21:12:44	00:05:19	-----	291-	27-	60-	14017
A2 (06)	19/09/27	21:06:33	21:18:17	00:05:33	-----	293-	27-	63-	14017
S2 (113)	19/09/27	21:07:13	21:17:58	00:00:01	-----	191-	24-	71-	27871

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
B8 (20)	19/09/27	21:07:22	21:18:23	00:00:25	-----	191-	21-	76-	10434
D6 (34)	19/09/27	21:11:46	21:24:26	00:06:03	-----	305-	38-	91-	3506
B3 (15)	19/09/27	21:17:00	21:28:07	00:03:40	-----	192-	22-	75-	10439
A1 (05)	19/09/27	21:24:31	21:36:15	00:08:07	-----	296-	27-	66-	14017
R1 (117)	19/09/27	21:25:44	21:37:02	00:00:47	-----	312-	28-	86-	27900
B2 (14)	19/09/27	21:29:27	21:41:13	00:04:10	-----	197-	27-	72-	10421
A4 (08)	19/09/27	21:32:48	21:44:32	00:03:19	-----	298-	27-	67-	14015
S3 (112)	19/09/27	21:41:32	21:53:26	00:08:53	-----	211-	44-	62-	27866
B4 (16)	19/09/27	21:42:11	21:54:30	00:01:04	-----	206-	35-	69-	10439
A3 (07)	19/09/27	21:42:20	21:54:05	00:00:02	-----	299-	27-	68-	14018
D8 (36)	19/09/27	21:42:30	21:55:34	00:01:28	-----	305-	50-	102-	3502
D3 (31)	19/09/27	21:51:23	22:04:40	00:09:05	-----	303-	78-	118-	3413
B6 (18)	19/09/27	22:00:08	22:13:04	00:08:24	-----	218-	50-	64-	10422
A8 (12)	19/09/27	22:03:17	22:15:10	00:02:05	-----	303-	29-	76-	14018
D2 (30)	19/09/27	22:07:24	22:20:40	00:05:30	-----	303-	75-	117-	3450
A5 (09)	19/09/27	22:09:46	22:21:40	00:01:00	-----	303-	29-	75-	14015
D4 (32)	19/09/27	22:13:46	22:27:03	00:05:23	-----	302-	88-	123-	3497
R2 (108)	19/09/27	22:15:03	22:27:04	00:00:01	-----	311-	44-	104-	28972
S4 (119)	19/09/27	22:16:55	22:29:16	00:02:11	-----	228-	76-	57-	27783
S1 (116)	19/09/27	22:16:58	22:29:21	00:00:04	-----	229-	80-	56-	27784
R3 (115)	19/09/27	22:20:28	22:32:34	00:03:12	-----	309-	57-	112-	27905
D7 (35)	19/09/27	22:24:02	22:37:17	00:04:42	-----	303-	74-	116-	3484
B7 (19)	19/09/27	22:40:48	22:54:06	00:13:17	00:03:31	235-	86-	59-	10422
B1 (13)	19/09/27	22:40:57	22:54:13	00:00:06	-----	230-	75-	60-	10328
A7 (11)	19/09/27	22:41:23	22:53:37	00:00:03	-----	305-	34-	85-	14018
A6 (10)	19/09/27	22:46:56	22:59:12	00:05:34	-----	305-	35-	86-	14018
S2 (113)	19/09/27	22:49:52	23:02:12	00:03:00	-----	243-	65-	52-	27872
B8 (20)	19/09/27	22:51:24	23:04:41	00:02:28	-----	239-	85-	58-	10435
A2 (06)	19/09/27	22:52:24	23:04:48	00:00:06	-----	306-	36-	90-	14018
D6 (34)	19/09/27	22:57:25	23:10:39	00:05:51	-----	300-	73-	131-	3507
B3 (15)	19/09/27	23:01:05	23:14:23	00:03:43	-----	240-	83-	58-	10440
R1 (117)	19/09/27	23:09:25	23:21:47	00:07:23	-----	305-	88-	128-	27901
A1 (05)	19/09/27	23:10:13	23:22:47	00:01:00	-----	306-	41-	96-	14018
G2 (04)	19/09/27	23:10:37	23:18:18	00:04:02	-----	61-	11-	141-	12539
B2 (14)	19/09/27	23:14:00	23:27:15	00:08:57	-----	245-	71-	57-	10422
