

Orbcomm View Satellite Pass Times
 All Passes of All Satellites in Chronological Order
 Observer: Sapporo, 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	09:06:55	09:19:18	00:12:22	11:52:55	262-	66-	71-	27554
B2 (14)	19/09/20	09:15:24	09:23:09	00:03:51	-----	263-	11-	193-	10313
G2 (04)	19/09/20	09:18:16	09:30:40	00:07:30	-----	136-	55-	340-	12431
S4 (119)	19/09/20	09:26:10	09:31:05	00:00:24	-----	253-	7-	211-	27673
S1 (116)	19/09/20	09:26:31	09:30:51	00:00:01	-----	250-	7-	215-	27674
B4 (16)	19/09/20	09:31:10	09:36:36	00:05:25	00:00:18	255-	7-	205-	10331
C7 (27)	19/09/20	09:36:51	09:50:07	00:13:16	00:00:15	267-	74-	81-	9665
T2 (110)	19/09/20	09:41:27	09:53:44	00:03:37	-----	271-	57-	75-	27638
K6 (106)	19/09/20	09:42:06	09:49:35	00:04:09	-----	172-	11-	91-	27607
C3 (23)	19/09/20	10:14:09	10:27:25	00:13:16	00:24:34	275-	72-	87-	9637
T4 (114)	19/09/20	10:16:43	10:28:57	00:01:31	-----	279-	54-	81-	27641
C1 (21)	19/09/20	10:32:32	10:45:48	00:13:16	00:03:35	279-	73-	92-	9621
T1 (118)	19/09/20	10:51:10	11:03:27	00:12:16	00:05:22	285-	56-	88-	27555
G2 (04)	19/09/20	10:57:45	11:08:36	00:05:08	-----	194-	23-	313-	12432
K9 (109)	19/09/20	11:08:54	11:12:34	00:03:39	00:00:18	145-	6-	107-	26667
K6 (106)	19/09/20	11:22:16	11:33:51	00:11:34	00:09:42	225-	50-	70-	27608
C7 (27)	19/09/20	11:22:41	11:35:59	00:02:07	-----	284-	86-	104-	9666
T2 (110)	19/09/20	11:25:37	11:37:59	00:02:00	-----	289-	65-	98-	27639
K7 (107)	19/09/20	11:40:10	11:48:18	00:08:07	00:02:11	174-	12-	89-	26667
C3 (23)	19/09/20	11:59:56	12:13:11	00:13:14	00:11:37	286-	77-	115-	9638
T4 (114)	19/09/20	12:00:46	12:13:09	00:00:01	-----	291-	80-	108-	27642
K3 (103)	19/09/20	12:14:35	12:24:53	00:10:18	00:01:26	194-	21-	79-	26668
C1 (21)	19/09/20	12:18:15	12:31:24	00:06:30	-----	286-	64-	123-	9622
T3 (105)	19/09/20	12:26:32	12:38:00	00:06:36	-----	203-	28-	75-	26715
T1 (118)	19/09/20	12:35:06	12:47:28	00:09:27	-----	291-	76-	121-	27556
K9 (109)	19/09/20	12:47:38	12:59:10	00:11:32	00:00:10	212-	35-	73-	26668
K4 (104)	19/09/20	13:02:14	13:12:42	00:10:27	00:03:03	196-	23-	78-	26829
K6 (106)	19/09/20	13:05:11	13:17:00	00:04:17	-----	262-	64-	71-	27609
C7 (27)	19/09/20	13:08:25	13:21:01	00:04:01	-----	284-	40-	140-	9667
T2 (110)	19/09/20	13:09:30	13:21:37	00:00:35	-----	290-	52-	134-	27640
K7 (107)	19/09/20	13:21:08	13:33:13	00:11:36	-----	226-	52-	70-	26668
T4 (114)	19/09/20	13:44:43	13:56:13	00:11:29	00:11:30	286-	34-	148-	27643
C3 (23)	19/09/20	13:45:50	13:57:33	00:01:20	-----	280-	27-	155-	9639
K3 (103)	19/09/20	13:56:47	14:09:08	00:11:34	-----	239-	76-	69-	26669
C1 (21)	19/09/20	14:04:23	14:15:11	00:06:03	-----	276-	20-	166-	9623
T3 (105)	19/09/20	14:10:03	14:22:55	00:07:44	-----	246-	89-	69-	26716
T1 (118)	19/09/20	14:19:21	14:29:40	00:06:44	-----	280-	21-	165-	27557
K9 (109)	19/09/20	14:30:44	14:43:07	00:12:23	00:01:04	253-	79-	69-	26669
K4 (104)	19/09/20	14:44:40	14:57:00	00:12:19	00:01:32	241-	80-	69-	26830
K6 (106)	19/09/20	14:48:42	15:00:25	00:03:25	-----	286-	54-	88-	27610
T2 (110)	19/09/20	14:54:25	15:02:33	00:02:08	-----	269-	12-	186-	27641
C7 (27)	19/09/20	14:55:41	15:02:57	00:00:23	-----	261-	10-	196-	9668
K7 (107)	19/09/20	15:04:46	15:17:06	00:12:19	00:01:48	263-	65-	71-	26669
K3 (103)	19/09/20	15:40:48	15:53:03	00:12:15	00:23:42	272-	56-	75-	26670
T3 (105)	19/09/20	15:55:03	16:07:46	00:12:43	00:01:59	276-	56-	79-	26717
K9 (109)	19/09/20	16:14:57	16:27:11	00:12:13	00:07:10	280-	54-	82-	26670
K4 (104)	19/09/20	16:28:48	16:41:04	00:12:15	00:01:37	273-	56-	76-	26831
K6 (106)	19/09/20	16:31:54	16:43:43	00:02:39	-----	291-	76-	120-	27611

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
K7 (107)	19/09/20	16:49:00	17:01:16	00:12:15	00:05:16	285-	57-	89-	26670
D8 (36)	19/09/20	17:02:51	17:10:01	00:07:09	00:01:35	165-	10-	98-	3399
D3 (31)	19/09/20	17:09:53	17:20:16	00:10:14	-----	188-	18-	86-	3310
R3 (115)	19/09/20	17:23:46	17:32:10	00:08:24	00:03:30	174-	13-	88-	27800
K3 (103)	19/09/20	17:24:57	17:37:18	00:05:07	-----	289-	66-	99-	26671
D2 (30)	19/09/20	17:26:04	17:36:16	00:01:01	-----	186-	17-	87-	3347
D4 (32)	19/09/20	17:26:17	17:36:57	00:00:41	-----	191-	20-	85-	3394
T3 (105)	19/09/20	17:40:01	17:52:52	00:12:51	00:03:03	290-	75-	105-	26718
D7 (35)	19/09/20	17:42:59	17:53:08	00:00:15	-----	186-	17-	87-	3381
R1 (117)	19/09/20	17:44:35	17:53:45	00:00:37	-----	181-	15-	84-	27796
K9 (109)	19/09/20	17:58:58	18:11:22	00:12:23	00:05:13	291-	84-	110-	26671
K4 (104)	19/09/20	18:13:01	18:25:26	00:12:24	00:01:39	290-	68-	100-	26832
D6 (34)	19/09/20	18:14:41	18:26:23	00:00:57	-----	203-	27-	78-	3404
K6 (106)	19/09/20	18:15:26	18:25:14	00:01:09	-----	279-	20-	166-	27612
R2 (108)	19/09/20	18:31:51	18:43:05	00:11:14	00:06:37	206-	30-	74-	28868
K7 (107)	19/09/20	18:32:55	18:45:15	00:02:09	-----	291-	74-	122-	26671
D8 (36)	19/09/20	18:44:43	18:57:20	00:12:04	-----	219-	40-	76-	3400
A7 (11)	19/09/20	18:48:31	18:55:01	00:02:01	-----	163-	9-	101-	13915
D3 (31)	19/09/20	18:53:26	19:06:31	00:11:30	-----	235-	60-	74-	3311
A6 (10)	19/09/20	18:54:04	19:00:56	00:05:03	-----	165-	9-	99-	13915
A2 (06)	19/09/20	18:59:06	19:06:50	00:05:54	-----	170-	11-	95-	13915
R3 (115)	19/09/20	19:04:40	19:16:41	00:09:50	-----	228-	55-	70-	27801
K3 (103)	19/09/20	19:08:50	19:20:53	00:04:12	-----	289-	50-	135-	26672
D2 (30)	19/09/20	19:09:31	19:22:34	00:01:40	-----	233-	59-	74-	3348
D4 (32)	19/09/20	19:10:03	19:23:11	00:00:36	-----	237-	63-	74-	3395
A1 (05)	19/09/20	19:15:43	19:24:53	00:01:42	-----	178-	14-	89-	13915
A4 (08)	19/09/20	19:23:38	19:33:38	00:08:44	-----	186-	17-	88-	13913
T3 (105)	19/09/20	19:24:47	19:37:01	00:03:22	-----	288-	41-	143-	26719
R1 (117)	19/09/20	19:26:06	19:38:20	00:01:18	-----	231-	61-	69-	27797
D7 (35)	19/09/20	19:26:23	19:39:26	00:01:06	-----	233-	58-	74-	3382
A3 (07)	19/09/20	19:32:40	19:42:55	00:03:28	-----	188-	18-	86-	13916
K9 (109)	19/09/20	19:42:57	19:54:19	00:11:21	00:00:02	285-	31-	152-	26672
A8 (12)	19/09/20	19:52:44	20:04:00	00:09:41	-----	201-	25-	79-	13916
K4 (104)	19/09/20	19:57:00	20:09:04	00:05:03	-----	289-	47-	137-	26833
D6 (34)	19/09/20	19:59:02	20:12:18	00:03:13	-----	245-	77-	74-	3405
A5 (09)	19/09/20	19:59:10	20:10:34	00:01:04	-----	203-	26-	80-	13913
R2 (108)	19/09/20	20:14:42	20:27:06	00:12:23	00:04:07	249-	86-	69-	28869
K7 (107)	19/09/20	20:17:12	20:27:22	00:00:15	-----	279-	20-	167-	26672
A7 (11)	19/09/20	20:29:44	20:42:00	00:12:16	00:02:22	218-	38-	77-	13916
D8 (36)	19/09/20	20:29:44	20:43:05	00:01:04	-----	256-	86-	76-	3401
A6 (10)	19/09/20	20:35:28	20:47:47	00:04:42	-----	219-	39-	77-	13916
D3 (31)	19/09/20	20:38:57	20:52:14	00:04:26	-----	266-	75-	80-	3312
A2 (06)	19/09/20	20:40:55	20:53:24	00:01:09	-----	222-	43-	75-	13916
R3 (115)	19/09/20	20:48:05	21:00:17	00:06:52	-----	264-	63-	72-	27802
K3 (103)	19/09/20	20:53:50	21:01:43	00:01:25	-----	268-	12-	190-	26673
D2 (30)	19/09/20	20:55:00	21:08:18	00:06:35	-----	265-	75-	80-	3349
D4 (32)	19/09/20	20:55:41	21:08:58	00:00:40	-----	267-	74-	81-	3396
A1 (05)	19/09/20	20:58:16	21:10:58	00:02:00	-----	229-	51-	74-	13916
A4 (08)	19/09/20	21:06:38	21:19:27	00:08:28	-----	234-	58-	74-	13914
R1 (117)	19/09/20	21:09:54	21:22:12	00:02:45	-----	267-	61-	73-	27798

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
T3 (105)	19/09/20	21:11:23	21:17:35	00:04:03	-----	259-	8-	203-	26720
D7 (35)	19/09/20	21:11:52	21:25:09	00:07:34	-----	265-	75-	79-	3383
A3 (07)	19/09/20	21:15:49	21:28:40	00:03:31	-----	235-	61-	74-	13917
A8 (12)	19/09/20	21:36:31	21:49:29	00:12:58	00:07:50	243-	74-	74-	13917
K4 (104)	19/09/20	21:42:15	21:49:45	00:00:16	-----	266-	11-	193-	26834
A5 (09)	19/09/20	21:43:03	21:56:01	00:06:15	-----	245-	77-	74-	13914
D6 (34)	19/09/20	21:44:47	21:58:05	00:02:04	-----	273-	71-	85-	3406
R2 (108)	19/09/20	21:58:52	22:11:07	00:12:14	00:00:47	278-	54-	80-	28870
A7 (11)	19/09/20	22:14:15	22:27:17	00:13:01	00:03:08	255-	87-	76-	13917
D8 (36)	19/09/20	22:15:36	22:28:56	00:01:38	-----	279-	73-	92-	3402
A6 (10)	19/09/20	22:20:01	22:33:03	00:04:07	-----	256-	86-	76-	13917
D3 (31)	19/09/20	22:24:48	22:38:07	00:05:03	-----	284-	84-	102-	3313
A2 (06)	19/09/20	22:25:35	22:38:39	00:00:32	-----	258-	83-	77-	13917
R3 (115)	19/09/20	22:32:02	22:44:11	00:05:31	-----	286-	57-	90-	27803
D2 (30)	19/09/20	22:40:51	22:54:10	00:10:00	-----	283-	83-	102-	3350
D4 (32)	19/09/20	22:41:34	22:54:54	00:00:43	-----	284-	86-	104-	3397
A1 (05)	19/09/20	22:43:09	22:56:13	00:01:18	-----	262-	78-	78-	13917
A4 (08)	19/09/20	22:51:40	23:04:41	00:08:28	-----	266-	75-	80-	13915
R1 (117)	19/09/20	22:54:07	23:06:24	00:01:43	-----	287-	60-	93-	27799
D7 (35)	19/09/20	22:57:43	23:11:01	00:04:37	-----	283-	82-	101-	3384
A3 (07)	19/09/20	23:00:53	23:13:55	00:02:53	-----	267-	74-	80-	13918
G2 (04)	19/09/20	23:09:58	23:21:39	00:07:44	-----	40-	30-	173-	12439
S3 (112)	19/09/20	23:15:04	23:22:13	00:00:33	-----	167-	10-	96-	27765
B7 (19)	19/09/20	23:21:05	23:28:35	00:06:22	-----	168-	10-	98-	10322
B1 (13)	19/09/20	23:21:28	01:02:41	01:34:05	-----	161-	36-	214-	10228
A8 (12)	19/09/20	23:21:46	23:34:46	01:02:05	-----	272-	71-	84-	13918
A5 (09)	19/09/20	23:28:19	23:41:18	00:06:32	-----	273-	71-	85-	13915
D6 (34)	19/09/20	23:30:35	23:43:53	00:02:35	-----	286-	83-	111-	3407
B8 (20)	19/09/20	23:31:02	23:39:29	00:04:02	-----	174-	12-	92-	10335
B3 (15)	19/09/20	23:40:52	23:49:33	00:08:40	00:01:22	176-	12-	91-	10340
R2 (108)	19/09/20	23:42:56	23:55:20	00:05:47	-----	291-	77-	107-	28871
S1 (116)	19/09/20	23:49:04	23:59:00	00:03:39	-----	190-	19-	81-	27683
S4 (119)	19/09/20	23:49:04	23:58:50	00:00:09	-----	188-	18-	81-	27682
B2 (14)	19/09/20	23:53:06	00:02:49	00:03:58	-----	184-	15-	87-	10322
A7 (11)	19/09/20	23:59:38	00:12:38	00:09:49	-----	278-	73-	91-	13918
D8 (36)	19/09/21	00:01:20	00:14:31	00:01:53	-----	286-	64-	123-	3403
A6 (10)	19/09/21	00:05:24	00:18:25	00:03:53	-----	279-	73-	92-	13918
B4 (16)	19/09/21	00:07:05	00:17:48	00:00:03	-----	193-	20-	85-	10340
D3 (31)	19/09/21	00:10:31	00:23:14	00:05:26	-----	285-	43-	138-	3314
A2 (06)	19/09/21	00:10:59	00:24:01	00:00:47	-----	280-	74-	94-	13918
R3 (115)	19/09/21	00:15:40	00:27:51	00:03:49	-----	291-	71-	123-	27804
S2 (113)	19/09/21	00:21:06	00:32:18	00:04:27	-----	204-	29-	74-	27771
B6 (18)	19/09/21	00:23:09	00:34:51	00:02:33	-----	204-	26-	78-	10323
D2 (30)	19/09/21	00:26:34	00:39:21	00:04:29	-----	285-	44-	137-	3351
D4 (32)	19/09/21	00:27:22	00:40:00	00:00:39	-----	285-	40-	141-	3398
A1 (05)	19/09/21	00:28:33	00:41:36	00:01:35	-----	282-	78-	98-	13918
A4 (08)	19/09/21	00:37:03	00:50:04	00:08:27	-----	283-	82-	101-	13916
R1 (117)	19/09/21	00:38:00	00:50:15	00:00:11	-----	291-	64-	127-	27800
D7 (35)	19/09/21	00:43:26	00:56:13	00:05:57	-----	285-	45-	137-	3385
A3 (07)	19/09/21	00:46:16	00:59:18	00:03:05	-----	284-	84-	103-	13919

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
G2 (04)	19/09/21	00:48:11	01:00:31	00:01:12	-----	18-	45-	231-	12440
S3 (112)	19/09/21	00:55:30	01:07:29	00:06:58	-----	222-	46-	71-	27766
B7 (19)	19/09/21	01:03:06	01:15:47	00:08:17	-----	221-	41-	75-	10323
A8 (12)	19/09/21	01:07:05	01:20:06	00:04:19	-----	285-	86-	110-	13919
B8 (20)	19/09/21	01:13:32	01:26:20	00:06:13	-----	224-	46-	74-	10336
A5 (09)	19/09/21	01:13:38	01:26:38	00:00:17	-----	286-	83-	111-	13916
D6 (34)	19/09/21	01:16:25	01:28:30	00:01:52	-----	282-	31-	150-	3408
B3 (15)	19/09/21	01:23:28	01:36:20	00:07:49	-----	225-	47-	74-	10341
R2 (108)	19/09/21	01:26:52	01:38:29	00:02:09	-----	287-	36-	146-	28872
S4 (119)	19/09/21	01:30:56	01:43:15	00:04:45	-----	235-	68-	69-	27683
S1 (116)	19/09/21	01:31:01	01:43:21	00:00:06	-----	236-	70-	69-	27684
B2 (14)	19/09/21	01:36:15	01:49:16	00:05:54	-----	230-	54-	74-	10323
A7 (11)	19/09/21	01:44:54	01:57:46	00:08:30	-----	286-	65-	122-	13919
D8 (36)	19/09/21	01:47:29	01:58:15	00:00:28	-----	277-	20-	167-	3404
A6 (10)	19/09/21	01:50:40	02:03:32	00:05:16	-----	286-	64-	123-	13919
B4 (16)	19/09/21	01:50:47	02:03:57	00:00:25	-----	236-	63-	74-	10341
A2 (06)	19/09/21	01:56:14	02:09:04	00:05:07	-----	286-	59-	125-	13919
D3 (31)	19/09/21	01:57:34	02:05:28	00:03:03	-----	265-	11-	189-	3315
R3 (115)	19/09/21	01:59:44	02:09:34	00:04:06	-----	278-	19-	170-	27805
S2 (113)	19/09/21	02:03:54	02:16:19	00:06:45	-----	248-	87-	69-	27772
B6 (18)	19/09/21	02:07:29	02:20:46	00:04:26	-----	244-	76-	74-	10324
D2 (30)	19/09/21	02:13:30	02:21:47	00:01:00	-----	266-	11-	188-	3352
A1 (05)	19/09/21	02:13:48	02:26:29	00:04:42	-----	286-	50-	131-	13919
D4 (32)	19/09/21	02:14:41	02:22:00	00:04:02	-----	262-	10-	195-	3399
A4 (08)	19/09/21	02:22:18	02:34:46	00:12:27	00:00:19	285-	44-	137-	13917
R1 (117)	19/09/21	02:22:30	02:31:54	00:02:05	-----	275-	17-	175-	27801
G2 (04)	19/09/21	02:28:10	02:35:09	00:03:15	-----	357-	10-	292-	12441
D7 (35)	19/09/21	02:30:20	02:38:41	00:03:31	-----	266-	12-	187-	3386
A3 (07)	19/09/21	02:31:31	02:43:57	00:05:15	-----	285-	42-	139-	13920
S3 (112)	19/09/21	02:39:00	02:51:22	00:07:25	-----	259-	69-	70-	27767
B1 (13)	19/09/21	02:47:33	03:00:53	00:09:30	-----	253-	90-	75-	10230
B7 (19)	19/09/21	02:48:10	03:01:30	00:00:37	-----	256-	85-	76-	10324
A8 (12)	19/09/21	02:52:25	03:04:20	00:02:49	-----	282-	32-	148-	13920
B8 (20)	19/09/21	02:58:45	03:12:03	00:07:42	-----	259-	82-	77-	10337
A5 (09)	19/09/21	02:59:00	03:10:47	00:01:01	-----	282-	30-	151-	13917
D6 (34)	19/09/21	03:05:40	03:08:00	00:02:04	-----	241-	5-	218-	3409
B3 (15)	19/09/21	03:08:42	03:22:02	00:13:19	00:00:43	260-	81-	77-	10342
R2 (108)	19/09/21	03:13:10	03:17:35	00:04:02	-----	250-	7-	214-	28873
S4 (119)	19/09/21	03:14:51	03:27:09	00:09:33	-----	269-	58-	74-	27684
S1 (116)	19/09/21	03:14:58	03:27:16	00:00:06	-----	270-	58-	74-	27685
B2 (14)	19/09/21	03:21:40	03:34:58	00:07:42	-----	263-	77-	79-	10324
A7 (11)	19/09/21	03:30:33	03:41:09	00:06:10	-----	277-	20-	166-	13920
B4 (16)	19/09/21	03:36:20	03:49:39	00:08:29	-----	267-	74-	81-	10342
A6 (10)	19/09/21	03:36:21	03:46:49	00:02:04	-----	276-	20-	168-	13920
A2 (06)	19/09/21	03:42:01	03:52:07	00:05:17	-----	274-	18-	171-	13920
S2 (113)	19/09/21	03:48:04	04:00:20	00:08:12	-----	277-	54-	79-	27773
B6 (18)	19/09/21	03:53:13	04:06:32	00:06:12	-----	273-	72-	85-	10325
A1 (05)	19/09/21	03:59:55	04:08:57	00:02:24	-----	269-	14-	180-	13920
A4 (08)	19/09/21	04:08:48	04:16:39	00:07:42	-----	265-	11-	189-	13918
A3 (07)	19/09/21	04:18:11	04:25:37	00:07:26	00:01:31	263-	10-	192-	13921

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
S3 (112)	19/09/21	04:23:14	04:35:30	00:09:53	-----	284-	55-	87-	27768
B1 (13)	19/09/21	04:33:24	04:46:43	00:11:12	-----	277-	73-	90-	10231
B7 (19)	19/09/21	04:34:02	04:47:21	00:00:37	-----	279-	74-	93-	10325
A8 (12)	19/09/21	04:40:38	04:44:06	00:03:01	-----	247-	6-	214-	13921
B8 (20)	19/09/21	04:44:36	04:57:54	00:13:17	00:00:30	281-	76-	95-	10338
C1 (21)	19/09/21	04:46:06	04:51:03	00:06:05	-----	151-	7-	107-	9632
A5 (09)	19/09/21	04:47:53	04:49:46	00:01:01	-----	242-	5-	220-	13918
B3 (15)	19/09/21	04:54:34	05:07:54	00:13:19	00:04:48	281-	76-	96-	10343
S4 (119)	19/09/21	04:59:03	05:11:23	00:03:29	-----	288-	62-	95-	27685
S1 (116)	19/09/21	04:59:09	05:11:29	00:00:06	-----	288-	63-	96-	27686
B2 (14)	19/09/21	05:07:31	05:20:50	00:09:20	-----	282-	80-	100-	10325
T2 (110)	19/09/21	05:19:50	05:27:42	00:06:52	-----	172-	12-	91-	27650
B4 (16)	19/09/21	05:22:10	05:35:29	00:07:46	-----	284-	86-	104-	10343
S2 (113)	19/09/21	05:32:09	05:44:33	00:09:03	-----	291-	76-	106-	27774
C7 (27)	19/09/21	05:33:05	05:43:02	00:01:03	-----	186-	16-	86-	9677
B6 (18)	19/09/21	05:39:01	05:52:19	00:09:16	-----	286-	83-	111-	10326
T4 (114)	19/09/21	05:53:26	06:03:34	00:10:07	00:01:06	192-	20-	80-	27653
S3 (112)	19/09/21	06:07:11	06:19:34	00:12:22	00:03:37	291-	82-	118-	27769
C3 (23)	19/09/21	06:09:11	06:20:49	00:01:14	-----	204-	26-	78-	9649
B1 (13)	19/09/21	06:19:09	06:32:22	00:11:32	-----	286-	69-	120-	10232
B7 (19)	19/09/21	06:19:46	06:32:54	00:00:31	-----	286-	62-	124-	10326
T1 (118)	19/09/21	06:26:50	06:38:14	00:05:20	-----	208-	32-	73-	27567
C1 (21)	19/09/21	06:26:53	06:39:11	00:00:57	-----	214-	34-	76-	9633
B8 (20)	19/09/21	06:30:19	06:43:22	00:04:10	-----	286-	57-	127-	10339
B3 (15)	19/09/21	06:40:17	06:53:20	00:09:57	-----	286-	55-	128-	10344
S4 (119)	19/09/21	06:42:56	06:55:07	00:01:47	-----	290-	57-	130-	27686
S1 (116)	19/09/21	06:43:02	06:55:12	00:00:04	-----	290-	56-	132-	27687
B2 (14)	19/09/21	06:53:14	07:06:06	00:10:54	-----	285-	48-	133-	10326
T2 (110)	19/09/21	07:00:39	07:12:44	00:06:37	-----	225-	50-	70-	27651
B4 (16)	19/09/21	07:07:53	07:20:30	00:07:46	-----	284-	40-	141-	10344
S2 (113)	19/09/21	07:16:05	07:27:45	00:07:14	-----	287-	37-	145-	27775
C7 (27)	19/09/21	07:16:24	07:29:25	00:01:40	-----	232-	56-	74-	9678
G2 (04)	19/09/21	07:16:43	07:21:10	00:08:01	-----	55-	7-	12-	12444
B6 (18)	19/09/21	07:24:51	07:36:56	00:12:05	00:03:40	282-	31-	150-	10327
T4 (114)	19/09/21	07:35:32	07:47:51	00:10:55	-----	238-	73-	69-	27654
S3 (112)	19/09/21	07:51:21	08:02:01	00:10:39	00:03:29	281-	23-	162-	27770
C3 (23)	19/09/21	07:53:30	08:06:45	00:04:44	-----	244-	76-	74-	9650
B1 (13)	19/09/21	08:05:12	08:16:22	00:09:36	-----	278-	22-	162-	10233
B7 (19)	19/09/21	08:05:58	08:16:32	00:00:09	-----	275-	19-	168-	10327
T1 (118)	19/09/21	08:09:48	08:22:13	00:05:40	-----	251-	82-	69-	27568
C1 (21)	19/09/21	08:11:40	08:24:57	00:02:44	-----	251-	88-	75-	9634
B8 (20)	19/09/21	08:16:40	08:26:43	00:01:45	-----	273-	17-	173-	10340
B3 (15)	19/09/21	08:26:41	08:36:34	00:09:51	-----	272-	16-	175-	10345
S4 (119)	19/09/21	08:27:38	08:36:25	00:00:08	-----	272-	14-	181-	27687
S1 (116)	19/09/21	08:27:49	08:36:22	00:00:03	-----	271-	14-	183-	27688
B2 (14)	19/09/21	08:39:56	08:48:51	00:08:55	00:03:33	268-	13-	184-	10327
T2 (110)	19/09/21	08:44:15	08:56:37	00:07:45	-----	262-	66-	71-	27652
G2 (04)	19/09/21	08:50:12	09:01:46	00:05:09	-----	118-	31-	346-	12445
B4 (16)	19/09/21	08:55:08	09:02:25	00:00:38	-----	262-	10-	194-	10345
C7 (27)	19/09/21	09:01:51	09:15:07	00:12:42	-----	264-	76-	79-	9679

