

Orbcomm View Satellite Pass Times
 All Passes of All Satellites in Chronological Order
 Observer: Tokyo, 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	09:06:33	09:17:55	00:11:22	11:52:34	278-	28-	51-	27554
B2 (14)	19/09/20	09:15:04	09:26:09	00:08:13	-----	282-	22-	168-	10313
G2 (04)	19/09/20	09:17:12	09:28:42	00:02:32	-----	123-	31-	351-	12431
S4 (119)	19/09/20	09:25:24	09:34:44	00:06:02	-----	279-	16-	180-	27673
S1 (116)	19/09/20	09:25:35	09:34:42	00:00:02	-----	277-	15-	182-	27674
B4 (16)	19/09/20	09:30:16	09:40:16	00:05:34	-----	277-	17-	178-	10331
C7 (27)	19/09/20	09:36:41	09:49:02	00:08:45	-----	284-	32-	62-	9665
K6 (106)	19/09/20	09:39:10	09:48:50	00:00:01	-----	187-	19-	76-	27607
T2 (110)	19/09/20	09:41:29	09:52:23	00:03:33	-----	290-	24-	54-	27638
B6 (18)	19/09/20	09:47:46	09:55:34	00:03:10	-----	266-	11-	194-	10314
S2 (113)	19/09/20	10:00:08	10:05:21	00:05:12	00:04:33	257-	7-	210-	27762
C3 (23)	19/09/20	10:14:18	10:26:33	00:12:14	00:08:56	292-	30-	68-	9637
T4 (114)	19/09/20	10:17:04	10:27:45	00:01:12	-----	298-	22-	59-	27641
C1 (21)	19/09/20	10:32:50	10:45:07	00:12:16	00:05:04	296-	31-	73-	9621
T3 (105)	19/09/20	10:44:23	10:49:22	00:04:15	-----	149-	7-	101-	26714
T1 (118)	19/09/20	10:51:47	11:02:34	00:10:47	00:02:24	305-	23-	67-	27555
G2 (04)	19/09/20	10:55:27	11:07:08	00:04:34	-----	182-	33-	320-	12432
K9 (109)	19/09/20	11:04:59	11:12:34	00:05:26	-----	167-	11-	88-	26667
K6 (106)	19/09/20	11:20:41	11:32:34	00:11:52	00:08:06	239-	79-	55-	27608
C7 (27)	19/09/20	11:23:12	11:35:46	00:03:12	-----	302-	36-	85-	9666
T2 (110)	19/09/20	11:26:22	11:37:28	00:01:42	-----	308-	26-	77-	27639
K7 (107)	19/09/20	11:37:18	11:47:28	00:10:00	-----	188-	20-	75-	26667
C3 (23)	19/09/20	12:00:30	12:13:24	00:12:54	00:13:01	303-	45-	97-	9638
T4 (114)	19/09/20	12:01:33	12:13:04	00:00:01	-----	310-	32-	88-	27642
K3 (103)	19/09/20	12:12:13	12:23:49	00:10:44	-----	207-	36-	66-	26668
C1 (21)	19/09/20	12:18:49	12:31:55	00:08:06	-----	303-	55-	105-	9622
T3 (105)	19/09/20	12:24:22	12:36:49	00:04:54	-----	215-	49-	62-	27715
T1 (118)	19/09/20	12:35:52	12:47:53	00:11:03	-----	309-	44-	102-	27556
K9 (109)	19/09/20	12:45:42	12:57:57	00:10:04	-----	225-	66-	59-	26668
K4 (104)	19/09/20	12:59:56	13:11:36	00:11:39	00:01:58	209-	39-	65-	26829
K6 (106)	19/09/20	13:04:51	13:15:33	00:03:57	-----	280-	26-	50-	27609
C7 (27)	19/09/20	13:08:54	13:22:11	00:06:37	-----	300-	90-	122-	9667
T2 (110)	19/09/20	13:10:11	13:22:31	00:00:20	-----	307-	66-	116-	27640
K7 (107)	19/09/20	13:19:33	13:31:55	00:09:23	-----	239-	79-	55-	26668
T4 (114)	19/09/20	13:45:17	13:57:37	00:12:19	00:13:22	303-	79-	130-	27643
C3 (23)	19/09/20	13:46:11	13:59:14	00:01:36	-----	296-	58-	137-	9639
K3 (103)	19/09/20	13:55:36	14:07:45	00:08:31	-----	253-	50-	52-	26669
C1 (21)	19/09/20	14:04:36	14:17:13	00:09:28	-----	292-	41-	147-	9623
T3 (105)	19/09/20	14:09:04	14:21:31	00:04:17	-----	260-	43-	52-	26716
T1 (118)	19/09/20	14:19:42	14:31:38	00:10:07	-----	296-	45-	146-	27557
K9 (109)	19/09/20	14:30:00	14:41:42	00:10:04	-----	268-	35-	51-	26669
K4 (104)	19/09/20	14:43:33	14:55:36	00:12:03	00:01:51	256-	47-	52-	26830