A4 (08)	19/09/27	23:18:22	23:31:03	00:03:47	-----	306-	46-	99-	14016
S3 (112)	19/09/27	23:25:16	23:37:16	00:06:12	-----	258-	42-	49-	27867
B4 (16)	19/09/27	23:27:11	23:40:21	00:03:04	-----	251-	59-	55-	10440
A3 (07)	19/09/27	23:27:51	23:40:36	00:00:15	-----	305-	49-	101-	14019
D8 (36)	19/09/27	23:28:14	23:41:01	00:00:25	-----	294-	44-	146-	3503
D3 (31)	19/09/27	23:37:34	23:48:57	00:07:55	-----	285-	24-	166-	3414
B6 (18)	19/09/27	23:45:48	23:58:46	00:09:49	-----	261-	46-	55-	10423
A8 (12)	19/09/27	23:48:37	00:01:32	00:02:46	-----	304-	62-	111-	14019
D2 (30)	19/09/27	23:53:31	00:05:04	00:03:31	-----	286-	25-	164-	3451
A5 (09)	19/09/27	23:55:05	00:08:00	00:02:56	-----	304-	65-	112-	14016
R2 (108)	19/09/27	23:58:55	00:10:44	00:02:43	-----	296-	41-	150-	28973
D4 (32)	19/09/28	00:00:12	00:11:00	00:00:16	-----	282-	20-	172-	3498
S4 (119)	19/09/28	00:01:29	00:12:58	00:01:57	-----	272-	30-	48-	27784
S1 (116)	19/09/28	00:01:36	00:13:02	00:00:04	-----	273-	30-	48-	27785
R3 (115)	19/09/28	00:04:16	00:15:17	00:02:15	-----	290-	28-	160-	27906

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
D7 (35)	19/09/28	00:10:08	00:21:43	00:06:25	-----	286-	26-	164-	3485
A7 (11)	19/09/28	00:26:34	00:39:33	00:12:59	00:04:50	301-	85-	126-	14019
B1 (13)	19/09/28	00:27:11	00:39:52	00:00:19	-----	270-	37-	55-	10329
B7 (19)	19/09/28	00:27:13	00:39:46	00:00:06	-----	274-	35-	56-	10423
A6 (10)	19/09/28	00:32:06	00:45:05	00:05:18	-----	301-	82-	127-	14019
S2 (113)	19/09/28	00:35:02	00:45:58	00:00:52	-----	284-	24-	49-	27873
A2 (06)	19/09/28	00:37:34	00:50:33	00:04:35	-----	300-	75-	130-	14019
B8 (20)	19/09/28	00:37:57	00:50:22	00:00:01	-----	277-	33-	56-	10436
D6 (34)	19/09/28	00:44:17	00:53:43	00:03:21	-----	274-	14-	183-	3508
G2 (04)	19/09/28	00:46:56	00:59:41	00:05:57	-----	23-	83-	208-	12540
B3 (15)	19/09/28	00:47:40	01:00:05	00:00:23	-----	278-	32-	57-	10441
R1 (117)	19/09/28	00:54:14	01:03:23	00:03:18	-----	278-	15-	182-	27902
A1 (05)	19/09/28	00:55:24	01:08:13	00:04:49	-----	297-	59-	137-	14019
B2 (14)	19/09/28	01:00:44	01:13:01	00:04:47	-----	282-	31-	58-	10423
A4 (08)	19/09/28	01:03:36	01:16:12	00:03:10	-----	295-	48-	143-	14017
S3 (112)	19/09/28	01:10:46	01:21:16	00:05:04	-----	295-	21-	52-	27868
A3 (07)	19/09/28	01:13:06	01:25:38	00:04:21	-----	294-	45-	145-	14020
B4 (16)	19/09/28	01:14:02	01:26:11	00:00:33	-----	286-	29-	58-	10441
D8 (36)	19/09/28	01:17:05	01:21:35	00:04:03	-----	254-	7-	210-	3504
B6 (18)	19/09/28	01:32:47	01:44:50	00:12:03	00:11:12	292-	28-	63-	10424
A8 (12)	19/09/28	01:34:04	01:45:57	00:01:06	-----	289-	31-	156-	14020
A5 (09)	19/09/28	01:40:34	01:52:17	00:06:20	-----	289-	29-	159-	14017
S4 (119)	19/09/28	01:47:00	01:57:21	00:05:04	-----	303-	20-	58-	27785