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
S2 (113)	19/09/21	09:02:13	09:07:02	00:08:05	-----	253-	7-	211-	27776
B6 (18)	19/09/21	09:14:00	09:16:31	00:02:30	00:06:57	242-	6-	217-	10328
T4 (114)	19/09/21	09:19:30	09:31:46	00:12:15	00:03:00	271-	57-	75-	27655
C3 (23)	19/09/21	09:39:15	09:52:31	00:13:16	00:07:28	272-	72-	85-	9651
T1 (118)	19/09/21	09:54:00	10:06:15	00:12:15	00:01:28	279-	54-	81-	27569
C1 (21)	19/09/21	09:57:30	10:10:46	00:04:31	-----	277-	72-	89-	9635
K6 (106)	19/09/21	10:16:28	10:27:09	00:10:40	00:05:42	204-	28-	75-	27622
G2 (04)	19/09/21	10:28:10	10:40:24	00:12:13	00:01:01	174-	43-	324-	12446
T2 (110)	19/09/21	10:28:29	10:40:46	00:00:22	-----	285-	56-	88-	27653
C7 (27)	19/09/21	10:47:42	11:01:00	00:13:17	00:06:55	283-	81-	101-	9680
T4 (114)	19/09/21	11:03:41	11:16:00	00:12:19	00:02:41	289-	64-	97-	27656
K3 (103)	19/09/21	11:19:00	11:27:08	00:08:08	00:02:59	174-	12-	90-	26682
C3 (23)	19/09/21	11:25:03	11:38:20	00:11:11	-----	285-	84-	111-	9652
T1 (118)	19/09/21	11:38:02	11:50:27	00:12:07	-----	291-	81-	109-	27570
T3 (105)	19/09/21	11:41:40	11:52:10	00:01:42	-----	192-	20-	79-	26729
C1 (21)	19/09/21	11:43:15	11:56:27	00:04:17	-----	286-	72-	118-	9636
K9 (109)	19/09/21	11:51:27	12:01:51	00:05:24	-----	193-	22-	78-	26682
K6 (106)	19/09/21	11:58:34	12:10:27	00:08:35	-----	248-	87-	68-	27623
K4 (104)	19/09/21	12:07:53	12:16:27	00:06:00	-----	178-	14-	87-	26843
T2 (110)	19/09/21	12:12:25	12:24:47	00:08:20	-----	291-	76-	120-	27654
K7 (107)	19/09/21	12:24:36	12:36:03	00:11:16	-----	209-	34-	73-	26682
C7 (27)	19/09/21	12:33:25	12:46:13	00:10:09	-----	285-	46-	135-	9681
T4 (114)	19/09/21	12:47:34	12:59:39	00:12:05	00:01:20	290-	53-	133-	27657
K3 (103)	19/09/21	12:59:57	13:12:02	00:12:04	00:00:17	226-	52-	70-	26683
C3 (23)	19/09/21	13:10:53	13:22:58	00:10:56	-----	282-	31-	149-	9653
T1 (118)	19/09/21	13:22:00	13:33:29	00:10:31	-----	286-	34-	149-	27571
T3 (105)	19/09/21	13:24:32	13:37:20	00:03:50	-----	237-	72-	69-	26730
C1 (21)	19/09/21	13:29:14	13:40:35	00:03:15	-----	279-	24-	160-	9637
K9 (109)	19/09/21	13:33:43	13:46:04	00:05:28	-----	240-	78-	69-	26683
K6 (106)	19/09/21	13:42:01	13:53:43	00:07:38	-----	278-	52-	78-	27624
K4 (104)	19/09/21	13:49:12	14:01:19	00:07:36	-----	229-	56-	70-	26844
T2 (110)	19/09/21	13:56:40	14:07:00	00:05:40	-----	280-	21-	165-	27655
K7 (107)	19/09/21	14:07:38	14:20:01	00:12:23	00:00:38	252-	80-	69-	26683
C7 (27)	19/09/21	14:20:14	14:28:47	00:08:32	00:00:12	266-	12-	186-	9682
T4 (114)	19/09/21	14:32:27	14:40:40	00:08:12	00:03:40	269-	13-	187-	27658
K3 (103)	19/09/21	14:43:35	14:55:55	00:12:19	00:02:55	263-	65-	71-	26684
C3 (23)	19/09/21	14:59:56	15:02:46	00:02:50	00:04:01	246-	6-	216-	9654
T3 (105)	19/09/21	15:09:22	15:22:07	00:12:45	00:06:35	270-	59-	75-	26731
K9 (109)	19/09/21	15:17:45	15:30:00	00:07:53	-----	273-	56-	76-	26684
K6 (106)	19/09/21	15:25:22	15:37:13	00:07:12	-----	291-	74-	105-	27625
K4 (104)	19/09/21	15:33:00	15:45:19	00:08:05	-----	265-	62-	72-	26845
K7 (107)	19/09/21	15:51:50	16:04:04	00:12:13	00:06:31	280-	54-	81-	26684
K3 (103)	19/09/21	16:27:49	16:40:05	00:12:15	00:23:44	285-	57-	89-	26685
D3 (31)	19/09/21	16:35:28	16:45:05	00:05:00	-----	183-	15-	90-	3324
R1 (117)	19/09/21	16:49:37	16:55:21	00:05:44	00:04:31	159-	8-	104-	27810
D2 (30)	19/09/21	16:51:40	17:01:04	00:05:42	-----	181-	14-	91-	3361
D4 (32)	19/09/21	16:52:35	17:02:36	00:01:32	-----	186-	17-	88-	3408
T3 (105)	19/09/21	16:54:24	17:07:13	00:04:36	-----	289-	65-	97-	26732
K9 (109)	19/09/21	17:01:54	17:14:15	00:07:01	-----	289-	67-	99-	26685
D7 (35)	19/09/21	17:08:33	17:17:53	00:03:38	-----	181-	14-	91-	3395

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
K6 (106)	19/09/21	17:08:34	17:19:45	00:01:51	-----	287-	37-	145-	27626
K4 (104)	19/09/21	17:17:19	17:29:37	00:09:52	-----	286-	58-	91-	26846
R2 (108)	19/09/21	17:35:47	17:45:40	00:09:52	00:06:09	186-	19-	81-	28882
K7 (107)	19/09/21	17:35:52	17:48:16	00:02:36	-----	291-	82-	109-	26685
D6 (34)	19/09/21	17:40:08	17:51:22	00:03:05	-----	199-	23-	80-	3418
R3 (115)	19/09/21	18:04:22	18:15:44	00:11:21	00:13:00	210-	34-	73-	27815
D8 (36)	19/09/21	18:10:02	18:22:22	00:06:38	-----	213-	35-	76-	3414
K3 (103)	19/09/21	18:11:44	18:24:04	00:01:41	-----	291-	74-	122-	26686
D3 (31)	19/09/21	18:18:36	18:31:34	00:07:29	-----	230-	53-	74-	3325
A2 (06)	19/09/21	18:19:21	18:24:35	00:06:05	-----	154-	7-	106-	13929
R1 (117)	19/09/21	18:29:20	18:41:07	00:11:46	00:04:45	217-	40-	72-	27811
D2 (30)	19/09/21	18:34:41	18:47:37	00:06:29	-----	229-	52-	75-	3362
A1 (05)	19/09/21	18:35:33	18:43:03	00:04:03	-----	169-	10-	97-	13929
D4 (32)	19/09/21	18:36:00	18:49:01	00:05:58	-----	232-	57-	74-	3409
T3 (105)	19/09/21	18:39:09	18:51:44	00:02:42	-----	290-	54-	133-	26733
A4 (08)	19/09/21	18:43:13	18:51:57	00:00:13	-----	178-	13-	94-	13927
K9 (109)	19/09/21	18:45:47	18:57:48	00:05:51	-----	289-	48-	136-	26686
D7 (35)	19/09/21	18:51:31	19:04:27	00:06:38	-----	228-	51-	75-	3396
A3 (07)	19/09/21	18:52:13	19:01:19	00:03:08	-----	180-	14-	92-	13930
K6 (106)	19/09/21	18:54:00	18:58:23	00:02:05	-----	251-	7-	212-	27627
K4 (104)	19/09/21	19:01:18	19:13:41	00:12:22	00:02:54	291-	69-	124-	26847
A8 (12)	19/09/21	19:12:03	19:22:33	00:08:52	-----	193-	20-	83-	13930
R2 (108)	19/09/21	19:17:43	19:30:02	00:07:28	-----	236-	70-	69-	28883
A5 (09)	19/09/21	19:18:27	19:29:08	00:00:05	-----	193-	21-	84-	13927
K7 (107)	19/09/21	19:19:51	19:31:17	00:02:08	-----	286-	32-	150-	26686
D6 (34)	19/09/21	19:24:11	19:37:24	00:06:06	-----	241-	70-	74-	3419
R3 (115)	19/09/21	19:47:09	19:59:25	00:12:15	00:09:45	252-	80-	69-	27816
A7 (11)	19/09/21	19:48:52	20:00:42	00:01:17	-----	209-	31-	78-	13930
A6 (10)	19/09/21	19:54:33	20:06:28	00:05:45	-----	210-	32-	77-	13930
D8 (36)	19/09/21	19:54:50	20:08:10	00:01:41	-----	252-	89-	75-	3415
K3 (103)	19/09/21	19:56:01	20:06:10	00:01:05	-----	279-	20-	167-	26687
A2 (06)	19/09/21	19:59:57	20:12:05	00:05:54	-----	215-	35-	76-	13930
D3 (31)	19/09/21	20:04:00	20:17:17	00:05:12	-----	263-	77-	78-	3326
R1 (117)	19/09/21	20:12:38	20:25:01	00:07:44	-----	256-	73-	70-	27812
A1 (05)	19/09/21	20:17:15	20:29:43	00:04:41	-----	222-	42-	75-	13930
D2 (30)	19/09/21	20:20:02	20:33:20	00:03:37	-----	262-	78-	78-	3363
D4 (32)	19/09/21	20:21:30	20:34:48	00:01:28	-----	265-	76-	79-	3410
T3 (105)	19/09/21	20:24:51	20:33:35	00:01:01	-----	271-	13-	184-	26734
A4 (08)	19/09/21	20:25:32	20:38:10	00:04:34	-----	227-	48-	75-	13928
K9 (109)	19/09/21	20:30:53	20:38:29	00:00:19	-----	266-	11-	192-	26687
A3 (07)	19/09/21	20:34:44	20:47:25	00:08:55	-----	228-	51-	75-	13931
D7 (35)	19/09/21	20:36:52	20:50:09	00:02:44	-----	262-	78-	78-	3397
K4 (104)	19/09/21	20:45:46	20:55:43	00:05:33	-----	277-	19-	171-	26848
A8 (12)	19/09/21	20:55:21	21:08:14	00:12:31	-----	237-	64-	74-	13931
R2 (108)	19/09/21	21:01:39	21:13:56	00:05:41	-----	270-	58-	74-	28884
A5 (09)	19/09/21	21:01:52	21:14:45	00:00:49	-----	239-	66-	74-	13928
D6 (34)	19/09/21	21:09:51	21:23:09	00:08:23	-----	270-	72-	83-	3420
R3 (115)	19/09/21	21:31:04	21:43:10	00:12:06	00:07:55	280-	54-	81-	27817
A7 (11)	19/09/21	21:33:03	21:46:03	00:02:53	-----	249-	84-	75-	13931
A6 (10)	19/09/21	21:38:47	21:51:48	00:05:44	-----	250-	86-	75-	13931

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
D8 (36)	19/09/21	21:40:40	21:54:00	00:02:11	-----	277-	72-	89-	3416
A2 (06)	19/09/21	21:44:19	21:57:23	00:03:23	-----	252-	89-	75-	13931
D3 (31)	19/09/21	21:49:51	22:03:09	00:05:46	-----	282-	80-	99-	3327
R1 (117)	19/09/21	21:56:52	22:09:06	00:05:56	-----	282-	55-	84-	27813
A1 (05)	19/09/21	22:01:54	22:14:58	00:05:51	-----	257-	84-	76-	13931
D2 (30)	19/09/21	22:05:54	22:19:12	00:04:14	-----	282-	79-	98-	3364
D4 (32)	19/09/21	22:07:25	22:20:44	00:01:31	-----	283-	82-	101-	3411
A4 (08)	19/09/21	22:10:22	22:23:24	00:02:39	-----	261-	79-	77-	13929
A3 (07)	19/09/21	22:19:37	22:32:39	00:09:15	-----	262-	78-	78-	13932
D7 (35)	19/09/21	22:22:44	22:36:01	00:03:22	-----	282-	78-	98-	3398
A8 (12)	19/09/21	22:40:28	22:53:29	00:13:00	00:04:26	268-	73-	81-	13932
G2 (04)	19/09/21	22:42:05	22:51:36	00:01:05	-----	51-	15-	150-	12453
R2 (108)	19/09/21	22:45:50	22:58:10	00:06:33	-----	288-	63-	96-	28885
A5 (09)	19/09/21	22:47:01	23:00:01	00:01:50	-----	269-	72-	82-	13929
B7 (19)	19/09/21	22:47:08	22:52:55	00:07:06	-----	159-	8-	107-	10336
S1 (116)	19/09/21	22:53:43	23:01:05	00:07:21	00:00:48	168-	11-	95-	27697
S4 (119)	19/09/21	22:53:49	23:00:52	00:00:01	-----	166-	10-	97-	27696
D6 (34)	19/09/21	22:55:40	23:09:00	00:08:08	-----	285-	89-	108-	3421
B8 (20)	19/09/21	22:56:51	23:03:59	00:05:01	-----	166-	9-	100-	10349
B3 (15)	19/09/21	23:06:36	23:14:00	00:07:22	00:02:37	167-	10-	98-	10354
R3 (115)	19/09/21	23:14:49	23:27:05	00:12:15	00:00:49	291-	82-	110-	27818
A7 (11)	19/09/21	23:18:23	23:31:22	00:04:17	-----	275-	71-	87-	13932
B2 (14)	19/09/21	23:18:40	23:27:26	00:03:05	-----	176-	13-	91-	10336
A6 (10)	19/09/21	23:24:07	23:37:07	00:09:40	-----	276-	71-	88-	13932
S2 (113)	19/09/21	23:25:03	23:34:51	00:02:01	-----	188-	18-	81-	27785
D8 (36)	19/09/21	23:26:25	23:39:40	00:04:49	-----	286-	71-	119-	3417
A2 (06)	19/09/21	23:29:41	23:42:43	00:03:02	-----	277-	72-	90-	13932
B4 (16)	19/09/21	23:32:18	23:42:18	00:00:02	-----	186-	16-	88-	10354
D3 (31)	19/09/21	23:35:34	23:48:27	00:06:09	-----	286-	49-	134-	3328
R1 (117)	19/09/21	23:40:50	23:53:14	00:04:46	-----	291-	89-	114-	27814
A1 (05)	19/09/21	23:47:18	00:00:20	00:07:06	-----	280-	74-	94-	13932
B6 (18)	19/09/21	23:48:27	23:59:41	00:00:03	-----	198-	23-	80-	10337
D2 (30)	19/09/21	23:51:36	00:04:33	00:04:51	-----	286-	50-	132-	3365
D4 (32)	19/09/21	23:53:11	00:06:00	00:01:27	-----	285-	46-	136-	3412
A4 (08)	19/09/21	23:55:45	00:08:46	00:02:45	-----	281-	77-	96-	13930
S3 (112)	19/09/21	23:59:05	00:10:17	00:01:30	-----	204-	29-	74-	27780
A3 (07)	19/09/22	00:05:00	00:18:03	00:07:45	-----	282-	78-	98-	13933
D7 (35)	19/09/22	00:08:26	00:21:22	00:03:19	-----	286-	51-	132-	3399
G2 (04)	19/09/22	00:19:23	00:32:12	00:10:49	-----	25-	80-	212-	12454
A8 (12)	19/09/22	00:25:50	00:38:52	00:06:40	-----	284-	86-	104-	13933
B1 (13)	19/09/22	00:28:00	00:40:08	00:01:15	-----	210-	31-	76-	10243
B7 (19)	19/09/22	00:28:17	00:40:43	00:00:34	-----	216-	36-	76-	10337
R2 (108)	19/09/22	00:29:43	00:41:53	00:01:09	-----	290-	56-	132-	28886
A5 (09)	19/09/22	00:32:22	00:45:23	00:03:30	-----	284-	88-	106-	13930
S4 (119)	19/09/22	00:34:12	00:46:10	00:00:46	-----	221-	45-	71-	27697
S1 (116)	19/09/22	00:34:16	00:46:16	00:00:06	-----	222-	47-	71-	27698
B8 (20)	19/09/22	00:38:42	00:51:17	00:05:01	-----	219-	40-	75-	10350
D6 (34)	19/09/22	00:41:27	00:53:51	00:02:33	-----	283-	35-	145-	3422
B3 (15)	19/09/22	00:48:35	01:01:15	00:07:23	-----	220-	41-	75-	10355
R3 (115)	19/09/22	00:58:31	01:09:46	00:08:31	-----	285-	32-	150-	27819

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
B2 (14)	19/09/22	01:01:20	01:14:11	00:04:25	-----	226-	47-	74-	10337
A7 (11)	19/09/22	01:03:40	01:16:38	00:02:26	-----	286-	76-	116-	13933
S2 (113)	19/09/22	01:06:56	01:19:16	00:02:37	-----	235-	68-	69-	27786
A6 (10)	19/09/22	01:09:24	01:22:22	00:03:06	-----	286-	74-	117-	13933
D8 (36)	19/09/22	01:12:26	01:23:47	00:01:24	-----	279-	23-	161-	3418
A2 (06)	19/09/22	01:14:57	01:27:55	00:04:08	-----	286-	70-	119-	13933
B4 (16)	19/09/22	01:15:36	01:28:39	00:00:44	-----	232-	56-	74-	10355
D3 (31)	19/09/22	01:22:14	01:31:17	00:02:37	-----	269-	13-	182-	3329
R1 (117)	19/09/22	01:24:54	01:35:55	00:04:38	-----	283-	27-	157-	27815
B6 (18)	19/09/22	01:32:29	01:45:43	00:09:47	-----	240-	69-	74-	10338
A1 (05)	19/09/22	01:32:33	01:45:24	00:00:01	-----	286-	61-	125-	13933
D2 (30)	19/09/22	01:38:11	01:47:30	00:02:05	-----	270-	14-	180-	3366
D4 (32)	19/09/22	01:40:05	01:48:35	00:01:05	-----	267-	12-	187-	3413
A4 (08)	19/09/22	01:41:00	01:53:42	00:05:06	-----	286-	53-	130-	13931
S3 (112)	19/09/22	01:41:53	01:54:19	00:00:36	-----	248-	87-	69-	27781
A3 (07)	19/09/22	01:50:15	02:02:56	00:08:37	-----	286-	51-	132-	13934
D7 (35)	19/09/22	01:55:00	02:04:21	00:01:25	-----	271-	14-	179-	3400
G2 (04)	19/09/22	01:58:45	02:08:17	00:03:55	-----	5-	16-	270-	12455
A8 (12)	19/09/22	02:11:06	02:23:25	00:12:19	00:02:49	284-	39-	140-	13934
B1 (13)	19/09/22	02:12:38	02:25:58	00:02:32	-----	249-	84-	75-	10244
B7 (19)	19/09/22	02:13:09	02:26:29	00:00:30	-----	253-	90-	75-	10338
R2 (108)	19/09/22	02:14:29	02:23:05	00:03:02	-----	271-	14-	183-	28887
A5 (09)	19/09/22	02:17:39	02:29:53	00:06:47	-----	284-	37-	143-	13931
S4 (119)	19/09/22	02:17:40	02:30:03	00:00:10	-----	259-	69-	70-	27698
S1 (116)	19/09/22	02:17:47	02:30:09	00:00:06	-----	260-	68-	71-	27699
B8 (20)	19/09/22	02:23:43	02:37:01	00:06:52	-----	256-	86-	76-	10351
D6 (34)	19/09/22	02:29:20	02:34:58	00:02:03	-----	254-	8-	206-	3423
B3 (15)	19/09/22	02:33:38	02:46:58	00:12:00	-----	256-	85-	76-	10356
B2 (14)	19/09/22	02:46:35	02:59:54	00:12:55	-----	260-	81-	77-	10338
A7 (11)	19/09/22	02:49:08	03:00:29	00:00:35	-----	280-	26-	157-	13934
S2 (113)	19/09/22	02:50:51	03:03:10	00:02:40	-----	269-	58-	74-	27787
A6 (10)	19/09/22	02:54:53	03:06:09	00:02:59	-----	279-	25-	159-	13934
A2 (06)	19/09/22	03:00:30	03:11:31	00:05:22	-----	278-	23-	161-	13934
B4 (16)	19/09/22	03:01:02	03:14:21	00:02:49	-----	264-	76-	79-	10356
B6 (18)	19/09/22	03:18:08	03:31:27	00:13:19	00:03:47	270-	73-	83-	10339
A1 (05)	19/09/22	03:18:19	03:28:33	00:02:05	-----	274-	18-	170-	13934
S3 (112)	19/09/22	03:26:03	03:38:19	00:09:45	-----	277-	54-	79-	27782
A4 (08)	19/09/22	03:27:00	03:36:24	00:01:05	-----	271-	15-	178-	13932
A3 (07)	19/09/22	03:36:21	03:45:27	00:09:03	-----	270-	14-	180-	13935
A8 (12)	19/09/22	03:57:58	04:04:49	00:06:51	00:12:30	259-	9-	197-	13935
B1 (13)	19/09/22	03:58:27	04:11:46	00:06:57	-----	275-	72-	88-	10245
B7 (19)	19/09/22	03:59:00	04:12:18	00:00:31	-----	277-	73-	90-	10339
S4 (119)	19/09/22	04:01:55	04:14:11	00:01:53	-----	284-	55-	86-	27699
S1 (116)	19/09/22	04:02:01	04:14:18	00:00:06	-----	284-	56-	87-	27700
A5 (09)	19/09/22	04:04:43	04:11:00	00:03:01	-----	259-	8-	199-	13932
B8 (20)	19/09/22	04:09:34	04:22:51	00:11:52	-----	279-	74-	92-	10352
B3 (15)	19/09/22	04:19:30	04:32:49	00:09:57	-----	279-	74-	93-	10357
B2 (14)	19/09/22	04:32:26	04:45:45	00:12:56	-----	281-	77-	96-	10339
S2 (113)	19/09/22	04:35:03	04:47:23	00:01:37	-----	288-	62-	95-	27788
B4 (16)	19/09/22	04:46:52	05:00:11	00:12:48	-----	283-	81-	100-	10357

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
T4 (114)	19/09/22	04:57:57	05:05:43	00:05:31	-----	171-	11-	92-	27667
C7 (27)	19/09/22	04:58:42	05:07:47	00:02:03	-----	179-	14-	89-	9691
B6 (18)	19/09/22	05:03:57	05:17:17	00:09:29	-----	285-	89-	107-	10340
S3 (112)	19/09/22	05:10:08	05:22:32	00:05:15	-----	291-	76-	106-	27783
T1 (118)	19/09/22	05:30:40	05:40:52	00:10:11	00:08:08	193-	20-	79-	27581
C3 (23)	19/09/22	05:34:40	05:45:50	00:04:57	-----	198-	22-	80-	9663
B1 (13)	19/09/22	05:44:14	05:57:30	00:11:40	-----	286-	76-	116-	10246
B7 (19)	19/09/22	05:44:44	05:57:57	00:00:26	-----	286-	69-	120-	10340
S4 (119)	19/09/22	05:45:52	05:58:15	00:00:18	-----	291-	82-	117-	27700
S1 (116)	19/09/22	05:45:58	05:58:21	00:00:05	-----	291-	80-	118-	27701
C1 (21)	19/09/22	05:52:09	06:04:06	00:05:44	-----	208-	29-	77-	9647
B8 (20)	19/09/22	05:55:18	06:08:26	00:04:20	-----	286-	64-	123-	10353
T2 (110)	19/09/22	06:04:09	06:15:33	00:07:06	-----	208-	32-	73-	27665
B3 (15)	19/09/22	06:05:13	06:18:22	00:02:49	-----	286-	62-	124-	10358
B2 (14)	19/09/22	06:18:09	06:31:10	00:12:48	-----	286-	55-	129-	10340
S2 (113)	19/09/22	06:18:56	06:31:07	00:00:03	-----	290-	57-	131-	27789
B4 (16)	19/09/22	06:32:34	06:45:23	00:12:49	00:01:26	285-	46-	136-	10358
T4 (114)	19/09/22	06:38:44	06:50:46	00:05:22	-----	224-	49-	70-	27668
C7 (27)	19/09/22	06:41:32	06:54:25	00:03:39	-----	227-	49-	74-	9692
B6 (18)	19/09/22	06:49:44	07:02:08	00:07:42	-----	283-	36-	144-	10341
S3 (112)	19/09/22	06:54:04	07:05:44	00:03:36	-----	287-	37-	145-	27784
T1 (118)	19/09/22	07:12:48	07:25:09	00:12:20	00:07:04	238-	74-	69-	27582
C3 (23)	19/09/22	07:18:41	07:31:53	00:06:43	-----	240-	69-	74-	9664
S4 (119)	19/09/22	07:30:01	07:40:42	00:08:49	-----	282-	24-	161-	27701
S1 (116)	19/09/22	07:30:09	07:40:44	00:00:02	-----	281-	23-	163-	27702
B1 (13)	19/09/22	07:30:10	07:41:49	00:01:04	-----	280-	26-	156-	10247
B7 (19)	19/09/22	07:30:46	07:41:57	00:00:08	-----	278-	22-	162-	10341
C1 (21)	19/09/22	07:36:41	07:49:57	00:07:59	-----	248-	81-	74-	9648
B8 (20)	19/09/22	07:41:27	07:52:12	00:02:15	-----	276-	20-	167-	10354
T2 (110)	19/09/22	07:47:07	07:59:32	00:07:19	-----	251-	82-	69-	27666
B3 (15)	19/09/22	07:51:24	08:02:02	00:02:30	-----	275-	19-	168-	10359
S2 (113)	19/09/22	08:03:39	08:12:24	00:08:44	00:01:36	272-	14-	181-	27790
B2 (14)	19/09/22	08:04:34	08:14:22	00:01:58	-----	272-	16-	175-	10341
B4 (16)	19/09/22	08:19:22	08:27:56	00:08:33	00:05:00	268-	12-	185-	10359
T4 (114)	19/09/22	08:22:18	08:34:39	00:06:42	-----	261-	66-	71-	27669
G2 (04)	19/09/22	08:22:36	08:32:43	00:01:05	-----	100-	19-	354-	12459
C7 (27)	19/09/22	08:26:51	08:40:08	00:07:25	-----	261-	79-	78-	9693
B6 (18)	19/09/22	08:37:34	08:43:17	00:03:09	-----	254-	8-	205-	10342
S3 (112)	19/09/22	08:40:14	08:45:00	00:01:42	-----	253-	7-	211-	27785
T1 (118)	19/09/22	08:56:47	09:09:04	00:12:16	00:11:47	271-	57-	75-	27583
C3 (23)	19/09/22	09:04:21	09:17:37	00:08:33	-----	270-	72-	83-	9665
K6 (106)	19/09/22	09:11:21	09:20:03	00:02:25	-----	182-	15-	85-	27636
C1 (21)	19/09/22	09:22:28	09:35:44	00:13:15	00:02:24	274-	71-	87-	9649
T2 (110)	19/09/22	09:31:18	09:43:34	00:07:49	-----	279-	54-	81-	27667
G2 (04)	19/09/22	09:59:12	10:11:53	00:12:40	00:15:38	155-	82-	332-	12460
T4 (114)	19/09/22	10:06:33	10:18:48	00:06:55	-----	285-	56-	88-	27670
C7 (27)	19/09/22	10:12:43	10:26:00	00:07:11	-----	282-	78-	97-	9694
T1 (118)	19/09/22	10:40:57	10:53:18	00:12:21	00:14:57	289-	65-	98-	27584
C3 (23)	19/09/22	10:50:10	11:03:28	00:10:09	-----	285-	90-	107-	9666
K6 (106)	19/09/22	10:52:11	11:03:55	00:00:27	-----	232-	61-	69-	27637