K6 (106)	19/09/20	14:49:21	14:59:30	00:03:53	-----	306-	21-	66-	27610
T2 (110)	19/09/20	14:54:23	15:05:15	00:05:45	-----	288-	25-	164-	27641
C7 (27)	19/09/20	14:55:14	15:06:04	00:00:48	-----	281-	20-	170-	9668
K7 (107)	19/09/20	15:04:26	15:15:41	00:09:36	-----	280-	28-	52-	26669
T4 (114)	19/09/20	15:30:14	15:38:59	00:08:44	00:14:33	275-	14-	185-	27644
C3 (23)	19/09/20	15:33:35	15:41:30	00:02:31	-----	266-	11-	194-	9640

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
K3 (103)	19/09/20	15:40:52	15:51:43	00:10:12	-----	290-	24-	55-	26670
C1 (21)	19/09/20	15:53:43	15:57:25	00:03:42	00:02:00	250-	6-	215-	9624
T3 (105)	19/09/20	15:55:16	16:06:32	00:09:07	-----	294-	24-	58-	26717
K9 (109)	19/09/20	16:15:22	16:26:02	00:10:40	00:08:49	300-	22-	61-	26670
K4 (104)	19/09/20	16:28:55	16:39:44	00:10:49	00:02:52	292-	23-	55-	26831
D6 (34)	19/09/20	16:31:16	16:37:06	00:02:03	-----	156-	8-	103-	3403
K6 (106)	19/09/20	16:32:40	16:44:07	00:07:00	-----	310-	41-	101-	27611
K7 (107)	19/09/20	16:49:37	17:00:24	00:10:46	00:05:30	305-	23-	68-	26670
R2 (108)	19/09/20	16:49:50	16:55:55	00:04:02	-----	154-	8-	98-	28867
D8 (36)	19/09/20	16:59:35	17:09:30	00:09:54	00:03:40	179-	16-	85-	3399
D3 (31)	19/09/20	17:07:20	17:19:20	00:09:50	-----	202-	30-	72-	3310
R3 (115)	19/09/20	17:21:00	17:31:19	00:10:18	00:01:40	190-	22-	74-	27800
D2 (30)	19/09/20	17:23:29	17:35:21	00:04:02	-----	201-	29-	73-	3347
D4 (32)	19/09/20	17:23:48	17:36:00	00:00:38	-----	205-	33-	71-	3394
K3 (103)	19/09/20	17:25:42	17:36:49	00:00:49	-----	309-	26-	78-	26671
D7 (35)	19/09/20	17:40:22	17:52:13	00:11:51	00:03:32	200-	28-	73-	3381
T3 (105)	19/09/20	17:40:46	17:52:40	00:00:26	-----	309-	31-	85-	26718
R1 (117)	19/09/20	17:41:57	17:52:48	00:00:08	-----	195-	26-	71-	27796
K9 (109)	19/09/20	17:59:45	18:11:23	00:11:37	00:06:57	310-	33-	91-	26671
A8 (12)	19/09/20	18:10:14	18:14:50	00:03:27	-----	152-	7-	111-	13915
D6 (34)	19/09/20	18:12:30	18:25:19	00:10:28	-----	217-	47-	65-	3404
K4 (104)	19/09/20	18:13:46	18:25:02	00:00:01	-----	309-	27-	80-	26832
K6 (106)	19/09/20	18:15:45	18:27:11	00:02:09	-----	296-	44-	146-	27612
A5 (09)	19/09/20	18:16:17	18:21:43	00:05:02	-----	157-	8-	101-	13912
R2 (108)	19/09/20	18:29:47	18:41:55	00:12:08	00:08:03	219-	55-	61-	28868
K7 (107)	19/09/20	18:33:41	18:45:43	00:03:48	-----	309-	45-	103-	26671
D8 (36)	19/09/20	18:42:55	18:56:10	00:10:26	-----	232-	76-	61-	3400
A7 (11)	19/09/20	18:45:09	18:54:36	00:01:03	-----	177-	15-	87-	13915
A6 (10)	19/09/20	18:50:47	19:00:27	00:05:51	-----	179-	16-	86-	13915
D3 (31)	19/09/20	18:52:04	19:05:17	00:04:49	-----	248-	68-	58-	3311
A2 (06)	19/09/20	18:56:01	19:06:14	00:00:56	-----	184-	18-	80-	13915
R3 (115)	19/09/20	19:03:09	19:15:22	00:09:08	-----	241-	73-	54-	27801
D2 (30)	19/09/20	19:08:07	19:21:21	00:05:58	-----	247-	70-	58-	3348
D4 (32)	19/09/20	19:08:45	19:21:57	00:00:36	-----	250-	64-	57-	3395
K3 (103)	19/09/20	19:09:31	19:21:51	00:00:06	-----	306-	69-	117-	26672
A1 (05)	19/09/20	19:12:57	19:24:05	00:02:14	-----	193-	24-	75-	13915
A4 (08)	19/09/20	19:21:03	19:32:44	00:08:39	-----	201-	29-	73-	13913
R1 (117)	19/09/20	19:24:41	19:37:00	00:04:15	-----	245-	66-	54-	27797