S1 (116)	19/09/28	01:47:07	01:57:28	00:00:06	-----	304-	20-	59-	27786
C3 (23)	19/09/28	02:05:53	02:12:17	00:06:23	00:08:25	159-	8-	102-	9747
T2 (110)	19/09/28	02:07:34	02:11:48	00:00:02	-----	143-	7-	102-	27750
A7 (11)	19/09/28	02:12:39	02:22:41	00:10:02	00:00:50	279-	17-	177-	14020
B7 (19)	19/09/28	02:14:09	02:26:14	00:03:33	-----	299-	28-	71-	10424
B1 (13)	19/09/28	02:14:11	02:26:14	00:00:00	-----	298-	28-	69-	10330
A6 (10)	19/09/28	02:18:15	02:28:06	00:01:51	-----	278-	17-	178-	14020
S2 (113)	19/09/28	02:20:19	02:30:50	00:02:44	-----	309-	21-	67-	27874
C1 (21)	19/09/28	02:21:34	02:30:41	00:00:08	-----	175-	14-	87-	9731
A2 (06)	19/09/28	02:23:55	02:33:15	00:02:33	-----	274-	15-	183-	14020
B8 (20)	19/09/28	02:24:49	02:36:56	00:03:41	-----	301-	29-	74-	10437
G2 (04)	19/09/28	02:26:58	02:35:02	00:01:05	-----	351-	12-	274-	12541
B3 (15)	19/09/28	02:34:31	02:46:40	00:11:38	-----	301-	29-	74-	10442
T4 (114)	19/09/28	02:39:55	02:48:54	00:02:14	-----	177-	15-	83-	27753
A1 (05)	19/09/28	02:42:24	02:50:00	00:01:05	-----	265-	10-	195-	14020
B2 (14)	19/09/28	02:47:29	02:59:44	00:09:43	-----	303-	30-	78-	10424
A4 (08)	19/09/28	02:51:24	02:57:01	00:02:04	-----	259-	8-	205-	14018
S3 (112)	19/09/28	02:55:38	03:06:34	00:09:33	-----	312-	24-	77-	27869
B4 (16)	19/09/28	03:00:38	03:13:01	00:06:26	-----	304-	32-	81-	10442
A3 (07)	19/09/28	03:01:20	03:05:59	00:07:02	-----	254-	7-	210-	14021
C7 (27)	19/09/28	03:10:06	03:22:01	00:11:55	00:04:07	200-	29-	70-	9776
T1 (118)	19/09/28	03:12:56	03:24:00	00:01:58	-----	196-	28-	69-	27667
B6 (18)	19/09/28	03:19:08	03:31:49	00:07:49	-----	305-	37-	90-	10425
S4 (119)	19/09/28	03:31:24	03:42:53	00:11:04	-----	312-	31-	89-	27786
S1 (116)	19/09/28	03:31:29	03:43:00	00:00:07	-----	312-	31-	90-	27787
T2 (110)	19/09/28	03:46:34	03:58:37	00:12:02	00:03:34	216-	50-	61-	27751
C3 (23)	19/09/28	03:47:24	04:00:19	00:01:42	-----	218-	51-	64-	9748

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
B7 (19)	19/09/28	04:00:07	04:13:12	00:12:52	-----	305-	52-	104-	10425
B1 (13)	19/09/28	04:00:16	04:13:15	00:00:02	-----	305-	46-	100-	10331
S2 (113)	19/09/28	04:04:19	04:16:19	00:03:04	-----	311-	43-	103-	27875
C1 (21)	19/09/28	04:04:28	04:17:38	00:01:19	-----	228-	70-	61-	9732
B8 (20)	19/09/28	04:10:43	04:23:51	00:06:12	-----	305-	57-	108-	10438
B3 (15)	19/09/28	04:20:24	04:33:34	00:09:43	-----	305-	58-	108-	10443
T4 (114)	19/09/28	04:21:26	04:33:48	00:00:14	-----	231-	85-	56-	27754
B2 (14)	19/09/28	04:33:16	04:46:31	00:12:42	-----	304-	68-	114-	10425
S3 (112)	19/09/28	04:39:22	04:51:43	00:05:11	-----	308-	67-	118-	27870
B4 (16)	19/09/28	04:46:19	04:59:36	00:07:53	-----	303-	81-	119-	10443
C7 (27)	19/09/28	04:54:48	05:08:00	00:08:23	-----	247-	67-	56-	9777