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
K9 (109)	19/09/22	10:55:48	11:04:09	00:00:14	-----	176-	13-	88-	26696
T3 (105)	19/09/22	10:57:04	11:06:08	00:01:58	-----	178-	14-	86-	26743
C1 (21)	19/09/22	11:08:14	11:21:29	00:13:14	00:02:06	286-	79-	114-	9650
K4 (104)	19/09/22	11:14:40	11:19:15	00:02:01	-----	149-	7-	105-	26857
T2 (110)	19/09/22	11:15:21	11:27:46	00:08:31	-----	291-	80-	108-	27668
K7 (107)	19/09/22	11:28:26	11:38:43	00:10:17	00:00:39	194-	21-	79-	26696
G2 (04)	19/09/22	11:40:39	11:48:37	00:07:57	00:01:56	220-	11-	297-	12461
T4 (114)	19/09/22	11:50:29	12:02:49	00:12:20	00:01:51	291-	77-	120-	27671
C7 (27)	19/09/22	11:58:25	12:11:23	00:08:33	-----	286-	52-	130-	9695
K3 (103)	19/09/22	12:03:24	12:14:51	00:03:27	-----	209-	34-	73-	26697
T1 (118)	19/09/22	12:24:50	12:36:56	00:12:06	00:10:00	290-	52-	134-	27585
K6 (106)	19/09/22	12:35:17	12:47:04	00:10:07	-----	267-	59-	72-	27638
C3 (23)	19/09/22	12:35:57	12:48:20	00:01:16	-----	283-	36-	144-	9667
K9 (109)	19/09/22	12:36:53	12:49:00	00:00:39	-----	227-	54-	70-	26697
T3 (105)	19/09/22	12:39:07	12:51:44	00:02:43	-----	228-	56-	69-	26744
K4 (104)	19/09/22	12:53:58	13:05:34	00:11:35	00:02:14	215-	37-	72-	26858
C1 (21)	19/09/22	12:54:07	13:05:56	00:00:21	-----	281-	28-	154-	9651
T2 (110)	19/09/22	12:59:19	13:10:49	00:04:53	-----	286-	34-	148-	27669
K7 (107)	19/09/22	13:10:38	13:22:58	00:12:09	-----	239-	76-	69-	26697
T4 (114)	19/09/22	13:34:43	13:45:04	00:10:20	00:11:44	280-	21-	165-	27672
C7 (27)	19/09/22	13:44:56	13:54:27	00:09:23	-----	271-	15-	179-	9696
K3 (103)	19/09/22	13:46:25	13:58:49	00:04:21	-----	252-	80-	69-	26698
T1 (118)	19/09/22	14:09:46	14:17:53	00:08:06	00:10:57	269-	12-	186-	27586
K6 (106)	19/09/22	14:18:47	14:30:32	00:11:45	00:00:54	288-	57-	92-	27639
K9 (109)	19/09/22	14:20:33	14:32:53	00:02:20	-----	263-	64-	72-	26698
T3 (105)	19/09/22	14:23:41	14:36:29	00:03:35	-----	264-	64-	72-	26745
C3 (23)	19/09/22	14:23:45	14:29:34	00:06:05	-----	254-	8-	205-	9668
K4 (104)	19/09/22	14:37:15	14:49:36	00:12:20	00:07:41	254-	76-	69-	26859
K7 (107)	19/09/22	14:54:39	15:06:54	00:12:15	00:05:02	272-	56-	75-	26698
K3 (103)	19/09/22	15:30:37	15:42:51	00:12:13	00:23:43	280-	54-	81-	26699
D3 (31)	19/09/22	16:01:10	16:09:49	00:08:39	00:18:18	176-	12-	95-	3338
K6 (106)	19/09/22	16:01:57	16:13:42	00:03:52	-----	291-	64-	126-	27640
K9 (109)	19/09/22	16:04:47	16:17:03	00:03:21	-----	286-	57-	90-	26699
T3 (105)	19/09/22	16:08:46	16:21:32	00:04:28	-----	286-	59-	91-	26746
D2 (30)	19/09/22	16:17:24	16:25:46	00:04:13	-----	174-	12-	97-	3375
D4 (32)	19/09/22	16:18:58	16:28:11	00:02:25	-----	180-	14-	92-	3422
K4 (104)	19/09/22	16:21:34	16:33:48	00:05:36	-----	281-	54-	83-	26860
D7 (35)	19/09/22	16:34:15	16:42:33	00:08:17	00:00:27	173-	12-	97-	3409
K7 (107)	19/09/22	16:38:48	16:51:08	00:08:35	-----	289-	66-	98-	26699
R2 (108)	19/09/22	16:40:25	16:47:43	00:03:02	-----	168-	10-	95-	28896
R3 (115)	19/09/22	17:04:30	17:14:33	00:10:02	00:16:47	192-	20-	80-	27829
D6 (34)	19/09/22	17:05:38	17:16:18	00:01:44	-----	192-	19-	82-	3432
K3 (103)	19/09/22	17:14:39	17:27:03	00:10:44	-----	291-	82-	109-	26700
R1 (117)	19/09/22	17:32:56	17:43:45	00:10:49	00:05:53	199-	25-	76-	27825
D8 (36)	19/09/22	17:35:23	17:47:24	00:03:38	-----	207-	30-	78-	3428
D3 (31)	19/09/22	17:43:48	17:56:36	00:09:12	-----	225-	47-	75-	3339
K6 (106)	19/09/22	17:45:44	17:54:42	00:01:05	-----	274-	16-	176-	27641
K9 (109)	19/09/22	17:48:42	18:01:01	00:06:19	-----	291-	72-	123-	26700
T3 (105)	19/09/22	17:53:33	18:06:19	00:05:17	-----	291-	69-	124-	26747
A1 (05)	19/09/22	17:55:56	18:00:46	00:05:03	-----	151-	7-	107-	13943

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
D2 (30)	19/09/22	17:59:53	18:12:38	00:11:52	-----	224-	45-	75-	3376
D4 (32)	19/09/22	18:01:56	18:14:51	00:02:12	-----	228-	50-	75-	3423
A4 (08)	19/09/22	18:03:08	18:10:00	00:04:05	-----	166-	9-	99-	13941
K4 (104)	19/09/22	18:05:38	18:18:05	00:08:06	-----	291-	87-	112-	26861
A3 (07)	19/09/22	18:12:04	18:19:29	00:01:23	-----	169-	10-	97-	13944
D7 (35)	19/09/22	18:16:41	18:29:27	00:09:58	-----	224-	45-	75-	3410
R2 (108)	19/09/22	18:20:57	18:32:55	00:03:28	-----	222-	47-	71-	28897
K7 (107)	19/09/22	18:22:41	18:34:44	00:01:48	-----	289-	50-	135-	26700
A8 (12)	19/09/22	18:31:33	18:41:00	00:06:14	-----	183-	15-	87-	13944
A5 (09)	19/09/22	18:37:54	18:47:35	00:06:35	-----	186-	16-	89-	13941
R3 (115)	19/09/22	18:46:21	18:58:34	00:10:58	-----	238-	74-	69-	27830
D6 (34)	19/09/22	18:49:21	19:02:29	00:03:55	-----	236-	63-	73-	3433
K3 (103)	19/09/22	18:58:37	19:10:03	00:07:34	-----	286-	32-	150-	26701
A7 (11)	19/09/22	19:08:06	19:19:21	00:09:17	-----	200-	25-	80-	13944
A6 (10)	19/09/22	19:13:44	19:25:05	00:05:44	-----	201-	26-	80-	13944
R1 (117)	19/09/22	19:15:28	19:27:51	00:02:45	-----	244-	86-	69-	27826
A2 (06)	19/09/22	19:19:05	19:30:42	00:02:50	-----	204-	28-	78-	13944
D8 (36)	19/09/22	19:19:56	19:33:15	00:02:32	-----	248-	83-	74-	3429
D3 (31)	19/09/22	19:29:02	19:42:19	00:09:04	-----	260-	81-	77-	3340
K9 (109)	19/09/22	19:33:01	19:43:03	00:00:43	-----	278-	19-	169-	26701
A1 (05)	19/09/22	19:36:20	19:48:25	00:05:22	-----	214-	34-	77-	13944
T3 (105)	19/09/22	19:38:47	19:49:06	00:00:40	-----	278-	19-	171-	26748
A4 (08)	19/09/22	19:44:30	19:56:51	00:07:45	-----	219-	39-	77-	13942
D2 (30)	19/09/22	19:45:05	19:58:22	00:01:30	-----	259-	82-	77-	3377
D4 (32)	19/09/22	19:47:20	20:00:37	00:02:15	-----	262-	79-	78-	3424
K4 (104)	19/09/22	19:49:45	20:01:02	00:00:24	-----	284-	29-	154-	26862
A3 (07)	19/09/22	19:53:43	20:06:09	00:05:06	-----	221-	41-	76-	13945
D7 (35)	19/09/22	20:01:52	20:15:10	00:09:01	-----	259-	82-	77-	3411
R2 (108)	19/09/22	20:04:27	20:16:49	00:01:38	-----	260-	68-	71-	28898
K7 (107)	19/09/22	20:07:41	20:15:34	00:01:01	-----	268-	12-	189-	26701
A8 (12)	19/09/22	20:14:15	20:26:59	00:11:24	-----	230-	53-	74-	13945
A5 (09)	19/09/22	20:20:44	20:33:30	00:06:30	-----	232-	55-	74-	13942
R3 (115)	19/09/22	20:30:04	20:42:12	00:08:42	-----	271-	57-	75-	27831
D6 (34)	19/09/22	20:34:55	20:48:13	00:06:01	-----	267-	74-	81-	3434
A7 (11)	19/09/22	20:51:52	21:04:50	00:12:58	00:03:39	243-	74-	74-	13945
A6 (10)	19/09/22	20:57:34	21:10:33	00:05:42	-----	244-	76-	74-	13945
R1 (117)	19/09/22	20:59:34	21:11:49	00:01:16	-----	275-	55-	77-	27827
A2 (06)	19/09/22	21:03:05	21:16:07	00:04:17	-----	247-	80-	74-	13945
D8 (36)	19/09/22	21:05:44	21:19:03	00:02:56	-----	275-	71-	87-	3430
D3 (31)	19/09/22	21:14:54	21:28:11	00:09:08	-----	281-	76-	96-	3341
A1 (05)	19/09/22	21:20:40	21:33:44	00:05:32	-----	252-	88-	75-	13945
A4 (08)	19/09/22	21:29:04	21:42:06	00:08:22	-----	256-	86-	76-	13943
D2 (30)	19/09/22	21:30:56	21:44:14	00:02:07	-----	281-	76-	95-	3378
D4 (32)	19/09/22	21:33:15	21:46:33	00:02:19	-----	282-	78-	98-	3425
A3 (07)	19/09/22	21:38:21	21:51:24	00:04:50	-----	257-	84-	76-	13946
D7 (35)	19/09/22	21:47:44	22:01:01	00:09:36	-----	280-	75-	95-	3412
R2 (108)	19/09/22	21:48:41	22:00:57	00:00:04	-----	284-	56-	87-	28899
A8 (12)	19/09/22	21:59:11	22:12:13	00:11:16	-----	263-	77-	79-	13946
A5 (09)	19/09/22	22:05:43	22:18:44	00:06:30	-----	264-	76-	79-	13943
R3 (115)	19/09/22	22:13:57	22:26:09	00:07:25	-----	289-	64-	98-	27832

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
G2 (04)	19/09/22	22:15:38	22:19:53	00:06:01	-----	77-	6-	121-	12467
D6 (34)	19/09/22	22:20:45	22:34:05	00:13:19	00:00:52	284-	85-	104-	3435
B8 (20)	19/09/22	22:22:58	22:28:12	00:05:05	-----	153-	7-	106-	10363
S2 (113)	19/09/22	22:29:46	22:36:52	00:07:06	00:01:33	167-	10-	96-	27799
B3 (15)	19/09/22	22:32:39	22:38:18	00:01:25	-----	159-	8-	108-	10368
A7 (11)	19/09/22	22:37:07	22:50:07	00:11:48	-----	272-	71-	84-	13946
A6 (10)	19/09/22	22:42:49	22:55:50	00:05:42	-----	272-	71-	84-	13946
R1 (117)	19/09/22	22:43:41	22:56:03	00:00:13	-----	290-	71-	103-	27828
B2 (14)	19/09/22	22:44:24	22:51:54	00:04:08	-----	168-	10-	97-	10350
A2 (06)	19/09/22	22:48:22	23:01:25	00:09:30	-----	274-	71-	86-	13946
D8 (36)	19/09/22	22:51:30	23:04:48	00:03:23	-----	286-	78-	115-	3431
B4 (16)	19/09/22	22:57:38	23:06:44	00:01:55	-----	179-	14-	93-	10368
D3 (31)	19/09/22	23:00:36	23:13:38	00:06:54	-----	286-	55-	129-	3342
S3 (112)	19/09/22	23:03:03	23:12:51	00:00:04	-----	188-	18-	81-	27794
A1 (05)	19/09/22	23:06:02	23:19:04	00:06:12	-----	277-	72-	89-	13946
B6 (18)	19/09/22	23:13:49	23:24:28	00:05:24	-----	192-	19-	83-	10351
A4 (08)	19/09/22	23:14:27	23:27:27	00:02:59	-----	279-	73-	92-	13944
D2 (30)	19/09/22	23:16:38	23:29:43	00:02:15	-----	286-	57-	128-	3379
D4 (32)	19/09/22	23:19:00	23:31:59	00:02:16	-----	286-	52-	132-	3426
A3 (07)	19/09/22	23:23:45	23:36:46	00:04:47	-----	279-	74-	93-	13947
R2 (108)	19/09/22	23:32:38	23:45:00	00:08:13	-----	291-	80-	118-	28900
D7 (35)	19/09/22	23:33:27	23:46:30	00:01:30	-----	286-	58-	127-	3413
S4 (119)	19/09/22	23:37:47	23:48:57	00:02:27	-----	204-	29-	74-	27711
S1 (116)	19/09/22	23:37:49	23:49:04	00:00:06	-----	205-	30-	74-	27712
A8 (12)	19/09/22	23:44:35	23:57:36	00:08:31	-----	282-	79-	99-	13947
G2 (04)	19/09/22	23:50:47	00:03:25	00:05:48	-----	32-	56-	194-	12468
A5 (09)	19/09/22	23:51:06	00:04:07	00:00:42	-----	283-	81-	100-	13944
B1 (13)	19/09/22	23:53:22	00:05:08	00:01:00	-----	205-	27-	78-	10257
B7 (19)	19/09/22	23:53:32	00:05:37	00:00:29	-----	208-	31-	77-	10351
R3 (115)	19/09/22	23:57:33	00:09:30	00:03:52	-----	290-	52-	134-	27833
B8 (20)	19/09/23	00:03:54	00:16:14	00:06:43	-----	214-	35-	76-	10364
D6 (34)	19/09/23	00:06:30	00:19:09	00:02:55	-----	284-	41-	140-	3436
S2 (113)	19/09/23	00:10:11	00:22:09	00:03:00	-----	221-	46-	71-	27800
B3 (15)	19/09/23	00:13:45	00:26:09	00:03:59	-----	215-	36-	76-	10369
A7 (11)	19/09/23	00:22:27	00:35:27	00:09:18	-----	285-	86-	110-	13947
B2 (14)	19/09/23	00:26:26	00:39:06	00:03:38	-----	221-	41-	75-	10351
R1 (117)	19/09/23	00:27:34	00:39:25	00:00:19	-----	288-	42-	141-	27829
A6 (10)	19/09/23	00:28:09	00:41:09	00:01:44	-----	285-	84-	111-	13947
A2 (06)	19/09/23	00:33:41	00:46:43	00:05:33	-----	286-	81-	113-	13947
D8 (36)	19/09/23	00:37:24	00:49:12	00:02:29	-----	281-	27-	155-	3432
B4 (16)	19/09/23	00:40:27	00:53:21	00:04:09	-----	227-	49-	75-	10369
S3 (112)	19/09/23	00:44:56	00:57:15	00:03:53	-----	235-	68-	69-	27795
D3 (31)	19/09/23	00:47:00	00:56:55	00:00:02	-----	273-	16-	175-	3343
A1 (05)	19/09/23	00:51:18	01:04:17	00:07:21	-----	286-	71-	118-	13947
B6 (18)	19/09/23	00:57:30	01:10:39	00:06:22	-----	236-	62-	74-	10352
A4 (08)	19/09/23	00:59:42	01:12:34	00:01:54	-----	286-	64-	123-	13945
D2 (30)	19/09/23	01:02:58	01:13:06	00:00:31	-----	274-	17-	173-	3380
D4 (32)	19/09/23	01:05:36	01:15:03	00:01:57	-----	271-	15-	180-	3427
A3 (07)	19/09/23	01:09:00	01:21:51	00:06:47	-----	286-	61-	125-	13948
R2 (108)	19/09/23	01:16:49	01:27:22	00:05:31	-----	281-	23-	163-	28901

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
D7 (35)	19/09/23	01:19:45	01:29:55	00:02:32	-----	274-	17-	172-	3414
S4 (119)	19/09/23	01:20:34	01:33:00	00:03:04	-----	248-	88-	69-	27712
S1 (116)	19/09/23	01:20:40	01:33:05	00:00:05	-----	249-	86-	69-	27713
G2 (04)	19/09/23	01:29:37	01:40:51	00:07:45	-----	12-	26-	250-	12469
A8 (12)	19/09/23	01:29:49	01:42:26	00:01:34	-----	285-	48-	133-	13948
A5 (09)	19/09/23	01:36:21	01:48:53	00:06:27	-----	285-	46-	135-	13945
B1 (13)	19/09/23	01:37:45	01:51:03	00:02:09	-----	245-	77-	74-	10258
B7 (19)	19/09/23	01:38:08	01:51:27	00:00:24	-----	249-	84-	74-	10352
R3 (115)	19/09/23	01:42:11	01:50:10	00:01:01	-----	269-	12-	186-	27834
B8 (20)	19/09/23	01:48:42	02:02:00	00:11:50	-----	252-	88-	75-	10365
S2 (113)	19/09/23	01:53:39	02:06:03	00:04:02	-----	259-	69-	70-	27801
D6 (34)	19/09/23	01:53:44	02:01:04	00:04:05	-----	261-	10-	194-	3437
B3 (15)	19/09/23	01:58:35	02:11:55	00:10:51	-----	252-	89-	75-	10370
A7 (11)	19/09/23	02:07:47	02:19:42	00:07:47	-----	282-	32-	149-	13948
B2 (14)	19/09/23	02:11:30	02:24:50	00:05:07	-----	256-	85-	76-	10352
R1 (117)	19/09/23	02:13:05	02:19:30	00:05:01	-----	261-	9-	200-	27830
A6 (10)	19/09/23	02:13:30	02:25:21	00:05:50	-----	282-	31-	150-	13948
A2 (06)	19/09/23	02:19:05	02:30:46	00:05:25	-----	281-	28-	153-	13948
B4 (16)	19/09/23	02:25:44	02:39:03	00:08:16	-----	261-	79-	78-	10370
S3 (112)	19/09/23	02:28:51	02:41:10	00:02:06	-----	269-	58-	74-	27796
A1 (05)	19/09/23	02:36:50	02:47:58	00:06:48	-----	278-	23-	160-	13948
B6 (18)	19/09/23	02:43:03	02:56:23	00:08:24	-----	267-	74-	81-	10353
A4 (08)	19/09/23	02:45:23	02:55:52	00:00:03	-----	276-	20-	168-	13946
A3 (07)	19/09/23	02:54:45	03:05:01	00:09:08	-----	275-	18-	170-	13949
S4 (119)	19/09/23	03:04:44	03:17:00	00:11:58	-----	277-	54-	79-	27713
S1 (116)	19/09/23	03:04:50	03:17:06	00:00:06	-----	278-	54-	80-	27714
G2 (04)	19/09/23	03:10:50	03:13:15	00:03:05	-----	339-	5-	317-	12470
A8 (12)	19/09/23	03:16:03	03:24:45	00:08:42	00:02:47	268-	13-	183-	13949
A5 (09)	19/09/23	03:22:41	03:31:01	00:06:16	-----	267-	12-	186-	13946
B1 (13)	19/09/23	03:23:30	03:36:50	00:05:48	-----	273-	72-	85-	10259
B7 (19)	19/09/23	03:23:56	03:37:15	00:00:25	-----	275-	72-	88-	10353
B8 (20)	19/09/23	03:34:32	03:47:49	00:10:34	-----	277-	72-	90-	10366
S2 (113)	19/09/23	03:37:54	03:50:10	00:02:21	-----	284-	55-	86-	27802
B3 (15)	19/09/23	03:44:25	03:57:44	00:07:33	-----	277-	72-	90-	10371
A7 (11)	19/09/23	03:55:55	03:59:37	00:01:52	-----	248-	6-	213-	13949
B2 (14)	19/09/23	03:57:22	04:10:40	00:11:03	-----	279-	74-	93-	10353
A6 (10)	19/09/23	04:02:01	04:04:45	00:05:05	-----	245-	6-	216-	13949
B4 (16)	19/09/23	04:11:34	04:24:53	00:13:19	00:06:49	281-	78-	97-	10371
S3 (112)	19/09/23	04:13:03	04:25:23	00:00:29	-----	288-	62-	95-	27797
C7 (27)	19/09/23	04:24:26	04:32:26	00:07:02	-----	171-	11-	95-	9705
B6 (18)	19/09/23	04:28:54	04:42:14	00:09:47	-----	284-	85-	104-	10354
T1 (118)	19/09/23	04:35:10	04:43:03	00:00:48	-----	172-	12-	91-	27595
S4 (119)	19/09/23	04:48:49	05:01:13	00:12:24	00:05:46	291-	76-	106-	27714
S1 (116)	19/09/23	04:48:55	05:01:19	00:00:05	-----	291-	77-	107-	27715
C3 (23)	19/09/23	05:00:13	05:10:48	00:09:28	-----	192-	19-	83-	9677
T2 (110)	19/09/23	05:08:00	05:18:10	00:07:22	-----	192-	20-	79-	27679
B1 (13)	19/09/23	05:09:18	05:22:37	00:04:27	-----	286-	82-	112-	10260
B7 (19)	19/09/23	05:09:43	05:22:59	00:00:21	-----	286-	76-	116-	10354
C1 (21)	19/09/23	05:17:27	05:29:00	00:06:01	-----	202-	25-	79-	9661
B8 (20)	19/09/23	05:20:17	05:33:29	00:04:29	-----	286-	71-	119-	10367

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
S2 (113)	19/09/23	05:21:51	05:34:15	00:00:45	-----	291-	82-	118-	27803
B3 (15)	19/09/23	05:30:10	05:43:23	00:09:08	-----	286-	70-	119-	10372
T4 (114)	19/09/23	05:42:14	05:53:35	00:10:12	-----	207-	32-	73-	27682
B2 (14)	19/09/23	05:43:05	05:56:13	00:02:37	-----	286-	62-	124-	10354
S3 (112)	19/09/23	05:56:56	06:09:07	00:12:11	00:00:43	290-	57-	131-	27798
B4 (16)	19/09/23	05:57:16	06:10:15	00:01:07	-----	286-	53-	131-	10372
C7 (27)	19/09/23	06:06:43	06:19:26	00:09:10	-----	223-	43-	75-	9706
B6 (18)	19/09/23	06:14:38	06:27:17	00:07:51	-----	284-	41-	139-	10355
T1 (118)	19/09/23	06:16:00	06:28:04	00:00:46	-----	225-	50-	70-	27596
S4 (119)	19/09/23	06:32:45	06:44:26	00:11:41	00:04:40	287-	38-	145-	27715
S1 (116)	19/09/23	06:32:51	06:44:28	00:00:02	-----	287-	36-	146-	27716
C3 (23)	19/09/23	06:43:52	06:57:00	00:12:31	-----	236-	62-	74-	9678
T2 (110)	19/09/23	06:50:07	07:02:28	00:05:27	-----	238-	74-	69-	27680
B1 (13)	19/09/23	06:55:09	07:07:12	00:04:44	-----	282-	30-	150-	10261
B7 (19)	19/09/23	06:55:38	07:07:18	00:00:06	-----	280-	26-	156-	10355
C1 (21)	19/09/23	07:01:42	07:14:56	00:07:37	-----	243-	75-	74-	9662
S2 (113)	19/09/23	07:06:01	07:16:42	00:01:45	-----	281-	24-	162-	27804
B8 (20)	19/09/23	07:06:17	07:17:36	00:00:54	-----	278-	23-	161-	10368
B3 (15)	19/09/23	07:16:11	07:27:25	00:09:48	-----	278-	23-	162-	10373
T4 (114)	19/09/23	07:25:11	07:37:34	00:10:09	-----	250-	83-	69-	27683
B2 (14)	19/09/23	07:29:17	07:39:50	00:02:16	-----	275-	19-	169-	10355
S3 (112)	19/09/23	07:41:39	07:50:23	00:08:43	00:01:48	272-	14-	181-	27799
B4 (16)	19/09/23	07:43:45	07:53:18	00:02:55	-----	272-	15-	178-	10373
C7 (27)	19/09/23	07:51:52	08:05:09	00:11:50	-----	258-	83-	77-	9707
G2 (04)	19/09/23	07:55:30	08:03:26	00:01:04	-----	80-	12-	1-	12473
T1 (118)	19/09/23	07:59:35	08:11:57	00:08:30	-----	262-	66-	71-	27597
B6 (18)	19/09/23	08:01:50	08:09:17	00:02:03	-----	262-	10-	194-	10356
S4 (119)	19/09/23	08:18:50	08:23:47	00:04:56	00:09:33	254-	7-	210-	27716
S1 (116)	19/09/23	08:19:10	08:23:33	00:00:01	-----	251-	7-	214-	27717
C3 (23)	19/09/23	08:29:26	08:42:44	00:13:17	00:05:53	267-	74-	81-	9679
T2 (110)	19/09/23	08:34:06	08:46:23	00:03:39	-----	271-	57-	75-	27681
C1 (21)	19/09/23	08:47:25	09:00:41	00:13:16	00:01:02	272-	72-	85-	9663
T4 (114)	19/09/23	09:09:22	09:21:36	00:12:13	00:08:40	279-	54-	80-	27684
G2 (04)	19/09/23	09:30:42	09:43:09	00:12:26	00:09:06	136-	55-	340-	12474
C7 (27)	19/09/23	09:37:43	09:51:00	00:07:51	-----	280-	75-	94-	9708
T1 (118)	19/09/23	09:43:50	09:56:06	00:05:06	-----	285-	56-	88-	27598
K6 (106)	19/09/23	09:46:11	09:57:18	00:01:11	-----	211-	35-	73-	27651
T3 (105)	19/09/23	10:12:57	10:19:43	00:06:45	00:15:39	163-	9-	99-	26757
C3 (23)	19/09/23	10:15:17	10:28:35	00:08:52	-----	284-	85-	104-	9680
T2 (110)	19/09/23	10:18:16	10:30:37	00:02:01	-----	289-	65-	98-	27682
K7 (107)	19/09/23	10:32:52	10:41:00	00:08:07	00:02:14	174-	12-	90-	26710
C1 (21)	19/09/23	10:33:13	10:46:30	00:05:30	-----	285-	85-	110-	9664
T4 (114)	19/09/23	10:53:25	11:05:48	00:12:22	00:06:55	291-	80-	108-	27685
K3 (103)	19/09/23	11:07:11	11:17:29	00:10:17	00:01:23	194-	21-	79-	26711
G2 (04)	19/09/23	11:10:10	11:21:04	00:03:35	-----	194-	23-	313-	12475
C7 (27)	19/09/23	11:23:26	11:36:31	00:13:04	00:02:21	286-	59-	126-	9709
T1 (118)	19/09/23	11:27:45	11:40:07	00:03:36	-----	291-	76-	121-	27599
K6 (106)	19/09/23	11:28:37	11:40:30	00:00:23	-----	253-	77-	69-	27652
K9 (109)	19/09/23	11:40:20	11:51:51	00:11:20	-----	211-	35-	73-	26711
T3 (105)	19/09/23	11:53:49	12:06:06	00:12:17	00:01:57	219-	43-	71-	26758