D7 (35)	19/09/20	19:25:00	19:38:13	00:01:13	-----	246-	71-	58-	3382
T3 (105)	19/09/20	19:25:24	19:38:15	00:00:02	-----	304-	89-	125-	26719
A3 (07)	19/09/20	19:30:09	19:42:00	00:03:44	-----	203-	31-	72-	13916
K9 (109)	19/09/20	19:43:29	19:55:48	00:12:18	00:01:29	302-	71-	133-	26672
A8 (12)	19/09/20	19:50:29	20:02:59	00:07:10	-----	215-	44-	66-	13916
A5 (09)	19/09/20	19:56:58	20:09:32	00:06:33	-----	217-	46-	67-	13913
K4 (104)	19/09/20	19:57:38	20:10:07	00:00:35	-----	306-	74-	119-	26833
D6 (34)	19/09/20	19:58:01	20:11:04	00:00:56	-----	259-	51-	57-	3405
R2 (108)	19/09/20	20:13:50	20:25:41	00:11:51	00:02:46	264-	38-	51-	28869
K7 (107)	19/09/20	20:17:32	20:29:24	00:03:42	-----	296-	43-	148-	26672
A7 (11)	19/09/20	20:27:55	20:40:52	00:11:28	-----	231-	74-	62-	13916
D8 (36)	19/09/20	20:29:06	20:41:52	00:01:00	-----	271-	39-	57-	3401

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
A6 (10)	19/09/20	20:33:40	20:46:38	00:04:46	-----	232-	76-	61-	13916
D3 (31)	19/09/20	20:38:45	20:51:08	00:04:29	-----	283-	32-	60-	3312
A2 (06)	19/09/20	20:39:12	20:52:14	00:01:06	-----	235-	84-	60-	13916
R3 (115)	19/09/20	20:47:49	20:58:52	00:06:37	-----	282-	27-	52-	27802
K3 (103)	19/09/20	20:53:45	21:04:27	00:05:35	-----	287-	24-	166-	26673
D2 (30)	19/09/20	20:54:46	21:07:11	00:02:43	-----	282-	33-	60-	3349
D4 (32)	19/09/20	20:55:32	21:07:54	00:00:42	-----	284-	32-	61-	3396
A1 (05)	19/09/20	20:56:44	21:09:47	00:01:53	-----	242-	81-	59-	13916
A4 (08)	19/09/20	21:05:15	21:18:15	00:08:27	-----	247-	70-	58-	13914
R1 (117)	19/09/20	21:09:44	21:20:49	00:02:33	-----	284-	26-	53-	27798
T3 (105)	19/09/20	21:10:53	21:20:59	00:00:10	-----	281-	18-	177-	26720
D7 (35)	19/09/20	21:11:38	21:24:02	00:03:03	-----	281-	33-	60-	3383
A3 (07)	19/09/20	21:14:29	21:27:27	00:03:25	-----	249-	66-	57-	13917
K9 (109)	19/09/20	21:28:41	21:36:48	00:08:07	00:01:13	272-	12-	191-	26673
A8 (12)	19/09/20	21:35:27	21:48:15	00:11:26	-----	258-	52-	57-	13917
A5 (09)	19/09/20	21:42:02	21:54:47	00:06:31	-----	259-	50-	56-	13914
K4 (104)	19/09/20	21:42:04	21:52:38	00:02:08	-----	285-	22-	169-	26834
D6 (34)	19/09/20	21:44:51	21:57:08	00:04:29	-----	290-	31-	66-	3406
R2 (108)	19/09/20	21:59:11	22:09:54	00:10:42	00:02:03	297-	22-	58-	28870
A7 (11)	19/09/20	22:13:36	22:26:04	00:12:27	00:03:42	270-	39-	57-	13917
D8 (36)	19/09/20	22:15:55	22:28:15	00:02:11	-----	296-	31-	72-	3402
A6 (10)	19/09/20	22:19:24	22:31:50	00:03:35	-----	271-	38-	57-	13917
A2 (06)	19/09/20	22:25:03	22:37:27	00:05:36	-----	274-	37-	58-	13917
D3 (31)	19/09/20	22:25:18	22:37:51	00:00:23	-----	301-	35-	82-	3313
R3 (115)	19/09/20	22:32:41	22:43:21	00:05:30	-----	306-	23-	69-	27803
S2 (113)	19/09/20	22:39:15	22:45:01	00:01:39	-----	157-	8-	102-	27770
B6 (18)	19/09/20	22:39:51	22:45:31	00:00:30	-----	157-	8-	102-	10322
D2 (30)	19/09/20	22:41:20	22:53:52	00:08:20	-----	301-	35-	82-	3350
D4 (32)	19/09/20	22:42:05	22:54:42	00:00:49	-----	301-	36-	84-	3397
A1 (05)	19/09/20	22:42:48	22:55:03	00:00:20	-----	279-	34-	60-	13917
A4 (08)	19/09/20	22:51:27	23:03:34	00:08:31	-----	282-	32-	59-	13915
R1 (117)	19/09/20	22:54:48	23:05:41	00:02:07	-----	307-	24-	72-	27799