T1 (118)	19/09/28	04:55:51	05:08:07	00:00:06	-----	247-	58-	51-	27668
B6 (18)	19/09/28	05:04:47	05:18:02	00:09:55	-----	300-	75-	130-	10426
S4 (119)	19/09/28	05:15:06	05:27:26	00:09:24	-----	303-	76-	132-	27787
S1 (116)	19/09/28	05:15:10	05:27:30	00:00:03	-----	303-	73-	134-	27788
T2 (110)	19/09/28	05:30:31	05:42:23	00:11:52	00:03:01	261-	39-	49-	27752
C3 (23)	19/09/28	05:33:05	05:46:01	00:03:37	-----	261-	46-	55-	9749
B7 (19)	19/09/28	05:45:53	05:58:35	00:12:33	-----	294-	42-	147-	10426
B1 (13)	19/09/28	05:45:58	05:58:54	00:00:19	-----	296-	50-	142-	10332
S2 (113)	19/09/28	05:48:09	06:00:01	00:01:06	-----	296-	42-	149-	27876
C1 (21)	19/09/28	05:50:35	06:03:17	00:03:15	-----	269-	39-	55-	9733
B8 (20)	19/09/28	05:56:33	06:08:59	00:05:41	-----	292-	37-	151-	10439
T4 (114)	19/09/28	06:06:08	06:17:29	00:08:30	-----	274-	29-	48-	27755
B3 (15)	19/09/28	06:06:14	06:18:40	00:01:10	-----	291-	36-	152-	10444
B2 (14)	19/09/28	06:19:16	06:31:12	00:11:56	00:00:35	288-	29-	159-	10426
S3 (112)	19/09/28	06:23:39	06:34:19	00:03:06	-----	287-	24-	167-	27871
B4 (16)	19/09/28	06:32:31	06:43:45	00:09:26	-----	284-	23-	168-	10444
T1 (118)	19/09/28	06:41:07	06:51:54	00:08:08	-----	287-	23-	50-	27669
C7 (27)	19/09/28	06:41:36	06:53:47	00:01:53	-----	283-	30-	58-	9778
B6 (18)	19/09/28	06:51:36	07:01:09	00:07:22	-----	275-	15-	182-	10427
S4 (119)	19/09/28	07:00:15	07:08:32	00:07:22	-----	273-	13-	189-	27788
S1 (116)	19/09/28	07:00:27	07:08:26	00:00:06	-----	271-	12-	192-	27789
T2 (110)	19/09/28	07:16:03	07:26:28	00:10:25	00:07:36	297-	20-	53-	27753
C3 (23)	19/09/28	07:20:06	07:32:06	00:05:37	-----	292-	27-	63-	9750
B1 (13)	19/09/28	07:34:03	07:40:22	00:06:19	00:01:56	259-	8-	204-	10333
B7 (19)	19/09/28	07:35:05	07:38:45	00:01:03	-----	250-	6-	215-	10427
K6 (106)	19/09/28	07:37:05	07:48:38	00:09:53	-----	212-	45-	62-	27723
C1 (21)	19/09/28	07:37:35	07:49:34	00:00:56	-----	297-	27-	67-	9734
T4 (114)	19/09/28	07:51:38	08:01:58	00:10:19	00:02:04	305-	20-	60-	27756
K3 (103)	19/09/28	08:06:22	08:11:21	00:04:58	00:04:24	154-	7-	101-	26782
T3 (105)	19/09/28	08:07:16	08:13:39	00:02:17	-----	158-	9-	99-	26828
T1 (118)	19/09/28	08:26:19	08:36:54	00:10:34	00:12:39	310-	21-	69-	27670
C7 (27)	19/09/28	08:28:18	08:40:33	00:03:39	-----	303-	31-	79-	9779
K9 (109)	19/09/28	08:37:53	08:47:23	00:06:49	-----	181-	17-	79-	26782
T2 (110)	19/09/28	09:00:48	09:11:51	00:11:03	00:13:24	312-	25-	80-	27754
K4 (104)	19/09/28	09:04:14	09:11:40	00:00:01	-----	166-	11-	92-	26943
C3 (23)	19/09/28	09:06:27	09:19:06	00:07:25	-----	305-	37-	91-	9751
K7 (107)	19/09/28	09:10:45	09:21:55	00:02:49	-----	198-	29-	68-	26782
K6 (106)	19/09/28	09:20:12	09:31:42	00:09:47	-----	260-	40-	48-	27724