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
K4 (104)	19/09/23	11:59:05	12:09:40	00:03:33	-----	196-	24-	77-	26872
C3 (23)	19/09/23	12:01:02	12:13:40	00:04:00	-----	284-	41-	139-	9681
T2 (110)	19/09/23	12:02:09	12:14:15	00:00:35	-----	290-	52-	134-	27683
K7 (107)	19/09/23	12:13:49	12:25:54	00:11:38	-----	226-	52-	70-	26711
C1 (21)	19/09/23	12:19:02	12:31:11	00:05:16	-----	282-	32-	148-	9665
T4 (114)	19/09/23	12:37:22	12:48:52	00:11:29	00:06:11	286-	34-	148-	27686
K3 (103)	19/09/23	12:49:23	13:01:44	00:12:20	00:00:31	239-	76-	69-	26712
C7 (27)	19/09/23	13:09:42	13:20:00	00:10:16	00:07:58	274-	18-	171-	9710
T1 (118)	19/09/23	13:12:00	13:22:19	00:02:20	-----	280-	21-	165-	27600
K6 (106)	19/09/23	13:12:07	13:23:49	00:01:29	-----	281-	52-	81-	27653
K9 (109)	19/09/23	13:23:25	13:35:48	00:11:58	-----	253-	79-	69-	26712
T3 (105)	19/09/23	13:38:01	13:50:52	00:12:50	00:02:13	257-	72-	70-	26759
K4 (104)	19/09/23	13:41:37	13:53:56	00:03:03	-----	243-	83-	69-	26873
T2 (110)	19/09/23	13:47:04	13:55:13	00:01:16	-----	269-	12-	186-	27684
C3 (23)	19/09/23	13:48:13	13:55:42	00:00:29	-----	262-	10-	194-	9682
K7 (107)	19/09/23	13:57:27	14:09:47	00:12:19	00:01:44	263-	65-	71-	26712
C1 (21)	19/09/23	14:07:43	14:11:21	00:01:34	-----	248-	6-	214-	9666
K3 (103)	19/09/23	14:33:24	14:45:39	00:12:15	00:22:02	272-	56-	75-	26713
K6 (106)	19/09/23	14:55:25	15:07:17	00:11:51	00:09:45	291-	83-	110-	27654
K9 (109)	19/09/23	15:07:38	15:19:51	00:12:13	00:00:20	280-	54-	82-	26713
T3 (105)	19/09/23	15:23:07	15:35:51	00:12:43	00:03:15	282-	56-	85-	26760
K4 (104)	19/09/23	15:25:46	15:38:00	00:02:09	-----	274-	55-	77-	26874
D3 (31)	19/09/23	15:27:01	15:34:26	00:03:03	-----	168-	10-	97-	3352
K7 (107)	19/09/23	15:41:41	15:53:57	00:12:15	00:07:15	285-	57-	89-	26713
D2 (30)	19/09/23	15:43:18	15:50:19	00:03:03	-----	166-	9-	99-	3389
D4 (32)	19/09/23	15:45:28	15:53:42	00:03:22	-----	173-	12-	97-	3436
D7 (35)	19/09/23	16:00:09	16:07:03	00:06:53	00:06:27	166-	9-	99-	3423
R3 (115)	19/09/23	16:05:27	16:12:49	00:05:46	-----	169-	11-	95-	27843
K3 (103)	19/09/23	16:17:33	16:29:54	00:12:20	00:04:43	289-	66-	98-	26714
D6 (34)	19/09/23	16:31:13	16:41:11	00:09:57	00:01:19	186-	16-	85-	3446
R1 (117)	19/09/23	16:36:58	16:46:06	00:04:55	-----	182-	15-	85-	27839
K6 (106)	19/09/23	16:38:42	16:49:30	00:03:23	-----	285-	30-	152-	27655
K9 (109)	19/09/23	16:51:39	17:04:03	00:12:23	00:02:08	291-	84-	110-	26714
D8 (36)	19/09/23	17:00:47	17:12:24	00:08:21	-----	201-	26-	79-	3442
T3 (105)	19/09/23	17:07:57	17:20:49	00:08:25	-----	291-	86-	116-	26761
D3 (31)	19/09/23	17:09:01	17:21:38	00:00:48	-----	220-	41-	76-	3353
K4 (104)	19/09/23	17:09:59	17:22:22	00:00:43	-----	290-	69-	101-	26875
R2 (108)	19/09/23	17:24:29	17:35:43	00:11:13	00:02:07	205-	30-	74-	28911
D2 (30)	19/09/23	17:25:07	17:37:39	00:01:56	-----	219-	40-	76-	3390
K7 (107)	19/09/23	17:25:36	17:37:56	00:00:17	-----	291-	74-	122-	26714
D4 (32)	19/09/23	17:27:55	17:40:40	00:02:43	-----	224-	45-	75-	3437
D7 (35)	19/09/23	17:41:53	17:54:26	00:12:32	00:01:13	219-	39-	76-	3424
R3 (115)	19/09/23	17:45:48	17:57:41	00:03:15	-----	223-	48-	71-	27844
A8 (12)	19/09/23	17:51:18	17:59:15	00:01:33	-----	172-	11-	95-	13958
A5 (09)	19/09/23	17:57:34	18:05:52	00:06:37	-----	175-	12-	96-	13955
K3 (103)	19/09/23	18:01:26	18:13:29	00:07:37	-----	289-	50-	135-	26715
D6 (34)	19/09/23	18:14:32	18:27:34	00:13:01	00:01:02	232-	56-	74-	3447
R1 (117)	19/09/23	18:18:28	18:30:42	00:03:07	-----	231-	61-	69-	27840
A7 (11)	19/09/23	18:27:27	18:37:56	00:07:13	-----	193-	19-	85-	13958
A6 (10)	19/09/23	18:33:02	18:43:38	00:05:42	-----	192-	20-	84-	13958

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
K9 (109)	19/09/23	18:35:38	18:47:00	00:03:21	-----	285-	31-	152-	26715
A2 (06)	19/09/23	18:38:19	18:49:16	00:02:16	-----	198-	22-	81-	13958
D8 (36)	19/09/23	18:45:04	18:58:20	00:09:03	-----	244-	76-	74-	3443
T3 (105)	19/09/23	18:52:55	19:04:14	00:05:54	-----	283-	26-	158-	26762
K4 (104)	19/09/23	18:53:57	19:05:56	00:01:42	-----	289-	45-	139-	26876
D3 (31)	19/09/23	18:54:05	19:07:22	00:01:25	-----	256-	85-	76-	3354
A1 (05)	19/09/23	18:55:30	19:07:04	00:00:01	-----	206-	27-	78-	13958
A4 (08)	19/09/23	19:03:34	19:15:30	00:08:26	-----	210-	32-	77-	13956
R2 (108)	19/09/23	19:07:20	19:19:43	00:04:13	-----	249-	86-	69-	28912
K7 (107)	19/09/23	19:09:53	19:20:03	00:00:19	-----	279-	20-	167-	26715
D2 (30)	19/09/23	19:10:07	19:23:24	00:03:21	-----	256-	86-	76-	3391
A3 (07)	19/09/23	19:12:48	19:24:51	00:01:26	-----	212-	34-	77-	13959
D4 (32)	19/09/23	19:13:09	19:26:27	00:01:36	-----	259-	82-	77-	3438
D7 (35)	19/09/23	19:26:53	19:40:10	00:13:17	00:00:25	255-	87-	76-	3425
R3 (115)	19/09/23	19:29:04	19:41:17	00:01:06	-----	261-	67-	71-	27845
A8 (12)	19/09/23	19:33:13	19:45:43	00:04:25	-----	223-	44-	75-	13959
A5 (09)	19/09/23	19:39:41	19:52:13	00:06:30	-----	225-	46-	75-	13956
K3 (103)	19/09/23	19:46:26	19:54:19	00:02:06	-----	268-	12-	189-	26716
D6 (34)	19/09/23	20:00:00	20:13:17	00:13:18	00:05:40	264-	76-	79-	3448
R1 (117)	19/09/23	20:02:16	20:14:34	00:01:17	-----	266-	61-	73-	27841
A7 (11)	19/09/23	20:10:44	20:23:37	00:09:02	-----	237-	63-	74-	13959
A6 (10)	19/09/23	20:16:23	20:29:17	00:05:40	-----	238-	65-	74-	13959
A2 (06)	19/09/23	20:21:52	20:34:50	00:05:33	-----	240-	69-	74-	13959
D8 (36)	19/09/23	20:30:48	20:44:06	00:09:15	-----	272-	71-	84-	3444
K4 (104)	19/09/23	20:39:22	20:46:24	00:02:17	-----	263-	10-	196-	26877
A1 (05)	19/09/23	20:39:28	20:52:29	00:06:05	-----	246-	79-	74-	13959
D3 (31)	19/09/23	20:39:56	20:53:13	00:00:43	-----	279-	74-	93-	3355
A4 (08)	19/09/23	20:47:47	21:00:50	00:07:36	-----	250-	85-	75-	13957
R2 (108)	19/09/23	20:51:30	21:03:44	00:02:54	-----	278-	54-	80-	28913
D2 (30)	19/09/23	20:55:58	21:09:15	00:05:31	-----	279-	73-	92-	3392
A3 (07)	19/09/23	20:57:07	21:10:09	00:00:54	-----	251-	88-	75-	13960
D4 (32)	19/09/23	20:59:04	21:12:22	00:02:13	-----	280-	75-	95-	3439
D7 (35)	19/09/23	21:12:44	21:26:01	00:13:16	00:00:21	279-	73-	92-	3426
R3 (115)	19/09/23	21:13:01	21:25:09	00:00:05	-----	284-	56-	87-	27846
A8 (12)	19/09/23	21:17:55	21:30:57	00:05:48	-----	258-	82-	77-	13960
A5 (09)	19/09/23	21:24:26	21:37:28	00:06:30	-----	260-	81-	77-	13957
D6 (34)	19/09/23	21:45:51	21:59:10	00:13:19	00:08:23	283-	81-	101-	3449
R1 (117)	19/09/23	21:46:29	21:58:46	00:00:02	-----	287-	59-	93-	27842
A7 (11)	19/09/23	21:55:51	22:08:52	00:10:05	-----	268-	73-	81-	13960
A6 (10)	19/09/23	22:01:32	22:14:32	00:05:40	-----	268-	73-	81-	13960
A2 (06)	19/09/23	22:07:04	22:20:06	00:05:34	-----	270-	72-	83-	13960
S3 (112)	19/09/23	22:07:46	22:14:53	00:05:01	-----	167-	10-	96-	27808
B2 (14)	19/09/23	22:10:24	22:16:13	00:01:20	-----	160-	8-	107-	10364
D8 (36)	19/09/23	22:16:36	22:29:55	00:13:19	00:00:22	286-	85-	111-	3445
B4 (16)	19/09/23	22:23:05	22:31:02	00:01:07	-----	171-	11-	95-	10382
A1 (05)	19/09/23	22:24:45	22:37:47	00:06:44	-----	273-	71-	86-	13960
D3 (31)	19/09/23	22:25:39	22:38:47	00:01:00	-----	286-	62-	124-	3356
A4 (08)	19/09/23	22:33:08	22:46:08	00:07:21	-----	276-	71-	88-	13958
R2 (108)	19/09/23	22:35:34	22:47:57	00:01:48	-----	291-	77-	106-	28914
B6 (18)	19/09/23	22:39:16	22:49:12	00:01:14	-----	185-	16-	86-	10365

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
D2 (30)	19/09/23	22:41:41	22:54:51	00:05:39	-----	286-	64-	123-	3393
S1 (116)	19/09/23	22:41:45	22:51:40	00:03:01	-----	190-	19-	81-	27726
S4 (119)	19/09/23	22:41:46	22:51:32	00:00:08	-----	188-	18-	82-	27725
A3 (07)	19/09/23	22:42:28	22:55:29	00:03:57	-----	277-	72-	89-	13961
D4 (32)	19/09/23	22:44:51	22:57:56	00:02:26	-----	286-	58-	127-	3440
R3 (115)	19/09/23	22:56:41	23:08:54	00:10:58	-----	291-	79-	119-	27847
D7 (35)	19/09/23	22:58:27	23:11:37	00:02:42	-----	286-	65-	123-	3427
A8 (12)	19/09/23	23:03:19	23:16:20	00:04:43	-----	280-	75-	95-	13961
A5 (09)	19/09/23	23:09:50	23:22:50	00:06:30	-----	281-	76-	95-	13958
S2 (113)	19/09/23	23:13:45	23:24:56	00:02:06	-----	204-	29-	74-	27814
B7 (19)	19/09/23	23:18:48	23:30:31	00:05:34	-----	204-	27-	78-	10365
B1 (13)	19/09/23	23:18:48	23:30:06	00:00:02	-----	199-	23-	80-	10271
G2 (04)	19/09/23	23:22:27	23:34:06	00:03:59	-----	40-	29-	173-	12482
B8 (20)	19/09/23	23:29:08	23:41:08	00:07:02	-----	209-	30-	77-	10378
R1 (117)	19/09/23	23:30:22	23:42:37	00:01:29	-----	291-	64-	127-	27843
D6 (34)	19/09/23	23:31:34	23:44:24	00:01:47	-----	285-	46-	135-	3450
B3 (15)	19/09/23	23:38:57	23:51:01	00:06:36	-----	208-	31-	77-	10383
A7 (11)	19/09/23	23:41:13	23:54:14	00:03:13	-----	284-	86-	104-	13961
A6 (10)	19/09/23	23:46:53	23:59:55	00:05:40	-----	284-	87-	105-	13961
S3 (112)	19/09/23	23:48:11	00:00:10	00:00:15	-----	222-	46-	71-	27809
B2 (14)	19/09/23	23:51:35	00:04:00	00:03:49	-----	216-	36-	76-	10365
A2 (06)	19/09/23	23:52:25	00:05:28	00:01:28	-----	285-	90-	107-	13961
D8 (36)	19/09/24	00:02:25	00:14:35	00:09:06	-----	282-	32-	150-	3446
B4 (16)	19/09/24	00:05:19	00:18:03	00:03:27	-----	222-	43-	76-	10383
A1 (05)	19/09/24	00:10:04	00:23:06	00:05:03	-----	286-	82-	112-	13961
D3 (31)	19/09/24	00:11:51	00:22:27	00:00:03	-----	276-	19-	168-	3357
A4 (08)	19/09/24	00:18:25	00:31:23	00:08:55	-----	286-	74-	117-	13959
R2 (108)	19/09/24	00:19:30	00:31:07	00:00:01	-----	287-	36-	146-	28915
B6 (18)	19/09/24	00:22:32	00:35:36	00:04:28	-----	231-	55-	74-	10366
S4 (119)	19/09/24	00:23:37	00:35:56	00:00:20	-----	235-	68-	69-	27726
S1 (116)	19/09/24	00:23:42	00:36:02	00:00:05	-----	236-	70-	69-	27727
A3 (07)	19/09/24	00:27:45	00:40:43	00:04:40	-----	286-	72-	118-	13962
D2 (30)	19/09/24	00:27:50	00:38:36	00:02:06	-----	277-	20-	167-	3394
D4 (32)	19/09/24	00:31:13	00:41:25	00:02:48	-----	274-	17-	173-	3441
R3 (115)	19/09/24	00:40:36	00:50:59	00:09:33	-----	280-	22-	164-	27848
D7 (35)	19/09/24	00:44:35	00:55:23	00:04:24	-----	277-	20-	166-	3428
A8 (12)	19/09/24	00:48:33	01:01:22	00:05:58	-----	286-	58-	126-	13962
A5 (09)	19/09/24	00:55:04	01:07:49	00:06:27	-----	286-	56-	128-	13959
S2 (113)	19/09/24	00:56:32	01:08:58	00:01:08	-----	248-	87-	69-	27815
G2 (04)	19/09/24	01:00:38	01:12:58	00:04:00	-----	18-	45-	231-	12483
B1 (13)	19/09/24	01:02:53	01:16:08	00:03:09	-----	241-	71-	74-	10272
B7 (19)	19/09/24	01:03:09	01:16:26	00:00:18	-----	245-	77-	74-	10366
B8 (20)	19/09/24	01:13:42	01:27:00	00:10:33	-----	248-	82-	74-	10379
R1 (117)	19/09/24	01:14:51	01:24:17	00:02:04	-----	275-	17-	175-	27844
D6 (34)	19/09/24	01:18:22	01:27:00	00:02:42	-----	267-	12-	185-	3451
B3 (15)	19/09/24	01:23:33	01:36:51	00:09:51	-----	249-	83-	74-	10384
A7 (11)	19/09/24	01:26:29	01:38:48	00:01:57	-----	284-	40-	141-	13962
S3 (112)	19/09/24	01:31:40	01:44:03	00:05:14	-----	259-	69-	70-	27810
A6 (10)	19/09/24	01:32:10	01:44:26	00:00:22	-----	284-	38-	142-	13962
B2 (14)	19/09/24	01:36:26	01:49:46	00:05:19	-----	253-	90-	75-	10366

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
A2 (06)	19/09/24	01:37:43	01:49:52	00:00:06	-----	283-	35-	144-	13962
B4 (16)	19/09/24	01:50:26	02:03:45	00:13:19	00:00:33	258-	84-	76-	10384
D8 (36)	19/09/24	01:51:13	01:54:38	00:09:07	-----	248-	6-	213-	3447
A1 (05)	19/09/24	01:55:27	02:07:11	00:11:43	00:00:49	281-	29-	151-	13962
A4 (08)	19/09/24	02:03:54	02:15:10	00:07:59	-----	280-	25-	158-	13960
R2 (108)	19/09/24	02:05:47	02:10:14	00:04:05	-----	250-	7-	214-	28916
S4 (119)	19/09/24	02:07:32	02:19:51	00:09:36	-----	269-	58-	74-	27727
S1 (116)	19/09/24	02:07:38	02:19:56	00:00:05	-----	270-	58-	74-	27728
B6 (18)	19/09/24	02:07:58	02:21:18	00:01:21	-----	264-	77-	79-	10367
A3 (07)	19/09/24	02:13:16	02:24:23	00:03:05	-----	279-	23-	161-	13963
A8 (12)	19/09/24	02:34:23	02:44:21	00:09:57	00:10:00	273-	17-	172-	13963
G2 (04)	19/09/24	02:40:38	02:47:37	00:03:16	-----	357-	10-	292-	12484
S2 (113)	19/09/24	02:40:42	02:52:58	00:05:21	-----	277-	54-	79-	27816
A5 (09)	19/09/24	02:40:58	02:50:41	00:02:01	-----	273-	16-	175-	13960
B1 (13)	19/09/24	02:48:33	03:01:53	00:11:11	-----	270-	72-	83-	10273
B7 (19)	19/09/24	02:48:53	03:02:12	00:00:18	-----	273-	72-	85-	10367
B8 (20)	19/09/24	02:59:29	03:12:46	00:10:34	-----	275-	72-	87-	10380
B3 (15)	19/09/24	03:09:20	03:22:39	00:09:52	-----	275-	72-	88-	10385
A7 (11)	19/09/24	03:13:20	03:20:13	00:02:02	-----	261-	9-	195-	13963
S3 (112)	19/09/24	03:15:55	03:28:11	00:07:58	-----	284-	55-	86-	27811
A6 (10)	19/09/24	03:19:08	03:25:41	00:02:03	-----	260-	9-	197-	13963
B2 (14)	19/09/24	03:22:17	03:35:35	00:09:54	-----	277-	73-	90-	10367
A2 (06)	19/09/24	03:25:05	03:30:36	00:04:05	-----	253-	8-	206-	13963
B4 (16)	19/09/24	03:36:16	03:49:35	00:13:18	00:05:40	280-	75-	94-	10385
C7 (27)	19/09/24	03:50:23	03:56:53	00:06:29	00:00:48	162-	9-	103-	9719
S4 (119)	19/09/24	03:51:44	04:04:04	00:07:11	-----	288-	62-	95-	27728
S1 (116)	19/09/24	03:51:50	04:04:10	00:00:06	-----	288-	63-	96-	27729
B6 (18)	19/09/24	03:53:50	04:07:10	00:03:00	-----	283-	81-	100-	10368
T2 (110)	19/09/24	04:12:30	04:20:20	00:07:50	00:05:19	172-	12-	92-	27693
S2 (113)	19/09/24	04:24:47	04:37:11	00:12:24	00:04:26	291-	76-	106-	27817
C3 (23)	19/09/24	04:25:50	04:35:42	00:01:02	-----	185-	16-	86-	9691
B1 (13)	19/09/24	04:34:23	04:47:43	00:12:00	-----	285-	89-	108-	10274
B7 (19)	19/09/24	04:34:41	04:48:00	00:00:15	-----	286-	83-	112-	10368
C1 (21)	19/09/24	04:42:49	04:53:52	00:05:52	-----	197-	22-	81-	9675
B8 (20)	19/09/24	04:45:16	04:58:31	00:04:39	-----	286-	78-	115-	10381
T4 (114)	19/09/24	04:46:06	04:56:13	00:02:01	-----	192-	20-	80-	27696
B3 (15)	19/09/24	04:55:06	05:08:23	00:12:10	-----	286-	77-	115-	10386
S3 (112)	19/09/24	04:59:52	05:12:15	00:03:52	-----	291-	82-	118-	27812
B2 (14)	19/09/24	05:08:01	05:21:13	00:08:58	-----	286-	69-	120-	10368
T1 (118)	19/09/24	05:19:29	05:30:53	00:09:39	-----	208-	32-	73-	27610
B4 (16)	19/09/24	05:21:58	05:35:05	00:04:11	-----	286-	60-	126-	10386
C7 (27)	19/09/24	05:31:56	05:44:25	00:09:20	-----	218-	38-	76-	9720
S4 (119)	19/09/24	05:35:37	05:47:49	00:03:23	-----	290-	58-	130-	27729
S1 (116)	19/09/24	05:35:43	05:47:53	00:00:03	-----	290-	56-	132-	27730
B6 (18)	19/09/24	05:39:33	05:52:24	00:04:31	-----	285-	47-	134-	10369
T2 (110)	19/09/24	05:53:18	06:05:22	00:12:03	00:00:54	225-	50-	70-	27694
S2 (113)	19/09/24	06:08:43	06:20:24	00:11:40	00:03:20	287-	37-	145-	27818
C3 (23)	19/09/24	06:09:06	06:22:07	00:01:43	-----	231-	55-	74-	9692
B1 (13)	19/09/24	06:20:10	06:32:33	00:10:25	-----	283-	35-	145-	10275
B7 (19)	19/09/24	06:20:31	06:32:36	00:00:03	-----	282-	30-	150-	10369