D7 (35)	19/09/20	22:58:12	23:10:43	00:05:01	-----	301-	34-	81-	3384
A3 (07)	19/09/20	23:00:42	23:12:49	00:02:06	-----	283-	32-	60-	13918
G2 (04)	19/09/20	23:11:57	23:23:50	00:11:01	-----	38-	33-	177-	12439
S3 (112)	19/09/20	23:12:00	23:21:32	00:02:01	-----	182-	17-	79-	27765
B1 (13)	19/09/20	23:17:50	23:27:04	00:05:32	-----	176-	14-	87-	10228
B7 (19)	19/09/20	23:17:53	23:28:01	00:00:57	-----	183-	17-	81-	10322
A8 (12)	19/09/20	23:21:48	23:33:47	00:05:45	-----	289-	30-	65-	13918
B8 (20)	19/09/20	23:28:02	23:38:47	00:05:00	-----	189-	20-	78-	10335
A5 (09)	19/09/20	23:28:23	23:40:21	00:01:34	-----	290-	30-	64-	13915
D6 (34)	19/09/20	23:31:08	23:44:00	00:03:38	-----	303-	42-	93-	3407
B3 (15)	19/09/20	23:37:55	23:48:49	00:04:49	-----	190-	21-	77-	10340
R2 (108)	19/09/20	23:43:43	23:55:12	00:06:22	-----	310-	31-	87-	28871
S4 (119)	19/09/20	23:46:35	23:57:50	00:02:37	-----	199-	30-	68-	27682
S1 (116)	19/09/20	23:46:37	23:57:58	00:00:08	-----	201-	31-	68-	27683
B2 (14)	19/09/20	23:50:24	00:01:57	00:04:00	-----	195-	25-	73-	10322
A7 (11)	19/09/20	23:59:57	00:11:55	00:09:57	-----	296-	30-	70-	13918
D8 (36)	19/09/21	00:01:54	00:15:04	00:03:08	-----	303-	56-	104-	3403
B4 (16)	19/09/21	00:04:37	00:16:51	00:01:47	-----	204-	33-	70-	10340

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
A6 (10)	19/09/21	00:05:44	00:17:44	00:00:52	-----	297-	30-	71-	13918
D3 (31)	19/09/21	00:11:02	00:24:19	00:06:35	-----	301-	85-	120-	3314
A2 (06)	19/09/21	00:11:21	00:23:24	00:00:05	-----	298-	31-	74-	13918
R3 (115)	19/09/21	00:16:25	00:28:22	00:04:57	-----	309-	47-	105-	27804
S2 (113)	19/09/21	00:19:00	00:31:08	00:02:45	-----	218-	53-	61-	27771
B6 (18)	19/09/21	00:20:57	00:33:48	00:02:40	-----	217-	46-	66-	10323
D2 (30)	19/09/21	00:27:05	00:40:24	00:06:35	-----	301-	82-	119-	3351
D4 (32)	19/09/21	00:27:51	00:41:10	00:00:46	-----	300-	90-	122-	3398
A1 (05)	19/09/21	00:29:00	00:41:09	00:00:01	-----	300-	32-	79-	13918
A4 (08)	19/09/21	00:37:33	00:49:45	00:08:36	-----	301-	34-	81-	13916
R1 (117)	19/09/21	00:38:44	00:50:55	00:01:09	-----	308-	53-	108-	27800
D7 (35)	19/09/21	00:43:57	00:57:14	00:06:19	-----	301-	81-	118-	3385
A3 (07)	19/09/21	00:46:46	00:59:03	00:01:48	-----	301-	35-	82-	13919
G2 (04)	19/09/21	00:50:23	01:02:04	00:03:01	-----	9-	32-	237-	12440
S3 (112)	19/09/21	00:53:48	01:06:12	00:04:07	-----	234-	90-	56-	27766
B1 (13)	19/09/21	01:00:46	01:13:59	00:07:46	-----	228-	68-	62-	10229
B7 (19)	19/09/21	01:01:20	01:14:37	00:00:38	-----	233-	79-	61-	10323
A8 (12)	19/09/21	01:07:39	01:20:07	00:05:30	-----	303-	40-	91-	13919
B8 (20)	19/09/21	01:11:52	01:25:09	00:05:01	-----	237-	88-	60-	10336
A5 (09)	19/09/21	01:14:11	01:26:42	00:01:32	-----	303-	41-	91-	13916
D6 (34)	19/09/21	01:16:49	01:30:01	00:03:18	-----	298-	67-	132-	3408
B3 (15)	19/09/21	01:21:50	01:35:08	00:05:07	-----	238-	90-	60-	10341
R2 (108)	19/09/21	01:27:27	01:39:49	00:04:40	-----	303-	84-	128-	28872
S4 (119)	19/09/21	01:29:37	01:41:54	00:02:04	-----	249-	58-	53-	27683
S1 (116)	19/09/21	01:29:44	01:42:00	00:00:06	-----	250-	56-	53-	27684
B2 (14)	19/09/21	01:34:46	01:48:04	00:06:03	-----	243-	78-	59-	10323