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
C1 (21)	19/09/24	06:26:45	06:39:56	00:07:19	-----	239-	68-	74-	9676
T4 (114)	19/09/24	06:28:11	06:40:31	00:00:35	-----	238-	73-	69-	27697
B8 (20)	19/09/24	06:31:09	06:42:54	00:02:23	-----	280-	27-	154-	10382
B3 (15)	19/09/24	06:41:01	06:52:44	00:09:49	-----	280-	27-	156-	10387
S3 (112)	19/09/24	06:44:02	06:54:42	00:01:58	-----	281-	24-	162-	27813
B2 (14)	19/09/24	06:54:03	07:05:13	00:10:31	-----	278-	22-	162-	10369
T1 (118)	19/09/24	07:02:28	07:14:52	00:09:38	-----	251-	82-	69-	27611
B4 (16)	19/09/24	07:08:13	07:18:35	00:03:43	-----	275-	18-	171-	10387
C7 (27)	19/09/24	07:16:53	07:30:10	00:11:34	-----	254-	88-	76-	9721
S4 (119)	19/09/24	07:20:19	07:29:07	00:01:02	-----	272-	14-	181-	27730
S1 (116)	19/09/24	07:20:29	07:29:03	00:00:03	-----	271-	14-	183-	27731
B6 (18)	19/09/24	07:26:19	07:35:00	00:05:56	-----	267-	13-	185-	10370
G2 (04)	19/09/24	07:29:11	07:33:38	00:01:02	-----	55-	7-	11-	12487
T2 (110)	19/09/24	07:36:54	07:49:15	00:12:21	00:03:15	262-	66-	71-	27695
C3 (23)	19/09/24	07:54:32	08:07:50	00:13:17	00:05:16	264-	76-	79-	9693
S2 (113)	19/09/24	07:54:51	07:59:42	00:08:08	-----	253-	7-	211-	27819
B1 (13)	19/09/24	08:08:09	08:13:33	00:05:23	00:08:27	252-	7-	207-	10276
T4 (114)	19/09/24	08:12:09	08:24:26	00:10:52	-----	271-	57-	75-	27698
C1 (21)	19/09/24	08:12:23	08:25:39	00:01:13	-----	269-	73-	82-	9677
K6 (106)	19/09/24	08:40:46	08:50:23	00:09:37	00:15:06	191-	19-	81-	27665
T1 (118)	19/09/24	08:46:39	08:58:54	00:08:30	-----	279-	54-	81-	27612
G2 (04)	19/09/24	09:02:39	09:14:15	00:11:35	00:03:45	118-	31-	346-	12488
C7 (27)	19/09/24	09:02:44	09:16:00	00:01:45	-----	278-	73-	91-	9722
T2 (110)	19/09/24	09:21:08	09:33:25	00:12:16	00:05:08	285-	56-	88-	27696
C3 (23)	19/09/24	09:40:24	09:53:42	00:13:18	00:06:59	283-	81-	100-	9694
T4 (114)	19/09/24	09:56:20	10:08:39	00:12:19	00:02:37	289-	64-	97-	27699
C1 (21)	19/09/24	09:58:13	10:11:30	00:02:50	-----	285-	89-	106-	9678
K3 (103)	19/09/24	10:11:36	10:19:43	00:08:07	00:00:06	174-	12-	90-	26725
K6 (106)	19/09/24	10:22:08	10:34:00	00:11:51	00:02:24	238-	72-	69-	27666
T1 (118)	19/09/24	10:30:42	10:43:06	00:09:07	-----	291-	81-	108-	27613
G2 (04)	19/09/24	10:40:36	10:52:52	00:09:46	-----	173-	44-	324-	12489
K9 (109)	19/09/24	10:44:08	10:54:32	00:01:39	-----	193-	22-	78-	26725
C7 (27)	19/09/24	10:48:27	11:01:37	00:07:05	-----	286-	66-	121-	9723
K4 (104)	19/09/24	11:04:38	11:13:29	00:08:50	00:03:01	180-	15-	86-	26886
T2 (110)	19/09/24	11:05:04	11:17:26	00:03:56	-----	291-	76-	120-	27697
T3 (105)	19/09/24	11:08:40	11:20:25	00:02:58	-----	206-	32-	73-	26772
K7 (107)	19/09/24	11:17:18	11:28:45	00:08:19	-----	209-	34-	73-	26725
C3 (23)	19/09/24	11:26:08	11:38:58	00:10:12	-----	285-	47-	134-	9695
T4 (114)	19/09/24	11:40:13	11:52:18	00:12:05	00:01:15	290-	53-	133-	27700
C1 (21)	19/09/24	11:43:58	11:56:24	00:04:05	-----	284-	37-	143-	9679
K3 (103)	19/09/24	11:52:33	12:04:38	00:08:13	-----	226-	52-	70-	26726
K6 (106)	19/09/24	12:05:24	12:17:09	00:11:45	00:00:46	271-	55-	74-	27667
T1 (118)	19/09/24	12:14:39	12:26:09	00:09:00	-----	286-	34-	149-	27614
K9 (109)	19/09/24	12:26:24	12:38:45	00:12:21	00:00:14	240-	78-	69-	26726
C7 (27)	19/09/24	12:34:33	12:45:29	00:06:43	-----	277-	21-	165-	9724
K4 (104)	19/09/24	12:46:07	12:58:15	00:12:07	00:00:38	230-	59-	69-	26887
T2 (110)	19/09/24	12:49:19	12:59:39	00:01:23	-----	280-	21-	165-	27698
T3 (105)	19/09/24	12:52:24	13:05:16	00:05:37	-----	249-	85-	69-	26773
K7 (107)	19/09/24	13:00:19	13:12:43	00:07:26	-----	252-	81-	69-	26726
C3 (23)	19/09/24	13:12:54	13:21:37	00:08:42	00:00:11	267-	13-	185-	9696

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
T4 (114)	19/09/24	13:25:06	13:33:19	00:08:13	00:03:29	270-	13-	186-	27701
C1 (21)	19/09/24	13:31:37	13:37:48	00:04:28	-----	256-	8-	203-	9680
K3 (103)	19/09/24	13:36:11	13:48:31	00:10:42	-----	263-	65-	71-	26727
K6 (106)	19/09/24	13:48:52	14:00:39	00:11:47	00:00:21	289-	62-	96-	27668
K9 (109)	19/09/24	14:10:26	14:22:41	00:12:15	00:09:46	273-	56-	76-	26727
K4 (104)	19/09/24	14:29:59	14:42:15	00:12:16	00:07:17	266-	61-	72-	26888
T3 (105)	19/09/24	14:37:27	14:50:10	00:07:55	-----	278-	55-	81-	26774
K7 (107)	19/09/24	14:44:31	14:56:45	00:06:35	-----	280-	54-	81-	26727
D3 (31)	19/09/24	14:53:08	14:58:45	00:02:00	-----	154-	8-	102-	3366
D4 (32)	19/09/24	15:12:07	15:19:03	00:06:55	00:13:22	165-	9-	99-	3450
K3 (103)	19/09/24	15:20:25	15:32:40	00:12:15	00:01:21	285-	57-	89-	26728
K6 (106)	19/09/24	15:32:01	15:43:37	00:10:56	-----	290-	53-	132-	27669
R1 (117)	19/09/24	15:42:01	15:47:42	00:04:04	-----	159-	8-	104-	27853
K9 (109)	19/09/24	15:54:35	16:06:55	00:12:20	00:06:52	289-	67-	99-	26728
D6 (34)	19/09/24	15:56:54	16:06:00	00:00:05	-----	179-	14-	89-	3460
K4 (104)	19/09/24	16:14:17	16:26:34	00:12:17	00:08:16	287-	59-	92-	26889
T3 (105)	19/09/24	16:22:22	16:35:14	00:08:40	-----	291-	80-	108-	26775
D8 (36)	19/09/24	16:26:14	16:37:21	00:02:06	-----	195-	22-	82-	3456
R2 (108)	19/09/24	16:28:25	16:38:17	00:00:55	-----	186-	19-	81-	28925
K7 (107)	19/09/24	16:28:33	16:40:57	00:02:40	-----	291-	82-	109-	26728
D3 (31)	19/09/24	16:34:17	16:46:39	00:05:41	-----	215-	36-	77-	3367
R3 (115)	19/09/24	16:45:38	16:56:41	00:10:01	-----	204-	29-	74-	27858
D2 (30)	19/09/24	16:50:24	17:02:40	00:05:59	-----	213-	34-	76-	3404
D4 (32)	19/09/24	16:53:56	17:06:29	00:03:49	-----	219-	39-	76-	3451
K3 (103)	19/09/24	17:04:20	17:16:40	00:10:10	-----	291-	74-	121-	26729
D7 (35)	19/09/24	17:07:09	17:19:24	00:02:44	-----	212-	34-	76-	3438
A8 (12)	19/09/24	17:11:32	17:17:05	00:02:01	-----	160-	8-	108-	13972
K6 (106)	19/09/24	17:16:09	17:24:02	00:06:56	-----	269-	12-	186-	27670
A5 (09)	19/09/24	17:17:39	17:23:49	00:00:01	-----	163-	8-	102-	13969
R1 (117)	19/09/24	17:21:43	17:33:29	00:09:39	-----	217-	40-	72-	27854
K9 (109)	19/09/24	17:38:28	17:50:29	00:12:01	00:04:59	289-	49-	136-	26729
D6 (34)	19/09/24	17:39:45	17:52:39	00:02:09	-----	227-	50-	74-	3461
A7 (11)	19/09/24	17:46:58	17:56:23	00:03:43	-----	183-	15-	91-	13972
A6 (10)	19/09/24	17:52:29	18:02:05	00:05:42	-----	185-	16-	90-	13972
A2 (06)	19/09/24	17:57:42	18:07:45	00:05:40	-----	188-	17-	85-	13972
K4 (104)	19/09/24	17:58:15	18:10:35	00:02:49	-----	291-	66-	126-	26890
T3 (105)	19/09/24	18:07:11	18:19:11	00:08:36	-----	287-	36-	147-	26776
D8 (36)	19/09/24	18:10:12	18:23:25	00:04:14	-----	240-	69-	74-	3457
R2 (108)	19/09/24	18:10:21	18:22:39	00:00:04	-----	236-	70-	69-	28926
K7 (107)	19/09/24	18:12:32	18:23:58	00:01:18	-----	286-	32-	150-	26729
A1 (05)	19/09/24	18:14:47	18:25:40	00:01:41	-----	197-	22-	81-	13972
D3 (31)	19/09/24	18:19:09	18:32:25	00:06:45	-----	253-	90-	75-	3368
A4 (08)	19/09/24	18:22:43	18:34:06	00:01:40	-----	201-	25-	80-	13970
R3 (115)	19/09/24	18:28:09	18:40:25	00:06:19	-----	248-	87-	69-	27859
A3 (07)	19/09/24	18:31:58	18:43:30	00:03:04	-----	203-	27-	79-	13973
D2 (30)	19/09/24	18:35:11	18:48:27	00:04:57	-----	252-	88-	75-	3405
D4 (32)	19/09/24	18:39:00	18:52:17	00:03:50	-----	255-	87-	76-	3452
K3 (103)	19/09/24	18:48:37	18:58:46	00:06:29	-----	279-	20-	167-	26730
D7 (35)	19/09/24	18:51:54	19:05:11	00:06:24	-----	251-	88-	75-	3439
A8 (12)	19/09/24	18:52:15	19:04:25	00:00:04	-----	216-	36-	76-	13973

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
A5 (09)	19/09/24	18:58:41	19:10:55	00:06:30	-----	217-	37-	77-	13970
R1 (117)	19/09/24	19:05:00	19:17:23	00:06:27	-----	256-	73-	70-	27855
K9 (109)	19/09/24	19:23:33	19:31:11	00:07:37	00:06:10	267-	11-	191-	26730
D6 (34)	19/09/24	19:25:04	19:38:22	00:07:11	-----	261-	79-	78-	3462
A7 (11)	19/09/24	19:29:39	19:42:23	00:04:00	-----	230-	53-	75-	13973
A6 (10)	19/09/24	19:35:16	19:48:02	00:05:38	-----	231-	54-	74-	13973
A2 (06)	19/09/24	19:40:43	19:53:34	00:05:32	-----	234-	59-	74-	13973
K4 (104)	19/09/24	19:42:47	19:52:28	00:01:05	-----	276-	17-	174-	26891
R2 (108)	19/09/24	19:54:16	20:06:33	00:12:16	00:01:48	270-	58-	74-	28927
T3 (105)	19/09/24	19:54:32	19:58:49	00:07:04	-----	250-	6-	215-	26777
D8 (36)	19/09/24	19:55:51	20:09:10	00:10:20	-----	270-	72-	82-	3458
A1 (05)	19/09/24	19:58:18	20:11:15	00:02:05	-----	240-	68-	74-	13973
D3 (31)	19/09/24	20:04:59	20:18:15	00:06:59	-----	277-	72-	90-	3369
A4 (08)	19/09/24	20:06:33	20:19:33	00:01:18	-----	244-	75-	74-	13971
R3 (115)	19/09/24	20:12:02	20:24:09	00:04:35	-----	278-	54-	79-	27860
A3 (07)	19/09/24	20:15:54	20:28:55	00:04:46	-----	246-	78-	74-	13974
D2 (30)	19/09/24	20:21:00	20:34:16	00:05:21	-----	277-	72-	89-	3406
D4 (32)	19/09/24	20:24:54	20:38:11	00:03:55	-----	279-	73-	92-	3453
A8 (12)	19/09/24	20:36:40	20:49:42	00:11:31	-----	253-	90-	75-	13974
D7 (35)	19/09/24	20:37:44	20:51:00	00:01:17	-----	277-	72-	89-	3440
A5 (09)	19/09/24	20:43:10	20:56:12	00:05:11	-----	254-	88-	75-	13971
R1 (117)	19/09/24	20:49:14	21:01:28	00:05:16	-----	282-	54-	84-	27856
D6 (34)	19/09/24	21:10:56	21:24:14	00:13:18	00:09:27	282-	77-	97-	3463
A7 (11)	19/09/24	21:14:36	21:27:37	00:03:22	-----	263-	77-	78-	13974
A6 (10)	19/09/24	21:20:14	21:33:16	00:05:38	-----	264-	76-	79-	13974
A2 (06)	19/09/24	21:25:45	21:38:49	00:05:32	-----	266-	75-	80-	13974
R2 (108)	19/09/24	21:38:28	21:50:47	00:11:58	-----	288-	63-	96-	28928
D8 (36)	19/09/24	21:41:41	21:55:01	00:04:14	-----	285-	90-	107-	3459
A1 (05)	19/09/24	21:43:29	21:56:31	00:01:29	-----	270-	72-	82-	13974
S1 (116)	19/09/24	21:46:24	21:53:45	00:02:04	-----	168-	11-	95-	27740
S4 (119)	19/09/24	21:46:31	21:53:32	00:00:01	-----	166-	10-	97-	27739
B4 (16)	19/09/24	21:48:49	21:55:10	00:01:37	-----	164-	8-	101-	10396
D3 (31)	19/09/24	21:50:43	22:03:55	00:08:45	-----	286-	69-	120-	3370
A4 (08)	19/09/24	21:51:49	22:04:50	00:00:54	-----	272-	71-	84-	13972
R3 (115)	19/09/24	21:55:50	22:08:05	00:03:15	-----	291-	76-	106-	27861
A3 (07)	19/09/24	22:01:11	22:14:13	00:06:07	-----	273-	71-	85-	13975
B6 (18)	19/09/24	22:04:49	22:13:51	00:00:02	-----	178-	13-	90-	10379
D2 (30)	19/09/24	22:06:44	22:19:58	00:06:06	-----	286-	71-	119-	3407
D4 (32)	19/09/24	22:10:41	22:23:51	00:03:53	-----	286-	64-	123-	3454
S2 (113)	19/09/24	22:17:42	22:27:30	00:03:38	-----	188-	18-	81-	27828
A8 (12)	19/09/24	22:22:02	22:35:03	00:07:33	-----	277-	72-	90-	13975
D7 (35)	19/09/24	22:23:28	22:36:41	00:01:38	-----	286-	72-	118-	3441
A5 (09)	19/09/24	22:28:33	22:41:33	00:04:51	-----	278-	72-	91-	13972
R1 (117)	19/09/24	22:33:12	22:45:36	00:04:03	-----	291-	89-	114-	27857
B7 (19)	19/09/24	22:44:07	22:55:23	00:09:47	-----	199-	23-	80-	10379
B1 (13)	19/09/24	22:44:17	22:55:02	00:00:02	-----	193-	20-	82-	10285
S3 (112)	19/09/24	22:51:46	23:02:58	00:07:55	-----	204-	29-	74-	27823
B8 (20)	19/09/24	22:54:26	23:06:02	00:03:04	-----	203-	26-	79-	10392
G2 (04)	19/09/24	22:54:34	23:04:03	00:01:05	-----	51-	15-	150-	12496
D6 (34)	19/09/24	22:56:38	23:09:38	00:05:35	-----	286-	53-	130-	3464

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
A7 (11)	19/09/24	23:00:00	23:13:00	00:03:22	-----	282-	79-	99-	13975
B3 (15)	19/09/24	23:04:11	23:15:53	00:02:52	-----	204-	27-	78-	10397
A6 (10)	19/09/24	23:05:37	23:18:39	00:02:46	-----	283-	80-	100-	13975
A2 (06)	19/09/24	23:11:08	23:24:12	00:05:32	-----	283-	83-	102-	13975
B2 (14)	19/09/24	23:16:47	23:28:52	00:04:40	-----	208-	31-	77-	10379
R2 (108)	19/09/24	23:22:20	23:34:30	00:05:37	-----	290-	56-	131-	28929
S4 (119)	19/09/24	23:26:53	23:38:51	00:04:20	-----	221-	45-	71-	27740
S1 (116)	19/09/24	23:26:56	23:38:57	00:00:05	-----	222-	47-	71-	27741
D8 (36)	19/09/24	23:27:27	23:39:55	00:00:58	-----	284-	36-	145-	3460
A1 (05)	19/09/24	23:28:50	23:41:53	00:01:58	-----	285-	89-	107-	13975
B4 (16)	19/09/24	23:30:14	23:42:44	00:00:50	-----	217-	37-	77-	10397
D3 (31)	19/09/24	23:36:45	23:47:55	00:05:11	-----	278-	23-	162-	3371
A4 (08)	19/09/24	23:37:09	23:50:09	00:02:14	-----	285-	85-	111-	13973
R3 (115)	19/09/24	23:39:28	23:51:00	00:00:51	-----	287-	37-	145-	27862
A3 (07)	19/09/24	23:46:30	23:59:31	00:08:31	-----	286-	82-	112-	13976
B6 (18)	19/09/24	23:47:36	00:00:31	00:01:00	-----	227-	49-	74-	10380
D2 (30)	19/09/24	23:52:44	00:04:04	00:03:33	-----	279-	23-	161-	3408
D4 (32)	19/09/24	23:56:52	00:07:42	00:03:37	-----	277-	20-	167-	3455
S2 (113)	19/09/24	23:59:34	00:11:54	00:04:12	-----	235-	68-	69-	27829
A8 (12)	19/09/25	00:07:18	00:20:14	00:08:19	-----	286-	69-	120-	13976
D7 (35)	19/09/25	00:09:27	00:20:49	00:00:35	-----	279-	24-	160-	3442
A5 (09)	19/09/25	00:13:48	00:26:42	00:05:52	-----	286-	66-	122-	13973
R1 (117)	19/09/25	00:17:16	00:28:18	00:01:36	-----	283-	27-	156-	27858
B1 (13)	19/09/25	00:28:02	00:41:13	00:12:54	-----	237-	64-	74-	10286
B7 (19)	19/09/25	00:28:10	00:41:24	00:00:11	-----	241-	70-	74-	10380
G2 (04)	19/09/25	00:31:52	00:44:39	00:03:14	-----	25-	81-	212-	12497
S3 (112)	19/09/25	00:34:34	00:47:00	00:02:20	-----	248-	87-	69-	27824
B8 (20)	19/09/25	00:38:43	00:51:58	00:04:58	-----	244-	75-	74-	10393
D6 (34)	19/09/25	00:43:08	00:52:45	00:00:46	-----	271-	15-	177-	3465
A7 (11)	19/09/25	00:45:14	00:57:50	00:05:05	-----	285-	48-	134-	13976
B3 (15)	19/09/25	00:48:31	01:01:48	00:03:57	-----	245-	77-	74-	10398
A6 (10)	19/09/25	00:50:52	01:03:26	00:01:38	-----	285-	47-	135-	13976
A2 (06)	19/09/25	00:56:23	01:08:53	00:05:27	-----	285-	44-	137-	13976
B2 (14)	19/09/25	01:01:23	01:14:42	00:05:48	-----	249-	84-	75-	10380
R2 (108)	19/09/25	01:07:06	01:15:43	00:01:01	-----	271-	14-	183-	28930
S4 (119)	19/09/25	01:10:21	01:22:45	00:07:01	-----	259-	69-	70-	27741
S1 (116)	19/09/25	01:10:27	01:22:50	00:00:05	-----	260-	68-	71-	27742
A1 (05)	19/09/25	01:14:08	01:26:19	00:03:29	-----	283-	36-	143-	13976
B4 (16)	19/09/25	01:15:09	01:28:28	00:02:08	-----	254-	89-	75-	10398
D8 (36)	19/09/25	01:15:11	01:21:13	00:07:01	-----	258-	8-	200-	3461
A4 (08)	19/09/25	01:22:30	01:34:20	00:11:50	00:01:16	282-	31-	150-	13974
R3 (115)	19/09/25	01:25:22	01:30:00	00:04:02	-----	252-	7-	211-	27863
A3 (07)	19/09/25	01:31:53	01:43:38	00:11:44	00:01:52	282-	29-	152-	13977
B6 (18)	19/09/25	01:32:54	01:46:14	00:02:36	-----	261-	80-	78-	10381
S2 (113)	19/09/25	01:43:29	01:55:48	00:09:34	-----	269-	58-	74-	27830
A8 (12)	19/09/25	01:52:53	02:03:47	00:07:58	-----	277-	22-	162-	13977
A5 (09)	19/09/25	01:59:26	02:10:08	00:06:20	-----	277-	21-	165-	13974
G2 (04)	19/09/25	02:11:13	02:20:44	00:09:31	00:01:04	5-	16-	270-	12498
B1 (13)	19/09/25	02:13:37	02:26:57	00:06:12	-----	268-	74-	81-	10287
B7 (19)	19/09/25	02:13:50	02:27:09	00:00:12	-----	270-	72-	83-	10381

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
S3 (112)	19/09/25	02:18:44	02:31:00	00:03:50	-----	277-	54-	79-	27825
B8 (20)	19/09/25	02:24:27	02:37:44	00:06:43	-----	272-	72-	85-	10394
A7 (11)	19/09/25	02:31:27	02:40:10	00:02:26	-----	269-	13-	183-	13977
B3 (15)	19/09/25	02:34:15	02:47:34	00:07:23	-----	273-	72-	85-	10399
A6 (10)	19/09/25	02:37:09	02:45:38	00:01:05	-----	268-	12-	184-	13977
A2 (06)	19/09/25	02:42:54	02:50:47	00:05:09	-----	264-	11-	190-	13977
B2 (14)	19/09/25	02:47:11	03:00:29	00:09:42	-----	275-	72-	88-	10381
S4 (119)	19/09/25	02:54:36	03:06:52	00:06:23	-----	284-	55-	86-	27742
S1 (116)	19/09/25	02:54:42	03:06:58	00:00:05	-----	284-	56-	87-	27743
B4 (16)	19/09/25	03:00:58	03:14:16	00:07:18	-----	278-	73-	91-	10399
A1 (05)	19/09/25	03:01:23	03:07:12	00:07:04	-----	254-	8-	204-	13977
A4 (08)	19/09/25	03:10:58	03:13:47	00:02:49	00:03:46	245-	6-	216-	13975
B6 (18)	19/09/25	03:18:45	03:32:05	00:13:19	00:04:58	281-	77-	97-	10382
S2 (113)	19/09/25	03:27:41	03:40:02	00:07:56	-----	288-	62-	95-	27831
T4 (114)	19/09/25	03:50:37	03:58:21	00:07:44	00:10:35	171-	11-	92-	27710
C3 (23)	19/09/25	03:51:33	04:00:32	00:02:10	-----	178-	13-	90-	9705
B1 (13)	19/09/25	03:59:28	04:12:48	00:12:16	-----	284-	86-	104-	10288
B7 (19)	19/09/25	03:59:39	04:12:59	00:00:10	-----	285-	89-	108-	10382
S3 (112)	19/09/25	04:02:49	04:15:13	00:02:14	-----	291-	76-	106-	27826
C1 (21)	19/09/25	04:08:14	04:18:41	00:03:27	-----	190-	18-	84-	9689
B8 (20)	19/09/25	04:10:14	04:23:32	00:04:50	-----	285-	84-	111-	10395
B3 (15)	19/09/25	04:20:03	04:33:21	00:09:49	-----	286-	83-	111-	10400
T1 (118)	19/09/25	04:23:20	04:33:31	00:00:09	-----	193-	20-	79-	27624
B2 (14)	19/09/25	04:32:57	04:46:13	00:12:41	-----	286-	76-	116-	10382
S4 (119)	19/09/25	04:38:33	04:50:57	00:04:44	-----	291-	82-	117-	27743
S1 (116)	19/09/25	04:38:39	04:51:02	00:00:04	-----	291-	80-	118-	27744
B4 (16)	19/09/25	04:46:41	04:59:53	00:08:51	-----	286-	67-	121-	10400
T2 (110)	19/09/25	04:56:48	05:08:11	00:08:18	-----	208-	32-	73-	27708
C7 (27)	19/09/25	04:57:12	05:09:23	00:01:11	-----	210-	33-	76-	9734
B6 (18)	19/09/25	05:04:28	05:17:29	00:08:06	-----	286-	53-	130-	10383
S2 (113)	19/09/25	05:11:34	05:23:46	00:06:17	-----	290-	57-	131-	27832
T4 (114)	19/09/25	05:31:23	05:43:26	00:12:02	00:07:36	224-	49-	70-	27711
C3 (23)	19/09/25	05:34:21	05:47:14	00:03:48	-----	227-	49-	74-	9706
B1 (13)	19/09/25	05:45:13	05:57:50	00:10:36	-----	284-	40-	140-	10289
B7 (19)	19/09/25	05:45:26	05:57:49	00:00:01	-----	283-	35-	145-	10383
S3 (112)	19/09/25	05:46:45	05:58:25	00:00:36	-----	287-	37-	145-	27827
C1 (21)	19/09/25	05:51:49	06:04:55	00:06:29	-----	235-	61-	74-	9690
B8 (20)	19/09/25	05:56:04	06:08:11	00:03:15	-----	282-	31-	149-	10396
T1 (118)	19/09/25	06:05:27	06:17:48	00:09:37	-----	238-	74-	69-	27625
B3 (15)	19/09/25	06:05:52	06:17:59	00:00:10	-----	282-	31-	150-	10401
B2 (14)	19/09/25	06:18:52	06:30:32	00:11:39	00:00:53	280-	26-	156-	10383
S4 (119)	19/09/25	06:22:42	06:33:25	00:02:52	-----	282-	24-	161-	27744
S1 (116)	19/09/25	06:22:50	06:33:25	00:00:00	-----	281-	23-	163-	27745
B4 (16)	19/09/25	06:32:45	06:43:46	00:10:21	-----	278-	21-	165-	10401
T2 (110)	19/09/25	06:39:46	06:52:10	00:08:24	-----	251-	82-	69-	27709
C7 (27)	19/09/25	06:41:55	06:55:11	00:03:00	-----	250-	86-	75-	9735
B6 (18)	19/09/25	06:50:57	07:00:36	00:05:24	-----	271-	15-	177-	10384
S2 (113)	19/09/25	06:56:17	07:05:03	00:04:26	-----	272-	14-	181-	27833
T4 (114)	19/09/25	07:14:57	07:27:18	00:12:20	00:09:54	261-	66-	71-	27712
C3 (23)	19/09/25	07:19:38	07:32:57	00:05:38	-----	261-	80-	78-	9707

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
B1 (13)	19/09/25	07:32:31	07:39:44	00:06:46	-----	261-	10-	196-	10290
S3 (112)	19/09/25	07:32:54	07:37:42	00:02:01	-----	253-	7-	211-	27828
B7 (19)	19/09/25	07:33:21	07:38:53	00:01:10	-----	253-	7-	207-	10384
K6 (106)	19/09/25	07:36:31	07:42:39	00:03:45	-----	163-	9-	101-	27679
C1 (21)	19/09/25	07:37:21	07:50:38	00:07:59	-----	266-	74-	81-	9691
B8 (20)	19/09/25	07:44:55	07:48:10	00:02:02	-----	246-	6-	216-	10397
T1 (118)	19/09/25	07:49:27	08:01:44	00:12:16	00:01:17	271-	57-	75-	27626
T2 (110)	19/09/25	08:23:57	08:36:12	00:12:15	00:22:13	279-	54-	81-	27710
C7 (27)	19/09/25	08:27:44	08:41:00	00:04:47	-----	276-	72-	89-	9736
G2 (04)	19/09/25	08:35:04	08:45:11	00:04:11	-----	100-	19-	354-	12502
T4 (114)	19/09/25	08:59:12	09:11:27	00:12:15	00:14:00	285-	56-	88-	27713
C3 (23)	19/09/25	09:05:31	09:18:49	00:07:21	-----	281-	77-	97-	9708
K6 (106)	19/09/25	09:15:58	09:27:25	00:08:36	-----	220-	42-	71-	27680
C1 (21)	19/09/25	09:23:12	09:36:29	00:09:04	-----	284-	84-	103-	9692
T1 (118)	19/09/25	09:33:37	09:45:58	00:09:28	-----	289-	65-	98-	27627
K9 (109)	19/09/25	09:48:30	09:56:52	00:08:22	00:02:31	176-	13-	89-	26739
T2 (110)	19/09/25	10:08:00	10:20:25	00:12:24	00:11:07	291-	80-	108-	27711
K4 (104)	19/09/25	10:11:13	10:16:31	00:03:05	-----	157-	8-	107-	26900
G2 (04)	19/09/25	10:11:39	10:24:21	00:07:49	-----	154-	83-	332-	12503
C7 (27)	19/09/25	10:13:29	10:26:42	00:02:20	-----	286-	73-	117-	9737
K7 (107)	19/09/25	10:21:07	10:31:24	00:04:42	-----	194-	21-	79-	26739
T3 (105)	19/09/25	10:23:41	10:34:38	00:03:13	-----	195-	23-	77-	26786
T4 (114)	19/09/25	10:43:08	10:55:28	00:12:20	00:08:29	291-	77-	120-	27714
C3 (23)	19/09/25	10:51:14	11:04:13	00:08:44	-----	286-	53-	130-	9709
K3 (103)	19/09/25	10:56:00	11:07:26	00:03:13	-----	209-	33-	73-	26740
K6 (106)	19/09/25	10:58:42	11:10:34	00:03:07	-----	258-	69-	70-	27681
C1 (21)	19/09/25	11:08:55	11:21:35	00:11:01	-----	285-	42-	138-	9693
T1 (118)	19/09/25	11:17:30	11:29:36	00:08:00	-----	290-	52-	134-	27628
K9 (109)	19/09/25	11:29:34	11:41:41	00:12:04	-----	227-	54-	70-	26740
K4 (104)	19/09/25	11:50:52	12:02:31	00:11:39	00:09:10	216-	39-	72-	26901
T2 (110)	19/09/25	11:51:57	12:03:28	00:00:56	-----	286-	34-	148-	27712
G2 (04)	19/09/25	11:53:04	12:01:07	00:02:02	-----	220-	12-	298-	12504
C7 (27)	19/09/25	11:59:26	12:10:54	00:09:47	-----	279-	25-	158-	9738
K7 (107)	19/09/25	12:03:19	12:15:40	00:04:45	-----	239-	76-	69-	26740
T3 (105)	19/09/25	12:06:51	12:19:41	00:04:01	-----	241-	80-	69-	26787
T4 (114)	19/09/25	12:27:22	12:37:43	00:10:21	00:07:40	280-	22-	165-	27715
C3 (23)	19/09/25	12:37:43	12:47:21	00:09:37	-----	271-	15-	177-	9710
K3 (103)	19/09/25	12:39:01	12:51:24	00:04:03	-----	252-	81-	69-	26741
K6 (106)	19/09/25	12:42:14	12:53:57	00:02:32	-----	284-	53-	85-	27682
C1 (21)	19/09/25	12:56:00	13:03:46	00:07:45	00:02:03	263-	11-	192-	9694
T1 (118)	19/09/25	13:02:25	13:10:33	00:06:47	-----	269-	12-	186-	27629
K9 (109)	19/09/25	13:13:14	13:25:34	00:12:19	00:02:41	263-	64-	72-	26741
K4 (104)	19/09/25	13:34:13	13:46:32	00:12:19	00:08:39	256-	74-	70-	26902
K7 (107)	19/09/25	13:47:20	13:59:35	00:12:15	00:00:47	272-	56-	75-	26741
T3 (105)	19/09/25	13:51:46	14:04:30	00:04:54	-----	273-	57-	77-	26788
K3 (103)	19/09/25	14:23:13	14:35:27	00:12:13	00:18:43	280-	54-	81-	26742
K6 (106)	19/09/25	14:25:28	14:37:19	00:01:52	-----	292-	86-	115-	27683
K9 (109)	19/09/25	14:57:28	15:09:44	00:12:16	00:20:08	286-	57-	90-	26742
K4 (104)	19/09/25	15:18:32	15:30:45	00:12:12	00:08:47	282-	54-	84-	26903
D6 (34)	19/09/25	15:22:43	15:30:42	00:00:02	-----	171-	11-	95-	3474

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
K7 (107)	19/09/25	15:31:29	15:43:49	00:12:20	00:00:47	289-	66-	98-	26742
R2 (108)	19/09/25	15:33:04	15:40:20	00:03:02	-----	168-	10-	95-	28939
T3 (105)	19/09/25	15:36:46	15:49:36	00:09:16	-----	289-	69-	101-	26789
R3 (115)	19/09/25	15:45:57	15:55:23	00:05:46	-----	186-	17-	83-	27872
D8 (36)	19/09/25	15:51:44	16:02:17	00:06:53	-----	191-	19-	85-	3470
D3 (31)	19/09/25	15:59:36	16:11:39	00:09:21	-----	208-	31-	77-	3381
K3 (103)	19/09/25	16:07:15	16:19:38	00:08:00	-----	291-	82-	109-	26743
K6 (106)	19/09/25	16:08:52	16:19:11	00:00:02	-----	282-	24-	160-	27684
D2 (30)	19/09/25	16:15:43	16:27:39	00:08:27	-----	207-	30-	78-	3418
D4 (32)	19/09/25	16:20:00	16:32:17	00:04:38	-----	213-	34-	76-	3465
R1 (117)	19/09/25	16:25:18	16:36:07	00:03:50	-----	198-	25-	76-	27868
D7 (35)	19/09/25	16:32:26	16:44:21	00:08:14	-----	206-	29-	78-	3452
K9 (109)	19/09/25	16:41:23	16:53:42	00:09:21	-----	291-	72-	123-	26743
K4 (104)	19/09/25	17:02:36	17:15:00	00:12:24	00:08:53	291-	90-	114-	26904
D6 (34)	19/09/25	17:05:00	17:17:43	00:02:42	-----	222-	43-	75-	3475
A7 (11)	19/09/25	17:06:45	17:14:38	00:03:04	-----	172-	11-	99-	13986
A6 (10)	19/09/25	17:12:11	17:20:21	00:05:42	-----	173-	12-	97-	13986
R2 (108)	19/09/25	17:13:34	17:25:33	00:05:12	-----	222-	46-	71-	28940
K7 (107)	19/09/25	17:15:22	17:27:25	00:01:52	-----	289-	50-	135-	26743
A2 (06)	19/09/25	17:17:17	17:26:05	00:01:02	-----	178-	13-	90-	13986
T3 (105)	19/09/25	17:21:31	17:33:58	00:07:53	-----	289-	47-	138-	26790
R3 (115)	19/09/25	17:27:26	17:39:34	00:05:36	-----	234-	66-	69-	27873
A1 (05)	19/09/25	17:34:13	17:44:10	00:04:35	-----	188-	17-	85-	13986
D8 (36)	19/09/25	17:35:22	17:48:30	00:04:20	-----	236-	62-	74-	3471
A4 (08)	19/09/25	17:42:00	17:52:37	00:04:07	-----	191-	20-	84-	13984
D3 (31)	19/09/25	17:44:13	17:57:28	00:04:50	-----	249-	84-	74-	3382
K3 (103)	19/09/25	17:51:13	18:02:39	00:05:10	-----	286-	32-	150-	26744
A3 (07)	19/09/25	17:51:14	18:02:04	00:00:03	-----	197-	21-	83-	13987
D2 (30)	19/09/25	18:00:15	18:13:30	00:11:25	-----	248-	82-	74-	3419
D4 (32)	19/09/25	18:04:51	18:18:07	00:04:37	-----	252-	88-	75-	3466
R1 (117)	19/09/25	18:07:50	18:20:13	00:02:05	-----	244-	86-	69-	27869
A8 (12)	19/09/25	18:11:24	18:23:04	00:02:50	-----	205-	29-	77-	13987
D7 (35)	19/09/25	18:16:57	18:30:12	00:07:07	-----	248-	82-	74-	3453
A5 (09)	19/09/25	18:17:48	18:29:35	00:00:03	-----	208-	30-	78-	13984
K9 (109)	19/09/25	18:25:42	18:35:43	00:06:08	-----	278-	20-	169-	26744
K4 (104)	19/09/25	18:46:44	18:57:51	00:11:07	00:11:00	284-	28-	156-	26905
A7 (11)	19/09/25	18:48:39	19:01:08	00:03:17	-----	223-	44-	76-	13987
D6 (34)	19/09/25	18:50:09	19:03:27	00:02:18	-----	258-	83-	77-	3476
A6 (10)	19/09/25	18:54:13	19:06:45	00:03:18	-----	224-	45-	76-	13987
R2 (108)	19/09/25	18:57:04	19:09:26	00:02:40	-----	260-	68-	71-	28941
A2 (06)	19/09/25	18:59:38	19:12:17	00:02:51	-----	227-	49-	74-	13987
K7 (107)	19/09/25	19:00:22	19:08:16	00:04:01	-----	268-	12-	189-	26744
T3 (105)	19/09/25	19:07:33	19:15:17	00:07:01	-----	267-	11-	192-	26791
R3 (115)	19/09/25	19:11:02	19:23:11	00:07:53	-----	268-	59-	73-	27874
A1 (05)	19/09/25	19:17:11	19:30:01	00:06:49	-----	233-	58-	74-	13987
D8 (36)	19/09/25	19:20:55	19:34:14	00:04:13	-----	267-	74-	80-	3472
A4 (08)	19/09/25	19:25:21	19:38:16	00:04:02	-----	238-	65-	74-	13985
D3 (31)	19/09/25	19:30:01	19:43:16	00:05:00	-----	275-	71-	87-	3383
A3 (07)	19/09/25	19:34:44	19:47:40	00:04:23	-----	239-	68-	74-	13988
D2 (30)	19/09/25	19:46:02	19:59:17	00:11:37	-----	275-	71-	87-	3420

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
D4 (32)	19/09/25	19:50:44	20:04:00	00:04:42	-----	277-	72-	89-	3467
R1 (117)	19/09/25	19:51:56	20:04:11	00:00:10	-----	275-	55-	77-	27870
A8 (12)	19/09/25	19:55:27	20:08:28	00:04:16	-----	247-	81-	74-	13988
A5 (09)	19/09/25	20:01:56	20:14:56	00:06:28	-----	249-	83-	74-	13985
D7 (35)	19/09/25	20:02:43	20:16:00	00:01:02	-----	274-	71-	86-	3454
A7 (11)	19/09/25	20:33:21	20:46:23	00:13:02	00:17:21	258-	83-	77-	13988
D6 (34)	19/09/25	20:36:00	20:49:19	00:02:55	-----	280-	75-	94-	3477
A6 (10)	19/09/25	20:38:57	20:52:00	00:02:40	-----	259-	82-	77-	13988
R2 (108)	19/09/25	20:41:19	20:53:34	00:01:34	-----	284-	56-	87-	28942
A2 (06)	19/09/25	20:44:27	20:57:31	00:03:57	-----	261-	79-	78-	13988
R3 (115)	19/09/25	20:54:57	21:07:07	00:09:35	-----	288-	61-	94-	27875
A1 (05)	19/09/25	21:02:12	21:15:16	00:08:08	-----	265-	75-	80-	13988
D8 (36)	19/09/25	21:06:46	21:20:06	00:04:50	-----	284-	85-	103-	3473
A4 (08)	19/09/25	21:10:29	21:23:31	00:03:24	-----	268-	73-	81-	13986
D3 (31)	19/09/25	21:15:46	21:29:01	00:05:29	-----	286-	76-	116-	3384
A3 (07)	19/09/25	21:19:54	21:32:56	00:03:54	-----	269-	72-	82-	13989
S2 (113)	19/09/25	21:22:25	21:29:30	00:03:02	-----	166-	10-	96-	27842
B6 (18)	19/09/25	21:30:31	21:38:22	00:07:51	00:01:00	170-	11-	96-	10393
D2 (30)	19/09/25	21:31:48	21:45:03	00:06:41	-----	286-	78-	115-	3421
R1 (117)	19/09/25	21:36:03	21:48:25	00:03:21	-----	290-	71-	102-	27871
D4 (32)	19/09/25	21:36:31	21:49:45	00:01:20	-----	286-	71-	119-	3468
A8 (12)	19/09/25	21:40:45	21:53:46	00:04:00	-----	274-	71-	86-	13989
A5 (09)	19/09/25	21:47:15	22:00:15	00:06:29	-----	275-	71-	87-	13986
D7 (35)	19/09/25	21:48:29	22:01:45	00:01:29	-----	286-	79-	114-	3455
S3 (112)	19/09/25	21:55:44	22:05:32	00:03:47	-----	188-	18-	81-	27837
B7 (19)	19/09/25	22:09:31	22:20:12	00:10:41	00:03:58	192-	19-	83-	10393
B1 (13)	19/09/25	22:09:51	22:19:55	00:00:01	-----	186-	17-	85-	10299
A7 (11)	19/09/25	22:18:44	22:31:45	00:11:50	-----	280-	75-	94-	13989
B8 (20)	19/09/25	22:19:47	22:30:54	00:00:05	-----	197-	22-	81-	10406
D6 (34)	19/09/25	22:21:43	22:34:50	00:03:56	-----	286-	60-	126-	3478
A6 (10)	19/09/25	22:24:21	22:37:22	00:02:31	-----	280-	75-	95-	13989
R2 (108)	19/09/25	22:25:15	22:37:38	00:00:15	-----	291-	81-	118-	28943
G2 (04)	19/09/25	22:28:09	22:32:17	00:05:02	-----	77-	6-	120-	12510
B3 (15)	19/09/25	22:29:29	22:40:42	00:08:25	-----	198-	23-	80-	10411
A2 (06)	19/09/25	22:29:51	22:42:54	00:02:12	-----	281-	77-	97-	13989
S4 (119)	19/09/25	22:30:28	22:41:39	00:01:01	-----	204-	29-	74-	27754
S1 (116)	19/09/25	22:30:29	22:41:45	00:00:06	-----	205-	30-	74-	27755
R3 (115)	19/09/25	22:38:33	22:50:38	00:08:52	-----	290-	59-	129-	27876
B2 (14)	19/09/25	22:42:00	22:53:44	00:03:05	-----	205-	27-	78-	10393
A1 (05)	19/09/25	22:47:35	23:00:39	00:06:55	-----	283-	82-	101-	13989
D8 (36)	19/09/25	22:52:30	23:05:12	00:04:33	-----	285-	42-	139-	3474
B4 (16)	19/09/25	22:55:12	23:07:24	00:02:11	-----	210-	32-	77-	10411
A4 (08)	19/09/25	22:55:51	23:08:53	00:01:29	-----	284-	87-	105-	13987
D3 (31)	19/09/25	23:01:41	23:13:21	00:04:27	-----	280-	26-	157-	3385
S2 (113)	19/09/25	23:02:49	23:14:48	00:01:26	-----	221-	45-	71-	27843
A3 (07)	19/09/25	23:05:16	23:18:18	00:03:30	-----	285-	89-	106-	13990
B6 (18)	19/09/25	23:12:43	23:25:27	00:07:08	-----	222-	43-	75-	10394
D2 (30)	19/09/25	23:17:41	23:29:28	00:04:01	-----	281-	27-	155-	3422
R1 (117)	19/09/25	23:19:56	23:31:48	00:02:19	-----	288-	43-	140-	27872
D4 (32)	19/09/25	23:22:35	23:33:55	00:02:07	-----	279-	23-	161-	3469

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
A8 (12)	19/09/25	23:26:03	23:39:03	00:05:08	-----	286-	79-	114-	13990
A5 (09)	19/09/25	23:32:33	23:45:31	00:06:27	-----	286-	77-	115-	13987
D7 (35)	19/09/25	23:34:22	23:46:11	00:00:39	-----	281-	28-	155-	3456
S3 (112)	19/09/25	23:37:37	23:49:56	00:03:45	-----	235-	68-	69-	27838
B1 (13)	19/09/25	23:53:12	00:06:17	00:13:04	00:03:15	232-	57-	74-	10300
B7 (19)	19/09/25	23:53:13	00:06:23	00:00:05	-----	236-	63-	74-	10394
G2 (04)	19/09/26	00:03:15	00:15:52	00:09:28	-----	32-	55-	193-	12511
B8 (20)	19/09/26	00:03:45	00:16:57	00:01:05	-----	240-	68-	74-	10407
A7 (11)	19/09/26	00:04:00	00:16:47	00:00:09	-----	286-	58-	127-	13990
D6 (34)	19/09/26	00:08:00	00:18:23	00:01:36	-----	274-	18-	171-	3479
R2 (108)	19/09/26	00:09:26	00:20:00	00:01:36	-----	281-	23-	163-	28944
A6 (10)	19/09/26	00:09:35	00:22:22	00:02:22	-----	286-	57-	128-	13990
S4 (119)	19/09/26	00:13:15	00:25:41	00:03:18	-----	248-	88-	69-	27755
S1 (116)	19/09/26	00:13:20	00:25:46	00:00:05	-----	249-	86-	69-	27756
B3 (15)	19/09/26	00:13:31	00:26:44	00:00:58	-----	240-	70-	74-	10412
A2 (06)	19/09/26	00:15:06	00:27:50	00:01:05	-----	286-	53-	130-	13990
R3 (115)	19/09/26	00:22:54	00:31:47	00:03:57	-----	273-	15-	179-	27877
B2 (14)	19/09/26	00:26:21	00:39:38	00:07:50	-----	245-	77-	74-	10394
A1 (05)	19/09/26	00:32:50	00:45:22	00:05:44	-----	285-	44-	136-	13990
D8 (36)	19/09/26	00:39:38	00:47:20	00:01:57	-----	264-	10-	191-	3475
B4 (16)	19/09/26	00:39:52	00:53:11	00:05:50	-----	250-	85-	75-	10412
A4 (08)	19/09/26	00:41:08	00:53:24	00:00:13	-----	284-	39-	142-	13988
S2 (113)	19/09/26	00:46:18	00:58:41	00:05:16	-----	259-	69-	70-	27844
A3 (07)	19/09/26	00:50:33	01:02:45	00:04:03	-----	284-	36-	144-	13991
B6 (18)	19/09/26	00:57:50	01:11:10	00:08:24	-----	257-	84-	77-	10395
R1 (117)	19/09/26	01:05:26	01:11:54	00:00:43	-----	261-	9-	200-	27873
A8 (12)	19/09/26	01:11:28	01:23:04	00:11:10	-----	281-	28-	154-	13991
A5 (09)	19/09/26	01:18:00	01:29:25	00:06:20	-----	280-	26-	156-	13988
S3 (112)	19/09/26	01:21:32	01:33:51	00:04:25	-----	269-	58-	74-	27839
B1 (13)	19/09/26	01:38:40	01:52:01	00:13:20	00:04:49	265-	76-	80-	10301
B7 (19)	19/09/26	01:38:47	01:52:06	00:00:05	-----	267-	74-	81-	10395
G2 (04)	19/09/26	01:42:04	01:53:19	00:01:12	-----	12-	26-	250-	12512
B8 (20)	19/09/26	01:49:24	02:02:41	00:09:22	-----	270-	73-	83-	10408
A7 (11)	19/09/26	01:49:49	01:59:48	00:02:05	-----	274-	17-	172-	13991
A6 (10)	19/09/26	01:55:28	02:05:18	00:05:29	-----	273-	17-	174-	13991
S4 (119)	19/09/26	01:57:25	02:09:41	00:04:22	-----	277-	54-	79-	27756
S1 (116)	19/09/26	01:57:31	02:09:47	00:00:05	-----	278-	54-	80-	27757
B3 (15)	19/09/26	01:59:10	02:12:29	00:02:42	-----	270-	72-	83-	10413
A2 (06)	19/09/26	02:01:06	02:10:31	00:01:05	-----	271-	15-	178-	13991
B2 (14)	19/09/26	02:12:06	02:25:24	00:13:17	00:01:35	273-	72-	85-	10395
A1 (05)	19/09/26	02:19:18	02:27:21	00:01:57	-----	265-	11-	188-	13991
B4 (16)	19/09/26	02:25:40	02:38:58	00:11:36	-----	276-	72-	88-	10413
A4 (08)	19/09/26	02:28:06	02:34:40	00:04:01	-----	260-	9-	197-	13989
S2 (113)	19/09/26	02:30:32	02:42:49	00:08:08	-----	284-	55-	86-	27845
A3 (07)	19/09/26	02:37:46	02:43:43	00:00:53	-----	257-	8-	201-	13992
B6 (18)	19/09/26	02:43:41	02:57:01	00:13:18	-----	280-	75-	94-	10396
S3 (112)	19/09/26	03:05:44	03:18:04	00:12:20	00:08:42	288-	62-	95-	27840
C3 (23)	19/09/26	03:17:25	03:25:15	00:07:10	-----	170-	11-	96-	9719
G2 (04)	19/09/26	03:23:17	03:25:45	00:00:29	-----	340-	6-	317-	12513
B1 (13)	19/09/26	03:24:32	03:37:53	00:12:08	-----	283-	82-	101-	10302

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
B7 (19)	19/09/26	03:24:38	03:37:58	00:00:04	-----	284-	86-	104-	10396
T1 (118)	19/09/26	03:27:50	03:35:41	00:02:01	-----	172-	12-	92-	27638
C1 (21)	19/09/26	03:33:45	03:43:26	00:07:45	-----	184-	15-	87-	9703
B8 (20)	19/09/26	03:35:13	03:48:31	00:05:05	-----	285-	90-	107-	10409
S4 (119)	19/09/26	03:41:30	03:53:54	00:05:22	-----	291-	76-	106-	27757
S1 (116)	19/09/26	03:41:35	03:54:00	00:00:05	-----	291-	77-	106-	27758
B3 (15)	19/09/26	03:44:59	03:58:19	00:04:19	-----	285-	89-	108-	10414
B2 (14)	19/09/26	03:57:53	04:11:11	00:12:52	-----	286-	83-	112-	10396
T2 (110)	19/09/26	04:00:39	04:10:49	00:00:02	-----	192-	20-	79-	27722
B4 (16)	19/09/26	04:11:24	04:24:39	00:13:15	00:00:35	286-	74-	117-	10414
S2 (113)	19/09/26	04:14:29	04:26:53	00:02:13	-----	291-	82-	118-	27846
C7 (27)	19/09/26	04:22:30	04:34:20	00:07:26	-----	205-	28-	77-	9748
B6 (18)	19/09/26	04:29:24	04:42:32	00:08:11	-----	286-	60-	125-	10397
T4 (114)	19/09/26	04:34:53	04:46:14	00:03:42	-----	207-	32-	73-	27725
S3 (112)	19/09/26	04:49:37	05:01:48	00:12:11	00:03:22	290-	57-	131-	27841
C3 (23)	19/09/26	04:59:37	05:12:20	00:10:31	-----	222-	43-	75-	9720
T1 (118)	19/09/26	05:08:39	05:20:43	00:08:23	-----	225-	50-	70-	27639
B1 (13)	19/09/26	05:10:16	05:23:06	00:02:22	-----	285-	46-	135-	10303
B7 (19)	19/09/26	05:10:22	05:23:00	00:00:05	-----	284-	40-	140-	10397
C1 (21)	19/09/26	05:16:55	05:29:54	00:06:53	-----	230-	54-	74-	9704
B8 (20)	19/09/26	05:21:00	05:33:24	00:03:30	-----	283-	36-	144-	10410
S4 (119)	19/09/26	05:25:26	05:37:07	00:03:42	-----	287-	38-	145-	27758
S1 (116)	19/09/26	05:25:31	05:37:09	00:00:01	-----	287-	36-	146-	27759
B3 (15)	19/09/26	05:30:45	05:43:09	00:06:00	-----	283-	36-	145-	10415
T2 (110)	19/09/26	05:42:45	05:55:06	00:11:57	-----	238-	74-	69-	27723
B2 (14)	19/09/26	05:43:43	05:55:47	00:00:41	-----	282-	30-	151-	10397
B4 (16)	19/09/26	05:57:20	06:08:52	00:11:32	00:01:32	280-	25-	159-	10415
S2 (113)	19/09/26	05:58:39	06:09:21	00:00:28	-----	282-	24-	162-	27847
C7 (27)	19/09/26	06:06:57	06:20:13	00:10:52	-----	247-	80-	74-	9749
B6 (18)	19/09/26	06:15:39	06:26:06	00:05:53	-----	275-	18-	170-	10398
T4 (114)	19/09/26	06:17:49	06:30:14	00:04:07	-----	250-	83-	69-	27726
S3 (112)	19/09/26	06:34:20	06:43:05	00:08:44	00:04:06	272-	14-	181-	27842
C3 (23)	19/09/26	06:44:45	06:58:04	00:13:18	00:01:40	257-	84-	76-	9721
T1 (118)	19/09/26	06:52:15	07:04:36	00:06:32	-----	262-	66-	71-	27640
B1 (13)	19/09/26	06:57:07	07:05:36	00:01:00	-----	266-	12-	186-	10304
B7 (19)	19/09/26	06:57:37	07:04:56	00:00:03	-----	261-	10-	195-	10398
C1 (21)	19/09/26	07:02:19	07:15:36	00:10:39	-----	263-	77-	79-	9705
B8 (20)	19/09/26	07:08:43	07:14:42	00:00:05	-----	255-	8-	204-	10411
S4 (119)	19/09/26	07:11:31	07:16:30	00:01:47	-----	254-	7-	210-	27759
S1 (116)	19/09/26	07:11:50	07:16:15	00:00:01	-----	251-	7-	214-	27760
B3 (15)	19/09/26	07:18:36	07:24:18	00:05:41	00:02:21	254-	8-	206-	10416
T2 (110)	19/09/26	07:26:45	07:39:02	00:12:17	00:02:26	271-	57-	75-	27724
C7 (27)	19/09/26	07:52:43	08:06:00	00:13:15	00:13:41	274-	71-	86-	9750
T4 (114)	19/09/26	08:02:01	08:14:15	00:08:15	-----	279-	54-	80-	27727
G2 (04)	19/09/26	08:07:58	08:15:55	00:01:39	-----	79-	12-	1-	12516
K6 (106)	19/09/26	08:10:20	08:20:38	00:04:43	-----	197-	24-	77-	27694
C3 (23)	19/09/26	08:30:37	08:43:55	00:13:17	00:09:59	280-	75-	94-	9722
T1 (118)	19/09/26	08:36:29	08:48:46	00:04:51	-----	285-	56-	88-	27641
C1 (21)	19/09/26	08:48:10	09:01:28	00:12:41	-----	282-	80-	99-	9706
T2 (110)	19/09/26	09:10:55	09:23:16	00:12:21	00:09:26	289-	65-	98-	27725