A7 (11)	19/09/21	01:45:28	01:58:16	00:10:12	-----	303-	53-	103-	13919
D8 (36)	19/09/21	01:47:42	02:00:21	00:02:04	-----	292-	41-	148-	3404
B4 (16)	19/09/21	01:49:29	02:02:43	00:02:22	-----	250-	65-	57-	10341
A6 (10)	19/09/21	01:51:13	02:04:03	00:01:20	-----	303-	55-	104-	13919
A2 (06)	19/09/21	01:56:47	02:09:42	00:05:38	-----	303-	59-	107-	13919
D3 (31)	19/09/21	01:57:16	02:08:25	00:01:01	-----	283-	22-	167-	3315
R3 (115)	19/09/21	02:00:01	02:11:38	00:03:13	-----	295-	39-	150-	27805
S2 (113)	19/09/21	02:03:00	02:14:55	00:03:16	-----	263-	39-	51-	27772
B6 (18)	19/09/21	02:06:27	02:19:32	00:04:37	-----	258-	51-	57-	10324
D2 (30)	19/09/21	02:13:16	02:24:35	00:05:03	-----	284-	23-	166-	3352
D4 (32)	19/09/21	02:14:15	02:25:08	00:00:32	-----	282-	20-	171-	3399
A1 (05)	19/09/21	02:14:20	02:27:20	00:02:11	-----	302-	70-	114-	13919
R1 (117)	19/09/21	02:22:42	02:34:13	00:06:53	-----	293-	34-	155-	27801
A4 (08)	19/09/21	02:22:49	02:35:47	00:01:34	-----	301-	81-	118-	13917
D7 (35)	19/09/21	02:30:07	02:41:28	00:05:40	-----	284-	24-	165-	3386
A3 (07)	19/09/21	02:32:01	02:45:02	00:03:34	-----	301-	86-	120-	13920
S3 (112)	19/09/21	02:38:31	02:49:57	00:04:54	-----	276-	30-	51-	27767
B1 (13)	19/09/21	02:46:48	02:59:40	00:09:42	-----	268-	42-	58-	10230
B7 (19)	19/09/21	02:47:34	03:00:18	00:00:38	-----	272-	39-	58-	10324
A8 (12)	19/09/21	02:52:50	03:05:46	00:05:28	-----	298-	71-	130-	13920
B8 (20)	19/09/21	02:58:15	03:10:52	00:05:05	-----	275-	37-	59-	10337
A5 (09)	19/09/21	02:59:23	03:12:16	00:01:24	-----	298-	67-	132-	13917
D6 (34)	19/09/21	03:03:47	03:12:53	00:00:36	-----	272-	14-	185-	3409
B3 (15)	19/09/21	03:08:14	03:20:51	00:07:58	-----	275-	36-	59-	10342

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
R2 (108)	19/09/21	03:12:16	03:21:25	00:00:33	-----	277-	15-	182-	28873
S4 (119)	19/09/21	03:14:47	03:25:47	00:04:22	-----	287-	25-	53-	27684
S1 (116)	19/09/21	03:14:56	03:25:54	00:00:07	-----	288-	24-	54-	27685
B2 (14)	19/09/21	03:21:20	03:33:50	00:07:55	-----	279-	34-	60-	10324
A7 (11)	19/09/21	03:30:45	03:43:10	00:09:20	-----	293-	42-	147-	13920
B4 (16)	19/09/21	03:36:11	03:48:34	00:05:24	-----	284-	32-	61-	10342
A6 (10)	19/09/21	03:36:32	03:48:53	00:00:18	-----	292-	40-	148-	13920
D8 (36)	19/09/21	03:36:56	03:40:24	00:08:02	-----	250-	6-	215-	3405
A2 (06)	19/09/21	03:42:09	03:54:22	00:12:12	00:01:44	291-	36-	151-	13920
S2 (113)	19/09/21	03:48:22	03:59:06	00:04:44	-----	297-	22-	58-	27773
B6 (18)	19/09/21	03:53:17	04:05:35	00:06:28	-----	290-	31-	66-	10325
A1 (05)	19/09/21	03:59:52	04:11:30	00:05:55	-----	287-	28-	158-	13920
A4 (08)	19/09/21	04:08:31	04:19:33	00:08:02	-----	284-	23-	166-	13918
A3 (07)	19/09/21	04:17:48	04:28:39	00:09:05	-----	283-	21-	169-	13921
S3 (112)	19/09/21	04:23:48	04:34:32	00:05:53	-----	303-	23-	65-	27768
C3 (23)	19/09/21	04:25:57	04:31:24	00:03:08	-----	156-	7-	103-	9648
B1 (13)	19/09/21	04:33:39	04:45:58	00:12:18	00:02:14	295-	31-	71-	10231
B7 (19)	19/09/21	04:34:22	04:46:42	00:00:43	-----	297-	31-	74-	10325
A8 (12)	19/09/21	04:39:11	04:48:25	00:01:43	-----	273-	14-	183-	13921
C1 (21)	19/09/21	04:42:16	04:50:58	00:02:32	-----	173-	12-	89-	9632
T1 (118)	19/09/21	04:44:26	04:51:23	00:00:24	-----	163-	10-	96-	27566
B8 (20)	19/09/21	04:45:00	04:57:20	00:05:57	-----	298-	32-	76-	10338
A5 (09)	19/09/21	04:45:51	04:54:44	00:02:03	-----	273-	13-	185-	13918
B3 (15)	19/09/21	04:54:58	05:07:21	00:12:23	00:00:14	298-	32-	77-	10343
S4 (119)	19/09/21	04:59:46	05:10:46	00:03:24	-----	308-	25-	75-	27685
S1 (116)	19/09/21	04:59:53	05:10:55	00:00:08	-----	308-	25-	75-	27686
B2 (14)	19/09/21	05:07:58	05:20:26	00:09:31	-----	300-	34-	81-	10325
T2 (110)	19/09/21	05:16:55	05:26:56	00:06:29	-----	186-	19-	76-	27650
A7 (11)	19/09/21	05:19:12	05:23:13	00:03:04	-----	251-	6-	213-	13921
B4 (16)	19/09/21	05:22:40	05:35:17	00:12:04	-----	301-	36-	84-	10343
A6 (10)	19/09/21	05:25:23	05:28:24	00:06:05	-----	248-	6-	217-	13921
C7 (27)	19/09/21	05:30:26	05:42:09	00:11:42	00:02:02	197-	27-	72-	9677
S2 (113)	19/09/21	05:32:56	05:44:23	00:02:13	-----	310-	30-	86-	27774
B6 (18)	19/09/21	05:39:34	05:52:24	00:08:01	-----	303-	42-	93-	10326
T4 (114)	19/09/21	05:51:02	06:02:30	00:10:06	-----	203-	34-	67-	27653
C3 (23)	19/09/21	06:06:58	06:19:46	00:12:47	00:04:28	216-	46-	66-	9649
S3 (112)	19/09/21	06:07:58	06:19:53	00:00:07	-----	309-	40-	99-	27769
B1 (13)	19/09/21	06:19:43	06:32:48	00:12:54	-----	303-	51-	102-	10232
B7 (19)	19/09/21	06:20:19	06:33:28	00:00:40	-----	303-	58-	106-	10326
T1 (118)	19/09/21	06:24:49	06:37:02	00:03:33	-----	222-	61-	60-	27567
C1 (21)	19/09/21	06:24:56	06:38:03	00:01:01	-----	226-	63-	63-	9633
B8 (20)	19/09/21	06:30:52	06:44:04	00:06:00	-----	302-	63-	110-	10339
B3 (15)	19/09/21	06:40:50	06:54:04	00:10:00	-----	302-	65-	111-	10344
S4 (119)	19/09/21	06:43:38	06:55:55	00:01:50	-----	307-	59-	112-	27686
S1 (116)	19/09/21	06:43:44	06:56:02	00:00:06	-----	307-	61-	113-	27687
B2 (14)	19/09/21	06:53:45	07:07:02	00:11:00	-----	302-	75-	116-	10326
T2 (110)	19/09/21	06:59:03	07:11:26	00:04:24	-----	238-	82-	55-	27651
B4 (16)	19/09/21	07:08:22	07:21:39	00:10:13	-----	300-	90-	122-	10344
C7 (27)	19/09/21	07:14:57	07:28:12	00:06:32	-----	245-	74-	58-	9678
S2 (113)	19/09/21	07:16:40	07:29:02	00:00:50	-----	304-	87-	127-	27775

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
B6 (18)	19/09/21	07:25:15	07:38:26	00:09:23	-----	298-	67-	132-	10327
T4 (114)	19/09/21	07:34:18	07:46:29	00:08:03	-----	252-	53-	52-	27654
S3 (112)	19/09/21	07:51:46	08:03:49	00:12:03	00:05:16	298-	51-	143-	27770
C3 (23)	19/09/21	07:52:27	08:05:31	00:01:41	-----	258-	52-	57-	9650
B1 (13)	19/09/21	08:05:28	08:18:17	00:12:46	-----	294-	46-	143-	10233
B7 (19)	19/09/21	08:06:08	08:18:40	00:00:23	-----	292-	39-	149-	10327
T1 (118)	19/09/21	08:09:00	08:20:47	00:02:07	-----	266-	36-	51-	27568
C1 (21)	19/09/21	08:10:53	08:23:44	00:02:56	-----	266-	43-	58-	9634
B8 (20)	19/09/21	08:16:45	08:29:01	00:05:17	-----	290-	34-	153-	10340
B3 (15)	19/09/21	08:26:44	08:38:58	00:09:56	-----	289-	33-	155-	10345
S4 (119)	19/09/21	08:27:44	08:38:55	00:00:03	-----	290-	29-	159-	27687
S1 (116)	19/09/21	08:27:52	08:38:56	00:00:01	-----	289-	28-	161-	27688
K6 (106)	19/09/21	08:35:23	08:40:30	00:01:33	-----	152-	8-	101-	27621