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
K7 (107)	19/09/26	09:25:34	09:33:40	00:08:06	00:02:17	174-	12-	90-	26753
C7 (27)	19/09/26	09:38:30	09:51:46	00:13:15	00:04:49	286-	80-	113-	9751
T3 (105)	19/09/26	09:38:56	09:48:43	00:03:02	-----	184-	17-	83-	26800
G2 (04)	19/09/26	09:43:09	09:55:37	00:06:54	-----	136-	55-	340-	12517
T4 (114)	19/09/26	09:46:04	09:58:27	00:02:50	-----	291-	80-	108-	27728
K6 (106)	19/09/26	09:52:07	10:04:03	00:05:35	-----	243-	84-	68-	27695
K3 (103)	19/09/26	09:59:48	10:10:05	00:06:01	-----	194-	21-	79-	26754
C3 (23)	19/09/26	10:16:21	10:29:27	00:13:05	00:06:16	286-	60-	125-	9723
T1 (118)	19/09/26	10:20:25	10:32:47	00:03:19	-----	291-	76-	120-	27642
K9 (109)	19/09/26	10:33:01	10:44:32	00:11:30	00:00:14	211-	35-	73-	26754
C1 (21)	19/09/26	10:33:53	10:46:45	00:02:12	-----	285-	48-	133-	9707
T2 (110)	19/09/26	10:54:47	11:06:54	00:12:06	00:08:02	290-	52-	134-	27726
K4 (104)	19/09/26	10:55:55	11:06:39	00:00:01	-----	198-	25-	76-	26915
K7 (107)	19/09/26	11:06:30	11:18:35	00:11:56	-----	226-	52-	70-	26754
T3 (105)	19/09/26	11:21:23	11:34:06	00:12:42	00:02:47	232-	63-	69-	26801
G2 (04)	19/09/26	11:22:36	11:33:33	00:00:03	-----	194-	23-	314-	12518
C7 (27)	19/09/26	11:24:22	11:36:16	00:02:42	-----	281-	29-	153-	9752
T4 (114)	19/09/26	11:30:01	11:41:32	00:05:15	-----	286-	34-	148-	27729
K6 (106)	19/09/26	11:35:31	11:47:15	00:05:43	-----	275-	53-	76-	27696
K3 (103)	19/09/26	11:42:00	11:54:20	00:07:04	-----	239-	76-	69-	26755
C3 (23)	19/09/26	12:02:36	12:13:01	00:10:24	00:08:16	274-	18-	170-	9724
T1 (118)	19/09/26	12:04:40	12:15:00	00:01:58	-----	280-	21-	165-	27643
K9 (109)	19/09/26	12:16:06	12:28:29	00:12:23	00:01:06	253-	79-	69-	26755
C1 (21)	19/09/26	12:20:35	12:29:30	00:01:00	-----	268-	13-	183-	9708
K4 (104)	19/09/26	12:38:33	12:50:52	00:12:18	00:09:03	244-	86-	69-	26916
T2 (110)	19/09/26	12:39:42	12:47:52	00:03:00	-----	269-	12-	186-	27727
K7 (107)	19/09/26	12:50:08	13:02:28	00:12:19	00:02:16	263-	65-	71-	26755
T3 (105)	19/09/26	13:06:05	13:18:51	00:12:46	00:03:36	267-	61-	73-	26802
K6 (106)	19/09/26	13:18:56	13:30:45	00:11:49	00:00:04	290-	67-	101-	27697
K3 (103)	19/09/26	13:26:00	13:38:15	00:07:29	-----	272-	56-	75-	26756
K9 (109)	19/09/26	14:00:19	14:12:32	00:12:13	00:22:03	280-	54-	82-	26756
K4 (104)	19/09/26	14:22:45	14:34:56	00:12:11	00:10:12	275-	55-	77-	26917
K7 (107)	19/09/26	14:34:22	14:46:38	00:11:41	-----	285-	57-	89-	26756
R3 (115)	19/09/26	14:47:19	14:53:20	00:06:00	00:00:40	161-	8-	103-	27886
D6 (34)	19/09/26	14:48:45	14:55:14	00:01:54	-----	163-	9-	103-	3488
T3 (105)	19/09/26	14:51:09	15:03:56	00:08:41	-----	287-	62-	94-	26803
K6 (106)	19/09/26	15:02:06	15:13:30	00:09:34	-----	288-	44-	139-	27698
K3 (103)	19/09/26	15:10:09	15:22:29	00:08:59	-----	289-	65-	98-	26757
D8 (36)	19/09/26	15:17:20	15:27:09	00:04:39	-----	185-	16-	89-	3484
D3 (31)	19/09/26	15:24:58	15:36:37	00:09:28	-----	202-	27-	79-	3395
R1 (117)	19/09/26	15:29:22	15:38:28	00:01:50	-----	182-	15-	85-	27882
D2 (30)	19/09/26	15:41:04	15:52:36	00:11:32	00:02:36	201-	26-	79-	3432
K9 (109)	19/09/26	15:44:20	15:56:43	00:04:06	-----	291-	84-	110-	26757
D4 (32)	19/09/26	15:46:05	15:58:04	00:01:20	-----	207-	30-	78-	3479
D7 (35)	19/09/26	15:57:45	16:09:17	00:11:12	-----	202-	25-	80-	3466
K4 (104)	19/09/26	16:06:56	16:19:18	00:10:01	-----	290-	71-	103-	26918
R2 (108)	19/09/26	16:17:07	16:28:20	00:09:01	-----	205-	30-	74-	28954
K7 (107)	19/09/26	16:18:18	16:30:38	00:02:17	-----	291-	74-	121-	26757
R3 (115)	19/09/26	16:26:59	16:38:40	00:08:02	-----	218-	41-	72-	27887
A7 (11)	19/09/26	16:27:00	16:32:26	00:06:01	-----	154-	8-	103-	14000

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
D6 (34)	19/09/26	16:30:17	16:42:46	00:10:20	-----	218-	38-	76-	3489
A6 (10)	19/09/26	16:32:17	16:38:14	00:04:03	-----	158-	8-	102-	14000
T3 (105)	19/09/26	16:35:54	16:48:37	00:10:22	-----	291-	62-	128-	26804
A2 (06)	19/09/26	16:37:11	16:44:09	00:04:02	-----	166-	9-	101-	14000
K6 (106)	19/09/26	16:46:46	16:53:07	00:06:20	00:02:37	261-	9-	198-	27699
A1 (05)	19/09/26	16:53:51	17:02:30	00:08:38	00:00:44	177-	13-	91-	14000
K3 (103)	19/09/26	16:54:02	17:06:05	00:03:34	-----	290-	50-	135-	26758
D8 (36)	19/09/26	17:00:34	17:13:35	00:07:29	-----	231-	55-	74-	3485
A4 (08)	19/09/26	17:01:26	17:11:02	00:02:03	-----	184-	16-	90-	13998
D3 (31)	19/09/26	17:09:18	17:22:32	00:11:29	-----	245-	77-	74-	3396
A3 (07)	19/09/26	17:10:41	17:20:34	00:01:05	-----	187-	17-	88-	14001
R1 (117)	19/09/26	17:10:51	17:23:04	00:02:30	-----	231-	60-	69-	27883
D2 (30)	19/09/26	17:25:20	17:38:32	00:13:12	00:02:16	244-	76-	74-	3433
K9 (109)	19/09/26	17:28:19	17:39:40	00:01:07	-----	285-	31-	151-	26758
A8 (12)	19/09/26	17:30:38	17:41:40	00:02:00	-----	199-	23-	80-	14001
D4 (32)	19/09/26	17:30:42	17:43:58	00:02:17	-----	248-	83-	74-	3480
A5 (09)	19/09/26	17:37:01	17:48:12	00:04:14	-----	199-	24-	81-	13998
D7 (35)	19/09/26	17:42:00	17:55:13	00:07:00	-----	244-	75-	74-	3467
K4 (104)	19/09/26	17:50:55	18:02:48	00:07:35	-----	288-	42-	141-	26919
R2 (108)	19/09/26	17:59:57	18:12:21	00:09:32	-----	249-	86-	69-	28955
K7 (107)	19/09/26	18:02:35	18:12:44	00:00:23	-----	279-	20-	167-	26758
A7 (11)	19/09/26	18:07:42	18:19:51	00:07:07	-----	215-	35-	77-	14001
R3 (115)	19/09/26	18:10:03	18:22:18	00:02:26	-----	257-	72-	70-	27888
A6 (10)	19/09/26	18:13:14	18:25:27	00:03:09	-----	217-	37-	77-	14001
D6 (34)	19/09/26	18:15:14	18:28:32	00:03:05	-----	254-	88-	76-	3490
A2 (06)	19/09/26	18:18:36	18:30:59	00:02:26	-----	220-	40-	75-	14001
T3 (105)	19/09/26	18:21:19	18:31:00	00:00:01	-----	275-	16-	176-	26805
A1 (05)	19/09/26	18:36:08	18:48:46	00:12:37	00:05:07	226-	48-	74-	14001
K3 (103)	19/09/26	18:39:02	18:46:56	00:01:04	-----	268-	12-	189-	26759
A4 (08)	19/09/26	18:44:12	18:57:00	00:10:03	-----	231-	54-	75-	13999
D8 (36)	19/09/26	18:46:00	18:59:18	00:02:19	-----	264-	76-	79-	3486
A3 (07)	19/09/26	18:53:37	19:06:25	00:07:07	-----	233-	57-	74-	14002
R1 (117)	19/09/26	18:54:38	19:06:56	00:00:30	-----	266-	61-	73-	27884
D3 (31)	19/09/26	18:55:03	19:08:18	00:01:21	-----	273-	71-	85-	3397
D2 (30)	19/09/26	19:11:03	19:24:19	00:13:15	00:02:45	272-	71-	84-	3434
A8 (12)	19/09/26	19:14:15	19:27:13	00:02:54	-----	241-	70-	74-	14002
D4 (32)	19/09/26	19:16:33	19:29:49	00:02:36	-----	275-	71-	87-	3481
A5 (09)	19/09/26	19:20:44	19:33:41	00:03:51	-----	243-	73-	74-	13999
D7 (35)	19/09/26	19:27:43	19:40:58	00:07:17	-----	272-	71-	84-	3468
K4 (104)	19/09/26	19:36:31	19:43:01	00:02:02	-----	261-	9-	200-	26920
R2 (108)	19/09/26	19:44:07	19:56:21	00:12:14	00:01:06	278-	54-	80-	28956
A7 (11)	19/09/26	19:52:07	20:05:09	00:08:47	-----	253-	90-	75-	14002
R3 (115)	19/09/26	19:54:00	20:06:07	00:00:57	-----	283-	54-	85-	27889
A6 (10)	19/09/26	19:57:41	20:10:44	00:04:37	-----	254-	89-	75-	14002
D6 (34)	19/09/26	20:01:05	20:14:22	00:03:38	-----	278-	73-	91-	3491
A2 (06)	19/09/26	20:03:10	20:16:15	00:01:52	-----	256-	86-	76-	14002
A1 (05)	19/09/26	20:20:56	20:34:00	00:13:03	00:04:41	261-	80-	78-	14002
A4 (08)	19/09/26	20:29:10	20:42:13	00:08:12	-----	264-	76-	79-	14000
D8 (36)	19/09/26	20:31:51	20:45:11	00:02:58	-----	283-	80-	100-	3487
A3 (07)	19/09/26	20:38:37	20:51:40	00:06:28	-----	265-	75-	79-	14003

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
R1 (117)	19/09/26	20:38:51	20:51:08	00:00:03	-----	287-	59-	92-	27885
D3 (31)	19/09/26	20:40:50	20:54:06	00:02:58	-----	286-	83-	112-	3398
B6 (18)	19/09/26	20:56:26	21:02:44	00:06:18	00:02:19	162-	8-	105-	10407
D2 (30)	19/09/26	20:56:51	21:10:08	00:07:23	-----	286-	85-	111-	3435
A8 (12)	19/09/26	20:59:28	21:12:29	00:02:21	-----	270-	72-	83-	14003
S3 (112)	19/09/26	21:00:27	21:07:34	00:04:05	-----	167-	10-	96-	27851
D4 (32)	19/09/26	21:02:22	21:15:38	00:08:04	-----	286-	78-	115-	3482
A5 (09)	19/09/26	21:05:58	21:18:57	00:03:19	-----	271-	71-	83-	14000
D7 (35)	19/09/26	21:13:31	21:26:47	00:07:49	-----	285-	85-	110-	3469
R2 (108)	19/09/26	21:28:11	21:40:34	00:12:23	00:01:23	291-	77-	106-	28957
S1 (116)	19/09/26	21:34:26	21:44:20	00:03:45	-----	189-	19-	81-	27769
S4 (119)	19/09/26	21:34:28	21:44:13	00:00:07	-----	188-	18-	82-	27768
B7 (19)	19/09/26	21:35:00	21:44:59	00:00:45	-----	186-	16-	86-	10407
B1 (13)	19/09/26	21:35:31	21:44:44	00:00:01	-----	179-	14-	89-	10313
A7 (11)	19/09/26	21:37:29	21:50:30	00:05:45	-----	277-	72-	90-	14003
R3 (115)	19/09/26	21:37:41	21:49:57	00:00:03	-----	291-	87-	115-	27890
A6 (10)	19/09/26	21:43:04	21:56:05	00:06:07	-----	278-	72-	90-	14003
B8 (20)	19/09/26	21:45:12	21:55:43	00:00:02	-----	191-	19-	83-	10420
D6 (34)	19/09/26	21:46:49	22:00:00	00:04:17	-----	286-	67-	121-	3492
A2 (06)	19/09/26	21:48:33	22:01:36	00:01:35	-----	279-	73-	92-	14003
B3 (15)	19/09/26	21:54:51	22:05:29	00:03:53	-----	192-	19-	83-	10425
A1 (05)	19/09/26	22:06:20	22:19:23	00:13:03	00:00:50	281-	76-	96-	14003
S2 (113)	19/09/26	22:06:23	22:17:35	00:01:04	-----	204-	29-	74-	27857
B2 (14)	19/09/26	22:07:17	22:18:33	00:00:58	-----	199-	23-	80-	10407
A4 (08)	19/09/26	22:14:34	22:27:36	00:09:02	-----	283-	80-	99-	14001
D8 (36)	19/09/26	22:17:34	22:30:27	00:02:51	-----	286-	48-	135-	3488
B4 (16)	19/09/26	22:20:13	22:32:02	00:01:34	-----	204-	28-	79-	10425
R1 (117)	19/09/26	22:22:44	22:35:00	00:02:57	-----	291-	65-	126-	27886
A3 (07)	19/09/26	22:24:00	22:37:03	00:02:03	-----	283-	82-	101-	14004
D3 (31)	19/09/26	22:26:40	22:38:42	00:01:39	-----	282-	30-	151-	3399
B6 (18)	19/09/26	22:37:51	22:50:21	00:11:38	-----	217-	37-	76-	10408
S3 (112)	19/09/26	22:40:52	22:52:51	00:02:29	-----	221-	45-	71-	27852
D2 (30)	19/09/26	22:42:39	22:54:48	00:01:56	-----	282-	32-	150-	3436
A8 (12)	19/09/26	22:44:48	22:57:50	00:03:02	-----	285-	89-	108-	14004
D4 (32)	19/09/26	22:48:19	23:00:04	00:02:14	-----	281-	27-	156-	3483
A5 (09)	19/09/26	22:51:18	23:04:18	00:04:13	-----	285-	87-	109-	14001
D7 (35)	19/09/26	22:59:19	23:11:29	00:07:10	-----	283-	32-	149-	3470
R2 (108)	19/09/26	23:12:07	23:23:45	00:11:37	00:00:38	287-	36-	146-	28958
S4 (119)	19/09/26	23:16:18	23:28:38	00:04:53	-----	235-	68-	69-	27769
S1 (116)	19/09/26	23:16:22	23:28:43	00:00:04	-----	236-	70-	69-	27770
B7 (19)	19/09/26	23:18:18	23:31:21	00:02:38	-----	232-	56-	74-	10408
B1 (13)	19/09/26	23:18:24	23:31:21	00:00:00	-----	228-	50-	74-	10314
R3 (115)	19/09/26	23:21:30	23:32:18	00:00:56	-----	283-	26-	157-	27891
A7 (11)	19/09/26	23:22:46	23:35:41	00:03:23	-----	286-	69-	120-	14004
A6 (10)	19/09/26	23:28:20	23:41:14	00:05:33	-----	286-	68-	121-	14004
B8 (20)	19/09/26	23:28:49	23:41:56	00:00:41	-----	235-	61-	74-	10421
D6 (34)	19/09/26	23:32:54	23:43:54	00:01:58	-----	277-	21-	164-	3493
A2 (06)	19/09/26	23:33:49	23:46:43	00:02:48	-----	286-	63-	123-	14004
G2 (04)	19/09/26	23:34:55	23:46:32	00:00:01	-----	40-	29-	172-	12525
B3 (15)	19/09/26	23:38:32	23:51:41	00:05:08	-----	236-	62-	74-	10426

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
S2 (113)	19/09/26	23:49:11	00:01:37	00:09:55	-----	248-	87-	69-	27858
B2 (14)	19/09/26	23:51:21	00:04:34	00:02:57	-----	241-	70-	74-	10408
A1 (05)	19/09/26	23:51:35	00:04:21	00:00:01	-----	286-	54-	129-	14004
A4 (08)	19/09/26	23:59:49	00:12:23	00:08:02	-----	285-	47-	134-	14002
D8 (36)	19/09/27	00:04:18	00:13:10	00:00:46	-----	269-	13-	183-	3489
B4 (16)	19/09/27	00:04:37	00:17:54	00:04:43	-----	246-	79-	74-	10426
R1 (117)	19/09/27	00:07:13	00:16:42	00:01:01	-----	276-	17-	175-	27887
A3 (07)	19/09/27	00:09:15	00:21:47	00:05:05	-----	285-	45-	136-	14005
D3 (31)	19/09/27	00:15:56	00:18:14	00:03:03	-----	244-	5-	218-	3400
B6 (18)	19/09/27	00:22:46	00:36:06	00:13:20	00:04:32	254-	89-	75-	10409
S3 (112)	19/09/27	00:24:21	00:36:44	00:00:37	-----	259-	69-	70-	27853
A8 (12)	19/09/27	00:30:07	00:42:12	00:05:27	-----	283-	34-	145-	14005
D2 (30)	19/09/27	00:31:25	00:34:53	00:07:01	-----	248-	6-	213-	3437
A5 (09)	19/09/27	00:36:37	00:48:35	00:11:58	00:01:44	283-	33-	148-	14002
D7 (35)	19/09/27	00:47:56	00:51:43	00:03:08	-----	250-	6-	211-	3471
R2 (108)	19/09/27	00:58:23	01:02:53	00:04:29	00:06:40	251-	7-	214-	28959
S4 (119)	19/09/27	01:00:13	01:12:32	00:09:38	-----	269-	59-	74-	27770
S1 (116)	19/09/27	01:00:18	01:12:37	00:00:05	-----	270-	58-	74-	27771
B1 (13)	19/09/27	01:03:44	01:17:05	00:04:27	-----	261-	79-	78-	10315
B7 (19)	19/09/27	01:03:44	01:17:04	00:00:00	-----	264-	76-	79-	10409
A7 (11)	19/09/27	01:08:20	01:19:14	00:02:10	-----	278-	22-	163-	14005
G2 (04)	19/09/27	01:13:06	01:25:26	00:06:11	-----	18-	45-	231-	12526
A6 (10)	19/09/27	01:13:56	01:24:44	00:00:04	-----	277-	21-	164-	14005
B8 (20)	19/09/27	01:14:21	01:27:39	00:02:55	-----	267-	74-	81-	10422
A2 (06)	19/09/27	01:19:30	01:29:59	00:02:19	-----	276-	19-	167-	14005
B3 (15)	19/09/27	01:24:05	01:37:24	00:07:25	-----	267-	74-	81-	10427
S2 (113)	19/09/27	01:33:20	01:45:37	00:08:12	-----	277-	54-	79-	27859
B2 (14)	19/09/27	01:37:00	01:50:19	00:04:41	-----	270-	72-	83-	10409
A1 (05)	19/09/27	01:37:33	01:47:04	00:03:01	-----	271-	15-	176-	14005
A4 (08)	19/09/27	01:46:05	01:54:35	00:07:31	-----	268-	13-	184-	14003
B4 (16)	19/09/27	01:50:21	02:03:39	00:09:03	-----	273-	72-	86-	10427
A3 (07)	19/09/27	01:55:41	02:03:47	00:00:08	-----	266-	12-	187-	14006
S3 (112)	19/09/27	02:08:36	02:20:52	00:12:16	00:04:48	284-	55-	86-	27854
B6 (18)	19/09/27	02:08:36	02:21:56	00:01:03	-----	278-	73-	91-	10410
A8 (12)	19/09/27	02:17:39	02:22:44	00:00:48	-----	251-	7-	209-	14006
A5 (09)	19/09/27	02:24:31	02:28:43	00:04:11	00:01:47	250-	6-	211-	14003
C3 (23)	19/09/27	02:43:30	02:49:48	00:06:18	00:14:46	162-	8-	104-	9733
S4 (119)	19/09/27	02:44:25	02:56:45	00:06:57	-----	288-	62-	95-	27771
S1 (116)	19/09/27	02:44:30	02:56:51	00:00:05	-----	288-	63-	96-	27772
B7 (19)	19/09/27	02:49:36	03:02:56	00:06:05	-----	283-	81-	101-	10410
B1 (13)	19/09/27	02:49:36	03:02:57	00:00:01	-----	282-	78-	98-	10316
G2 (04)	19/09/27	02:53:05	03:00:05	00:02:05	-----	357-	10-	292-	12527
C1 (21)	19/09/27	02:59:23	03:08:07	00:08:01	-----	176-	13-	91-	9717
B8 (20)	19/09/27	03:00:12	03:13:30	00:05:23	-----	284-	85-	103-	10423
T2 (110)	19/09/27	03:05:09	03:12:58	00:00:03	-----	172-	12-	92-	27736
B3 (15)	19/09/27	03:09:55	03:23:15	00:10:17	-----	284-	85-	104-	10428
S2 (113)	19/09/27	03:17:25	03:29:50	00:06:34	-----	291-	76-	106-	27860
B2 (14)	19/09/27	03:22:49	03:36:08	00:06:18	-----	285-	89-	108-	10410
B4 (16)	19/09/27	03:36:07	03:49:25	00:13:16	-----	286-	81-	113-	10428
T4 (114)	19/09/27	03:38:45	03:48:52	00:00:03	-----	192-	20-	80-	27739

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
C7 (27)	19/09/27	03:47:50	03:59:16	00:10:23	-----	201-	24-	79-	9762
S3 (112)	19/09/27	03:52:33	04:04:56	00:05:40	-----	291-	82-	118-	27855
B6 (18)	19/09/27	03:54:21	04:07:33	00:02:36	-----	286-	67-	121-	10411
T1 (118)	19/09/27	04:12:09	04:23:32	00:11:23	00:04:35	208-	32-	73-	27653
C3 (23)	19/09/27	04:24:56	04:37:25	00:12:28	00:01:24	217-	37-	76-	9734
S4 (119)	19/09/27	04:28:18	04:40:30	00:03:05	-----	290-	58-	130-	27772
S1 (116)	19/09/27	04:28:23	04:40:33	00:00:03	-----	290-	56-	131-	27773
B7 (19)	19/09/27	04:35:19	04:48:09	00:07:35	-----	285-	46-	135-	10411
B1 (13)	19/09/27	04:35:20	04:48:19	00:00:10	-----	286-	52-	131-	10317
C1 (21)	19/09/27	04:42:02	04:54:52	00:06:32	-----	226-	47-	74-	9718
B8 (20)	19/09/27	04:45:56	04:58:36	00:03:43	-----	285-	42-	139-	10424
T2 (110)	19/09/27	04:45:57	04:58:01	00:00:03	-----	225-	50-	70-	27737
B3 (15)	19/09/27	04:55:39	05:08:18	00:10:17	-----	284-	41-	139-	10429
S2 (113)	19/09/27	05:01:21	05:13:02	00:04:44	-----	287-	37-	145-	27861
B2 (14)	19/09/27	05:08:36	05:20:58	00:07:55	-----	283-	35-	145-	10411
T4 (114)	19/09/27	05:20:50	05:33:10	00:12:12	-----	238-	73-	69-	27740
B4 (16)	19/09/27	05:21:57	05:33:55	00:00:44	-----	282-	29-	153-	10429
C7 (27)	19/09/27	05:32:01	05:45:14	00:11:19	-----	242-	73-	74-	9763
S3 (112)	19/09/27	05:36:43	05:47:23	00:02:09	-----	282-	24-	162-	27856
B6 (18)	19/09/27	05:40:25	05:51:30	00:04:06	-----	277-	22-	164-	10412
T1 (118)	19/09/27	05:55:07	06:07:31	00:12:24	00:03:36	251-	82-	69-	27654
C3 (23)	19/09/27	06:09:52	06:23:11	00:13:18	00:02:20	254-	89-	75-	9735
S4 (119)	19/09/27	06:13:00	06:21:49	00:01:02	-----	273-	14-	181-	27773
S1 (116)	19/09/27	06:13:09	06:21:44	00:00:04	-----	271-	14-	183-	27774
B1 (13)	19/09/27	06:21:52	06:31:22	00:09:30	00:00:07	271-	15-	178-	10318
B7 (19)	19/09/27	06:22:08	06:30:43	00:00:03	-----	267-	12-	186-	10412
C1 (21)	19/09/27	06:27:17	06:40:35	00:09:51	-----	260-	81-	77-	9719
T2 (110)	19/09/27	06:29:33	06:41:54	00:01:19	-----	262-	66-	71-	27738
B8 (20)	19/09/27	06:33:04	06:40:41	00:01:01	-----	262-	10-	193-	10425
B3 (15)	19/09/27	06:42:52	06:50:17	00:07:25	00:02:10	261-	10-	195-	10430
S2 (113)	19/09/27	06:47:28	06:52:22	00:02:04	-----	253-	7-	210-	27862
B2 (14)	19/09/27	06:56:31	07:02:01	00:05:29	00:04:09	253-	7-	207-	10412
T4 (114)	19/09/27	07:04:48	07:17:05	00:12:16	00:02:47	271-	57-	75-	27741
K6 (106)	19/09/27	07:05:32	07:13:18	00:03:04	-----	174-	12-	91-	27708
C7 (27)	19/09/27	07:17:43	07:31:00	00:13:15	00:04:24	271-	72-	84-	9764
T1 (118)	19/09/27	07:39:19	07:51:33	00:12:14	00:08:19	279-	54-	81-	27655
G2 (04)	19/09/27	07:41:38	07:46:06	00:05:02	-----	55-	7-	11-	12530
C3 (23)	19/09/27	07:55:44	08:09:01	00:13:17	00:09:37	278-	73-	91-	9736
C1 (21)	19/09/27	08:13:09	08:26:26	00:13:17	00:04:08	281-	77-	96-	9720
T2 (110)	19/09/27	08:13:47	08:26:03	00:00:02	-----	285-	56-	88-	27739
K6 (106)	19/09/27	08:45:50	08:57:30	00:11:40	00:19:46	226-	52-	70-	27709
T4 (114)	19/09/27	08:48:59	09:01:19	00:03:48	-----	289-	64-	97-	27742
T3 (105)	19/09/27	08:54:34	09:02:30	00:01:11	-----	170-	11-	93-	26814
C7 (27)	19/09/27	09:03:32	09:16:48	00:13:16	00:01:01	285-	87-	109-	9765
K3 (103)	19/09/27	09:04:13	09:12:18	00:04:02	-----	174-	12-	90-	26768
G2 (04)	19/09/27	09:15:07	09:26:43	00:11:36	00:02:48	118-	31-	346-	12531
T1 (118)	19/09/27	09:23:21	09:35:46	00:09:02	-----	291-	80-	108-	27656
K9 (109)	19/09/27	09:36:49	09:47:13	00:10:23	00:01:03	193-	22-	78-	26768
C3 (23)	19/09/27	09:41:28	09:54:39	00:07:26	-----	286-	67-	121-	9737
T2 (110)	19/09/27	09:57:42	10:10:04	00:12:22	00:03:03	291-	76-	120-	27740

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
C1 (21)	19/09/27	09:58:52	10:11:52	00:01:47	-----	286-	55-	129-	9721
K4 (104)	19/09/27	10:01:24	10:10:31	00:01:02	-----	183-	15-	84-	26929
K7 (107)	19/09/27	10:09:59	10:21:26	00:10:55	-----	209-	33-	73-	26768
K6 (106)	19/09/27	10:28:47	10:40:38	00:11:51	00:07:21	263-	63-	71-	27710
T4 (114)	19/09/27	10:32:52	10:44:58	00:04:19	-----	290-	53-	133-	27743
T3 (105)	19/09/27	10:36:02	10:48:29	00:03:31	-----	223-	48-	70-	26815
K3 (103)	19/09/27	10:45:09	10:57:14	00:08:45	-----	226-	52-	70-	26769
C7 (27)	19/09/27	10:49:19	11:01:34	00:04:20	-----	283-	33-	147-	9766
G2 (04)	19/09/27	10:53:02	11:05:21	00:03:46	-----	173-	44-	324-	12532
T1 (118)	19/09/27	11:07:19	11:18:49	00:11:29	00:01:57	286-	34-	148-	27657
K9 (109)	19/09/27	11:19:05	11:31:26	00:12:21	00:00:15	240-	78-	69-	26769
C3 (23)	19/09/27	11:27:33	11:38:35	00:07:09	-----	277-	21-	164-	9738
T2 (110)	19/09/27	11:41:57	11:52:19	00:10:22	00:03:21	280-	21-	165-	27741
K4 (104)	19/09/27	11:43:03	11:55:11	00:02:51	-----	232-	62-	69-	26930
C1 (21)	19/09/27	11:45:16	11:55:04	00:00:06	-----	272-	16-	175-	9722
K7 (107)	19/09/27	11:53:00	12:05:24	00:10:19	-----	252-	81-	69-	26769
K6 (106)	19/09/27	12:12:19	12:24:04	00:11:44	00:06:55	286-	55-	88-	27711
T4 (114)	19/09/27	12:17:45	12:26:00	00:01:55	-----	270-	13-	186-	27744
T3 (105)	19/09/27	12:20:24	12:33:14	00:07:14	-----	260-	68-	71-	26816
K3 (103)	19/09/27	12:28:47	12:41:06	00:07:52	-----	262-	65-	71-	26770
C7 (27)	19/09/27	12:37:38	12:42:09	00:01:02	-----	248-	7-	214-	9767
K9 (109)	19/09/27	13:03:07	13:15:22	00:12:15	00:20:57	273-	56-	76-	26770
K4 (104)	19/09/27	13:26:57	13:39:11	00:12:14	00:11:34	267-	60-	73-	26931
K7 (107)	19/09/27	13:37:13	13:49:26	00:10:15	-----	280-	54-	81-	26770
K6 (106)	19/09/27	13:55:31	14:07:20	00:11:48	00:06:04	291-	75-	121-	27712
T3 (105)	19/09/27	14:05:31	14:18:15	00:10:54	-----	284-	57-	88-	26817
K3 (103)	19/09/27	14:13:01	14:25:16	00:07:01	-----	285-	57-	89-	26771
R1 (117)	19/09/27	14:34:26	14:40:02	00:05:36	00:09:09	158-	8-	105-	27896
D8 (36)	19/09/27	14:43:02	14:51:57	00:08:54	00:03:00	177-	13-	94-	3498
K9 (109)	19/09/27	14:47:16	14:59:36	00:07:39	-----	289-	67-	99-	26771
D3 (31)	19/09/27	14:50:22	15:01:33	00:01:57	-----	196-	23-	82-	3409
D2 (30)	19/09/27	15:06:29	15:17:31	00:11:01	00:04:55	195-	22-	82-	3446
K4 (104)	19/09/27	15:11:14	15:23:30	00:05:59	-----	287-	60-	93-	26932
D4 (32)	19/09/27	15:12:13	15:23:50	00:00:19	-----	202-	26-	79-	3493
R2 (108)	19/09/27	15:21:03	15:30:54	00:07:04	-----	186-	19-	81-	28968
K7 (107)	19/09/27	15:21:15	15:33:38	00:02:44	-----	291-	82-	109-	26771
D7 (35)	19/09/27	15:23:08	15:34:09	00:00:30	-----	197-	22-	82-	3480
R3 (115)	19/09/27	15:26:56	15:37:36	00:03:27	-----	198-	25-	76-	27901
K6 (106)	19/09/27	15:39:06	15:48:45	00:09:39	00:01:29	278-	20-	168-	27713
T3 (105)	19/09/27	15:50:19	16:03:09	00:12:50	00:01:33	291-	79-	120-	26818
D6 (34)	19/09/27	15:55:38	16:07:48	00:04:39	-----	210-	33-	76-	3503
K3 (103)	19/09/27	15:56:56	16:09:16	00:01:27	-----	291-	74-	121-	26772
A1 (05)	19/09/27	16:13:50	16:20:34	00:06:44	00:04:34	165-	9-	102-	14014
R1 (117)	19/09/27	16:14:05	16:25:51	00:05:16	-----	217-	40-	72-	27897
A4 (08)	19/09/27	16:21:07	16:29:16	00:03:25	-----	173-	12-	98-	14012
D8 (36)	19/09/27	16:25:47	16:38:39	00:09:22	-----	226-	48-	75-	3499
A3 (07)	19/09/27	16:30:19	16:38:53	00:00:13	-----	176-	13-	95-	14015
K9 (109)	19/09/27	16:31:09	16:43:10	00:04:16	-----	289-	49-	136-	26772
D3 (31)	19/09/27	16:34:25	16:47:35	00:04:25	-----	241-	70-	74-	3410
A8 (12)	19/09/27	16:50:01	17:00:11	00:10:09	00:02:25	190-	18-	84-	14015

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
D2 (30)	19/09/27	16:50:27	17:03:35	00:03:24	-----	240-	68-	74-	3447
K4 (104)	19/09/27	16:55:13	17:07:28	00:03:52	-----	291-	63-	127-	26933
A5 (09)	19/09/27	16:56:20	17:06:43	00:00:04	-----	192-	19-	86-	14012
D4 (32)	19/09/27	16:56:35	17:09:48	00:03:05	-----	244-	76-	74-	3494
R2 (108)	19/09/27	17:02:58	17:15:17	00:05:28	-----	236-	69-	69-	28969
K7 (107)	19/09/27	17:05:13	17:16:39	00:01:22	-----	286-	32-	150-	26772
D7 (35)	19/09/27	17:07:04	17:20:14	00:03:34	-----	239-	68-	74-	3481
R3 (115)	19/09/27	17:09:11	17:21:26	00:01:12	-----	244-	85-	69-	27902
A7 (11)	19/09/27	17:26:53	17:38:33	00:11:40	00:05:26	206-	29-	78-	14015
A6 (10)	19/09/27	17:32:22	17:44:06	00:05:33	-----	207-	29-	78-	14015
T3 (105)	19/09/27	17:35:22	17:46:17	00:02:10	-----	281-	23-	163-	26819
A2 (06)	19/09/27	17:37:41	17:49:38	00:03:20	-----	210-	32-	76-	14015
D6 (34)	19/09/27	17:40:20	17:53:37	00:03:59	-----	251-	87-	75-	3504
K3 (103)	19/09/27	17:41:13	17:51:23	00:02:01	-----	279-	20-	167-	26773
A1 (05)	19/09/27	17:55:09	18:07:29	00:12:20	00:03:46	219-	39-	76-	14015
R1 (117)	19/09/27	17:57:22	18:09:45	00:02:15	-----	256-	74-	70-	27898
A4 (08)	19/09/27	18:03:08	18:15:41	00:05:56	-----	224-	45-	76-	14013
D8 (36)	19/09/27	18:11:04	18:24:23	00:08:41	-----	261-	80-	77-	3500
A3 (07)	19/09/27	18:12:33	18:25:10	00:00:47	-----	226-	47-	75-	14016
K9 (109)	19/09/27	18:16:14	18:23:52	00:01:01	-----	267-	11-	191-	26773
D3 (31)	19/09/27	18:20:05	18:33:20	00:09:27	-----	270-	72-	83-	3411
A8 (12)	19/09/27	18:33:07	18:45:58	00:12:37	-----	235-	60-	74-	14016
D2 (30)	19/09/27	18:36:05	18:49:20	00:03:22	-----	270-	72-	82-	3448
A5 (09)	19/09/27	18:39:34	18:52:26	00:03:05	-----	236-	62-	74-	14013
K4 (104)	19/09/27	18:39:49	18:49:14	00:03:01	-----	275-	16-	176-	26934
D4 (32)	19/09/27	18:42:22	18:55:38	00:06:24	-----	272-	72-	85-	3495
R2 (108)	19/09/27	18:46:54	18:59:11	00:03:32	-----	270-	58-	74-	28970
D7 (35)	19/09/27	18:52:42	19:05:58	00:06:47	-----	269-	72-	82-	3482
R3 (115)	19/09/27	18:53:00	19:05:07	00:00:05	-----	275-	55-	77-	27903
A7 (11)	19/09/27	19:10:55	19:23:56	00:13:00	00:05:47	247-	81-	74-	14016
A6 (10)	19/09/27	19:16:27	19:29:28	00:05:32	-----	248-	82-	74-	14016
A2 (06)	19/09/27	19:21:55	19:34:58	00:05:29	-----	250-	86-	75-	14016
D6 (34)	19/09/27	19:26:09	19:39:26	00:04:27	-----	276-	72-	89-	3505
A1 (05)	19/09/27	19:39:41	19:52:46	00:13:04	00:00:15	255-	87-	76-	14016
R1 (117)	19/09/27	19:41:36	19:53:50	00:01:04	-----	282-	54-	84-	27899
A4 (08)	19/09/27	19:47:52	20:00:55	00:07:05	-----	259-	82-	77-	14014
D8 (36)	19/09/27	19:56:56	20:10:15	00:09:19	-----	281-	77-	96-	3501
A3 (07)	19/09/27	19:57:21	20:10:24	00:00:09	-----	260-	80-	77-	14017
D3 (31)	19/09/27	20:05:53	20:19:10	00:08:46	-----	285-	89-	108-	3412
A8 (12)	19/09/27	20:18:11	20:31:12	00:12:01	-----	266-	74-	80-	14017
D2 (30)	19/09/27	20:21:54	20:35:11	00:03:58	-----	285-	89-	107-	3449
A5 (09)	19/09/27	20:24:40	20:37:40	00:02:28	-----	267-	73-	81-	14014
D4 (32)	19/09/27	20:28:13	20:41:30	00:03:49	-----	286-	84-	111-	3496
R2 (108)	19/09/27	20:31:05	20:43:24	00:01:54	-----	288-	63-	96-	28971
R3 (115)	19/09/27	20:36:50	20:49:04	00:05:39	-----	290-	70-	102-	27904
D7 (35)	19/09/27	20:38:32	20:51:49	00:02:44	-----	285-	89-	106-	3483
S1 (116)	19/09/27	20:39:05	20:46:25	00:05:02	-----	168-	11-	95-	27783
S4 (119)	19/09/27	20:39:13	20:46:13	00:00:01	-----	166-	10-	97-	27782
A7 (11)	19/09/27	20:56:14	21:09:14	00:13:00	00:10:00	274-	71-	86-	14017
B7 (19)	19/09/27	21:00:34	21:09:40	00:00:26	-----	179-	14-	89-	10421

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
B1 (13)	19/09/27	21:01:18	21:09:26	00:00:01	-----	172-	11-	95-	10327
A6 (10)	19/09/27	21:01:46	21:14:47	00:05:20	-----	275-	71-	86-	14017
A2 (06)	19/09/27	21:07:15	21:20:18	00:05:30	-----	276-	71-	88-	14017
S2 (113)	19/09/27	21:10:21	21:20:08	00:00:09	-----	188-	18-	81-	27871
B8 (20)	19/09/27	21:10:42	21:20:29	00:00:20	-----	184-	16-	86-	10434
D6 (34)	19/09/27	21:11:54	21:25:09	00:04:40	-----	286-	74-	117-	3506
B3 (15)	19/09/27	21:20:18	21:30:13	00:05:03	-----	185-	16-	86-	10439
A1 (05)	19/09/27	21:25:05	21:38:07	00:07:54	-----	279-	73-	92-	14017
R1 (117)	19/09/27	21:25:34	21:37:58	00:00:09	-----	291-	90-	114-	27900
B2 (14)	19/09/27	21:32:39	21:43:20	00:05:22	-----	193-	20-	83-	10421
A4 (08)	19/09/27	21:33:16	21:46:18	00:02:57	-----	280-	75-	95-	14015
D8 (36)	19/09/27	21:42:38	21:55:40	00:09:22	-----	286-	54-	130-	3502
A3 (07)	19/09/27	21:42:45	21:55:47	00:00:06	-----	281-	76-	96-	14018
S3 (112)	19/09/27	21:44:27	21:55:39	00:00:08	-----	204-	29-	74-	27866
B4 (16)	19/09/27	21:45:16	21:56:39	00:01:00	-----	200-	24-	81-	10439
D3 (31)	19/09/27	21:51:39	22:04:01	00:07:21	-----	283-	35-	146-	3413
B6 (18)	19/09/27	22:03:04	22:15:14	00:11:12	-----	210-	32-	76-	10422
A8 (12)	19/09/27	22:03:33	22:16:36	00:01:21	-----	284-	83-	102-	14018
D2 (30)	19/09/27	22:07:39	22:20:05	00:03:29	-----	284-	36-	144-	3450
A5 (09)	19/09/27	22:10:02	22:23:03	00:02:57	-----	284-	85-	103-	14015
D4 (32)	19/09/27	22:14:05	22:26:11	00:03:08	-----	282-	31-	151-	3497
R2 (108)	19/09/27	22:14:58	22:27:08	00:00:56	-----	290-	56-	131-	28972
S4 (119)	19/09/27	22:19:35	22:31:32	00:04:24	-----	221-	45-	71-	27783
S1 (116)	19/09/27	22:19:37	22:31:37	00:00:05	-----	222-	47-	71-	27784
R3 (115)	19/09/27	22:20:27	22:32:12	00:00:34	-----	288-	43-	140-	27905
D7 (35)	19/09/27	22:24:17	22:36:44	00:04:31	-----	284-	37-	144-	3484
A7 (11)	19/09/27	22:41:32	22:54:32	00:12:59	00:04:48	286-	80-	114-	14018
B7 (19)	19/09/27	22:43:24	22:56:19	00:01:47	-----	227-	49-	74-	10422
B1 (13)	19/09/27	22:43:39	22:56:25	00:00:05	-----	223-	44-	75-	10328
A6 (10)	19/09/27	22:47:04	23:00:04	00:03:38	-----	286-	78-	114-	14018
S2 (113)	19/09/27	22:52:13	23:04:32	00:04:28	-----	235-	68-	69-	27872
A2 (06)	19/09/27	22:52:32	23:05:32	00:01:00	-----	286-	74-	117-	14018
B8 (20)	19/09/27	22:53:54	23:06:54	00:01:22	-----	231-	54-	74-	10435
D6 (34)	19/09/27	22:57:52	23:09:22	00:02:27	-----	279-	25-	158-	3507
B3 (15)	19/09/27	23:03:34	23:16:37	00:07:14	-----	232-	55-	74-	10440
G2 (04)	19/09/27	23:07:03	23:16:28	00:00:08	-----	51-	15-	150-	12539
R1 (117)	19/09/27	23:09:38	23:20:40	00:04:11	-----	284-	27-	156-	27901
A1 (05)	19/09/27	23:10:20	23:23:15	00:02:34	-----	286-	64-	122-	14018
B2 (14)	19/09/27	23:16:21	23:29:30	00:06:15	-----	236-	63-	74-	10422
A4 (08)	19/09/27	23:18:31	23:31:18	00:01:47	-----	286-	57-	127-	14016
S3 (112)	19/09/27	23:27:15	23:39:41	00:08:22	-----	248-	87-	69-	27867
A3 (07)	19/09/27	23:28:00	23:40:45	00:01:04	-----	286-	54-	129-	14019
D8 (36)	19/09/27	23:29:05	23:38:51	00:01:05	-----	272-	16-	176-	3503
B4 (16)	19/09/27	23:29:22	23:42:36	00:03:45	-----	242-	72-	74-	10440
D3 (31)	19/09/27	23:39:35	23:45:05	00:02:29	-----	256-	7-	203-	3414
B6 (18)	19/09/27	23:47:43	00:01:03	00:13:19	00:02:37	250-	85-	75-	10423
A8 (12)	19/09/27	23:48:49	00:01:15	00:00:12	-----	285-	42-	138-	14019
A5 (09)	19/09/27	23:55:17	00:07:39	00:06:23	-----	284-	40-	140-	14016
D2 (30)	19/09/27	23:55:22	00:01:25	00:06:01	-----	258-	8-	200-	3451
R2 (108)	19/09/27	23:59:43	00:08:21	00:06:56	-----	272-	14-	183-	28973

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
S4 (119)	19/09/28	00:03:02	00:15:26	00:07:04	-----	259-	69-	70-	27784
S1 (116)	19/09/28	00:03:07	00:15:31	00:00:04	-----	260-	68-	71-	27785
D4 (32)	19/09/28	00:03:10	00:06:05	00:09:02	-----	245-	6-	218-	3498
R3 (115)	19/09/28	00:05:39	00:12:05	00:05:59	-----	261-	9-	199-	27906
D7 (35)	19/09/28	00:11:55	00:18:09	00:06:04	-----	259-	8-	199-	3485
A7 (11)	19/09/28	00:26:57	00:38:32	00:11:35	00:08:47	281-	28-	154-	14019
B7 (19)	19/09/28	00:28:42	00:42:02	00:03:30	-----	261-	79-	78-	10423
B1 (13)	19/09/28	00:28:48	00:42:09	00:00:07	-----	258-	83-	77-	10329
A6 (10)	19/09/28	00:32:30	00:44:00	00:01:51	-----	281-	27-	155-	14019
S2 (113)	19/09/28	00:36:08	00:48:27	00:04:26	-----	269-	58-	74-	27873
A2 (06)	19/09/28	00:38:02	00:49:19	00:00:52	-----	279-	25-	158-	14019
B8 (20)	19/09/28	00:39:19	00:52:37	00:03:17	-----	264-	77-	79-	10436
G2 (04)	19/09/28	00:44:20	00:57:06	00:04:28	-----	25-	81-	212-	12540
B3 (15)	19/09/28	00:49:00	01:02:19	00:05:13	-----	264-	76-	79-	10441
A1 (05)	19/09/28	00:56:00	01:06:36	00:04:16	-----	276-	20-	166-	14019
B2 (14)	19/09/28	01:01:55	01:15:14	00:08:37	-----	267-	74-	81-	10423
A4 (08)	19/09/28	01:04:23	01:14:14	00:00:05	-----	273-	17-	174-	14017
S3 (112)	19/09/28	01:11:25	01:23:41	00:09:26	-----	277-	54-	79-	27868
A3 (07)	19/09/28	01:13:57	01:23:32	00:00:09	-----	272-	16-	176-	14020
B4 (16)	19/09/28	01:15:02	01:28:20	00:04:48	-----	271-	72-	83-	10441
B6 (18)	19/09/28	01:33:32	01:46:51	00:13:19	00:05:11	276-	72-	88-	10424
A8 (12)	19/09/28	01:35:24	01:43:01	00:03:04	-----	263-	11-	192-	14020
A5 (09)	19/09/28	01:42:03	01:49:10	00:06:08	-----	262-	10-	194-	14017
S4 (119)	19/09/28	01:47:17	01:59:34	00:10:24	-----	284-	55-	86-	27785
S1 (116)	19/09/28	01:47:22	01:59:39	00:00:05	-----	284-	56-	87-	27786
B7 (19)	19/09/28	02:14:34	02:27:53	00:13:19	00:14:54	281-	78-	97-	10424
B1 (13)	19/09/28	02:14:40	02:28:00	00:00:07	-----	280-	75-	95-	10330
S2 (113)	19/09/28	02:20:19	02:32:40	00:04:39	-----	288-	62-	95-	27874
G2 (04)	19/09/28	02:23:40	02:33:12	00:00:32	-----	5-	16-	270-	12541
C1 (21)	19/09/28	02:25:09	02:32:40	00:00:03	-----	168-	10-	98-	9731
B8 (20)	19/09/28	02:25:10	02:38:29	00:05:48	-----	283-	80-	100-	10437
B3 (15)	19/09/28	02:34:51	02:48:11	00:09:42	-----	283-	81-	100-	10442
T4 (114)	19/09/28	02:43:17	02:51:00	00:02:48	-----	171-	11-	92-	27753
B2 (14)	19/09/28	02:47:45	03:01:05	00:10:04	-----	284-	86-	104-	10424
S3 (112)	19/09/28	02:55:29	03:07:54	00:06:49	-----	291-	76-	106-	27869
B4 (16)	19/09/28	03:00:50	03:14:09	00:06:14	-----	285-	87-	109-	10442
C7 (27)	19/09/28	03:13:15	03:24:09	00:10:00	-----	195-	21-	82-	9776
T1 (118)	19/09/28	03:16:00	03:26:10	00:02:01	-----	192-	20-	79-	27667
B6 (18)	19/09/28	03:19:17	03:32:34	00:06:23	-----	286-	74-	117-	10425
S4 (119)	19/09/28	03:31:14	03:43:38	00:11:04	-----	291-	83-	117-	27786
S1 (116)	19/09/28	03:31:19	03:43:42	00:00:04	-----	291-	81-	118-	27787
T2 (110)	19/09/28	03:49:27	04:00:50	00:11:22	00:05:44	208-	32-	73-	27751
C3 (23)	19/09/28	03:50:19	04:02:29	00:01:39	-----	210-	32-	76-	9748
B7 (19)	19/09/28	04:00:17	04:13:16	00:10:47	-----	286-	53-	130-	10425
B1 (13)	19/09/28	04:00:24	04:13:31	00:00:14	-----	286-	59-	126-	10331
S2 (113)	19/09/28	04:04:13	04:16:25	00:02:53	-----	290-	57-	130-	27875
C1 (21)	19/09/28	04:07:11	04:19:50	00:03:25	-----	221-	41-	75-	9732
B8 (20)	19/09/28	04:10:53	04:23:44	00:03:54	-----	285-	48-	134-	10438
B3 (15)	19/09/28	04:20:34	04:33:25	00:09:40	-----	285-	47-	135-	10443
T4 (114)	19/09/28	04:24:02	04:36:05	00:02:39	-----	224-	49-	70-	27754

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
B2 (14)	19/09/28	04:33:29	04:46:07	00:10:02	-----	284-	40-	140-	10425
S3 (112)	19/09/28	04:39:25	04:51:06	00:04:59	-----	287-	37-	145-	27870
B4 (16)	19/09/28	04:46:36	04:58:54	00:07:47	-----	283-	34-	147-	10443
C7 (27)	19/09/28	04:57:06	05:10:15	00:11:21	-----	238-	66-	74-	9777
T1 (118)	19/09/28	04:58:07	05:10:28	00:00:12	-----	238-	74-	69-	27668
B6 (18)	19/09/28	05:05:14	05:16:48	00:06:20	-----	280-	25-	157-	10426
S4 (119)	19/09/28	05:15:24	05:26:07	00:09:18	-----	282-	24-	161-	27787
S1 (116)	19/09/28	05:15:30	05:26:06	00:00:00	-----	281-	23-	163-	27788
T2 (110)	19/09/28	05:32:24	05:44:49	00:12:24	00:06:18	251-	82-	69-	27752
C3 (23)	19/09/28	05:35:00	05:48:18	00:03:29	-----	250-	86-	75-	9749
B1 (13)	19/09/28	05:46:42	05:57:01	00:08:42	-----	274-	18-	171-	10332
B7 (19)	19/09/28	05:46:47	05:56:21	00:00:03	-----	271-	15-	178-	10426
S2 (113)	19/09/28	05:48:55	05:57:42	00:01:20	-----	272-	14-	181-	27876
C1 (21)	19/09/28	05:52:16	06:05:34	00:07:51	-----	257-	85-	76-	9733
B8 (20)	19/09/28	05:57:37	06:06:24	00:00:50	-----	268-	13-	184-	10439
B3 (15)	19/09/28	06:07:21	06:16:02	00:08:40	00:00:56	267-	12-	186-	10444
T4 (114)	19/09/28	06:07:36	06:19:57	00:03:55	-----	261-	66-	71-	27755
B2 (14)	19/09/28	06:20:45	06:28:02	00:07:17	00:00:47	261-	10-	195-	10426
S3 (112)	19/09/28	06:25:33	06:30:25	00:02:22	-----	253-	7-	211-	27871
B4 (16)	19/09/28	06:34:44	06:39:40	00:04:55	00:04:19	254-	7-	206-	10444
T1 (118)	19/09/28	06:42:06	06:54:23	00:12:16	00:02:26	271-	57-	75-	27669
C7 (27)	19/09/28	06:42:43	06:56:00	00:01:36	-----	269-	73-	82-	9778
T2 (110)	19/09/28	07:16:36	07:28:51	00:12:14	00:20:36	279-	54-	81-	27753
C3 (23)	19/09/28	07:20:50	07:34:06	00:05:15	-----	276-	72-	88-	9750
C1 (21)	19/09/28	07:38:07	07:51:24	00:13:16	00:04:00	279-	74-	93-	9734
K6 (106)	19/09/28	07:40:00	07:50:49	00:00:03	-----	205-	29-	75-	27723
T4 (114)	19/09/28	07:51:51	08:04:06	00:12:15	00:01:01	285-	56-	88-	27756
T1 (118)	19/09/28	08:26:16	08:38:37	00:12:20	00:22:09	289-	65-	98-	27670
C7 (27)	19/09/28	08:28:33	08:41:50	00:03:12	-----	284-	88-	106-	9779
K9 (109)	19/09/28	08:41:11	08:49:32	00:07:42	-----	176-	13-	89-	26782
G2 (04)	19/09/28	08:47:31	08:57:39	00:08:06	-----	100-	19-	354-	12545
T2 (110)	19/09/28	09:00:39	09:13:03	00:12:24	00:03:00	291-	80-	108-	27754
C3 (23)	19/09/28	09:06:36	09:19:50	00:06:46	-----	286-	74-	117-	9751
K4 (104)	19/09/28	09:07:46	09:13:42	00:06:07	-----	160-	8-	103-	26943
K7 (107)	19/09/28	09:13:49	09:24:06	00:10:17	00:00:06	194-	21-	79-	26782
K6 (106)	19/09/28	09:22:09	09:34:06	00:10:00	-----	249-	85-	69-	27724