B2 (14)	19/09/21	08:39:49	08:51:30	00:11:00	-----	286-	27-	161-	10327
T2 (110)	19/09/21	08:43:52	08:55:11	00:03:40	-----	279-	28-	52-	27652
G2 (04)	19/09/21	08:49:48	08:59:25	00:04:14	-----	103-	17-	3-	12445
B4 (16)	19/09/21	08:54:42	09:05:32	00:06:06	-----	282-	20-	171-	10345
S2 (113)	19/09/21	09:01:25	09:10:42	00:05:10	-----	278-	16-	180-	27776
C7 (27)	19/09/21	09:01:34	09:14:00	00:03:17	-----	281-	33-	61-	9679
B6 (18)	19/09/21	09:12:12	09:21:17	00:07:17	-----	272-	14-	185-	10328
T4 (114)	19/09/21	09:19:31	09:30:25	00:09:07	-----	289-	24-	54-	27655
S3 (112)	19/09/21	09:38:07	09:43:19	00:05:11	00:07:42	256-	7-	211-	27771
C3 (23)	19/09/21	09:39:18	09:51:34	00:08:15	-----	290-	31-	66-	9651
B1 (13)	19/09/21	09:53:46	09:59:25	00:05:39	00:02:12	255-	8-	208-	10234
T1 (118)	19/09/21	09:54:22	10:05:04	00:05:39	-----	298-	22-	60-	27569
C1 (21)	19/09/21	09:57:43	10:09:58	00:04:54	-----	294-	30-	70-	9635
K6 (106)	19/09/21	10:14:22	10:26:00	00:11:38	00:04:23	218-	52-	61-	27622
G2 (04)	19/09/21	10:26:15	10:38:48	00:12:32	00:00:15	162-	68-	332-	12446
T2 (110)	19/09/21	10:29:06	10:39:53	00:01:04	-----	305-	23-	67-	27653
K7 (107)	19/09/21	10:42:04	10:49:20	00:07:15	00:02:11	165-	10-	93-	26681
C7 (27)	19/09/21	10:48:10	11:00:39	00:11:18	-----	300-	34-	82-	9680
T4 (114)	19/09/21	11:04:25	11:15:29	00:11:03	00:03:46	308-	26-	77-	27656
K3 (103)	19/09/21	11:16:08	11:26:18	00:10:09	00:00:39	185-	20-	75-	26682
C3 (23)	19/09/21	11:25:36	11:38:24	00:12:06	-----	303-	41-	93-	9652
T1 (118)	19/09/21	11:38:49	11:50:24	00:11:34	00:00:25	310-	32-	89-	27570
T3 (105)	19/09/21	11:39:14	11:51:05	00:00:41	-----	202-	33-	67-	26729
C1 (21)	19/09/21	11:43:49	11:56:49	00:05:43	-----	303-	49-	100-	9636
K9 (109)	19/09/21	11:49:07	12:00:46	00:03:57	-----	207-	38-	65-	26682
K6 (106)	19/09/21	11:57:41	12:09:02	00:08:16	-----	264-	37-	50-	27623
K4 (104)	19/09/21	12:05:09	12:15:34	00:06:31	-----	189-	22-	73-	26843
G2 (04)	19/09/21	12:09:49	12:13:22	00:02:01	-----	242-	6-	279-	12447
T2 (110)	19/09/21	12:13:11	12:25:12	00:11:50	-----	309-	44-	102-	27654
K7 (107)	19/09/21	12:22:37	12:34:51	00:09:38	-----	223-	63-	59-	26682
C7 (27)	19/09/21	12:33:56	12:47:12	00:12:20	-----	301-	79-	117-	9681
T4 (114)	19/09/21	12:48:15	13:00:33	00:12:17	00:01:03	307-	65-	115-	27657
K3 (103)	19/09/21	12:58:22	13:10:44	00:10:10	-----	239-	79-	55-	26683
C3 (23)	19/09/21	13:11:17	13:24:27	00:13:09	00:00:33	298-	68-	132-	9653
T1 (118)	19/09/21	13:22:33	13:34:54	00:10:27	-----	302-	77-	131-	27571
T3 (105)	19/09/21	13:23:16	13:35:57	00:01:02	-----	251-	56-	53-	26730
C1 (21)	19/09/21	13:29:32	13:42:24	00:06:27	-----	295-	50-	141-	9637

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
K9 (109)	19/09/21	13:32:34	13:44:41	00:02:16	-----	255-	49-	52-	26683
K6 (106)	19/09/21	13:42:21	13:52:27	00:07:45	-----	298-	21-	56-	27624
K4 (104)	19/09/21	13:47:42	14:00:00	00:07:32	-----	242-	72-	54-	26844
T2 (110)	19/09/21	13:57:01	14:08:57	00:08:58	-----	296-	45-	146-	27655
K7 (107)	19/09/21	14:06:52	14:18:36	00:09:38	-----	267-	36-	51-	26683
C7 (27)	19/09/21	14:20:03	14:31:32	00:11:28	00:01:27	285-	25-	164-	9682
T4 (114)	19/09/21	14:32:26	14:43:19	00:10:53	00:00:53	288-	26-	164-	27658
K3 (103)	19/09/21	14:43:15	14:54:29	00:11:10	-----	280-	28-	52-	26684
C3 (23)	19/09/21	14:58:13	15:07:25	00:09:12	00:03:43	272-	14-	185-	9654
T1 (118)	19/09/21	15:07:33	15:16:11	00:08:38	00:00:08	275-	14-	185-	27572
T3 (105)	19/09/21	15:09:20	15:20:46	00:04:34	-----	288-	25-	55-	26731
C1 (21)	19/09/21	15:17:28	15:23:58	00:03:11	-----	259-	9-	203-	9638
K9 (109)	19/09/21	15:17:50	15:28:41	00:04:42	-----	291-	23-	55-	26684
K6 (106)	19/09/21	15:26:10	15:37:00	00:08:19	-----	311-	28-	84-	27625
K4 (104)	19/09/21	15:32:45	15:43:54	00:06:53	-----	282-	27-	52-	26845
K7 (107)	19/09/21	15:52:14	16:02:55	00:10:40	00:08:19	299-	22-	60-	26684
R3 (115)	19/09/21	16:22:04	16:29:20	00:07:16	00:19:08	166-	11-	93-	27814
D8 (36)	19/09/21	16:25:20	16:34:11	00:04:50	-----	174-	13-	92-	3413
K3 (103)	19/09/21	16:28:26	16:39:13	00:05:01	-----	305-	23-	68-	26685
D3 (31)	19/09/21	16:32:45	16:44:14	00:05:01	-----	194-	25-	75-	3324
R1 (117)	19/09/21	16:46:12	16:54:53	00:08:40	00:01:58	175-	14-	84-	27810
D2 (30)	19/09/21	16:48:54	17:00:14	00:05:21	-----	195-	24-	76-	3361
D4 (32)	19/09/21	16:49:57	17:01:43	00:01:28	-----	198-	27-	74-	3408
T3 (105)	19/09/21	16:55:07	17:06:43	00:05:00	-----	307-	27-	78-	26732
K9 (109)	19/09/21	17:02:39	17:13:49	00:07:05	-----	309-	26-	79-	26685
D7 (35)	19/09/21	17:05:45	17:17:04	00:03:15	-----	195-	24-	77-	3395
K6 (106)	19/09/21	17:09:09	17:21:00	00:03:56	-----	304-	90-	126-	27626
K4 (104)	19/09/21	17:17:58	17:28:50	00:07:49	-----	306-	23-	70-	26846
R2 (108)	19/09/21	17:33:19	17:44:38	00:11:18	00:04:29	201-	31-	68-	28882
K7 (107)	19/09/21	17:36:39	17:48:15	00:03:36	-----	310-	33-	90-	26685
D6 (34)	19/09/21	17:37:49	17:50:20	00:02:05	-----	210-	39-	67-	3418
R3 (115)	19/09/21	18:02:24	18:14:32	00:12:07	00:12:04	224-	64-	59-	27815
A7 (11)	19/09/21	18:05:02	18:12:40	00:01:05	-----	167-	11-	93-	13929
D8 (36)	19/09/21	18:08:05	18:21:14	00:08:34	-----	227-	65-	63-	3414
A6 (10)	19/09/21	18:10:35	18:18:33	00:02:04	-----	169-	11-	92-	13929
K3 (103)	19/09/21	18:12:29	18:24:32	00:05:58	-----	309-	45-	103-	26686
A2 (06)	19/09/21	18:15:40	18:24:26	00:00:05	-----	174-	13-	88-	13929
D3 (31)	19/09/21	18:17:06	18:30:21	00:05:54	-----	243-	78-	58-	3325
R1 (117)	19/09/21	18:27:32	18:39:52	00:09:30	-----	230-	78-	57-	27811
A1 (05)	19/09/21	18:32:24	18:42:30	00:02:37	-----	185-	17-	81-	13929
D2 (30)	19/09/21	18:33:09	18:46:24	00:03:54	-----	242-	81-	59-	3362
D4 (32)	19/09/21	18:34:33	18:47:48	00:01:23	-----	245-	73-	58-	3409
T3 (105)	19/09/21	18:39:50	18:52:38	00:04:50	-----	306-	66-	116-	26733
A4 (08)	19/09/21	18:40:20	18:51:12	00:01:02	-----	192-	22-	79-	13927
K9 (109)	19/09/21	18:46:27	18:58:48	00:07:35	-----	306-	71-	118-	26686
A3 (07)	19/09/21	18:49:26	19:00:31	00:01:43	-----	192-	23-	77-	13930
D7 (35)	19/09/21	18:49:59	19:03:14	00:02:43	-----	241-	82-	59-	3396
K6 (106)	19/09/21	18:53:08	19:02:05	00:01:09	-----	278-	16-	180-	27627
K4 (104)	19/09/21	19:02:02	19:14:15	00:12:09	-----	308-	49-	106-	26847
A8 (12)	19/09/21	19:09:37	19:21:36	00:07:21	-----	205-	33-	69-	13930

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
A5 (09)	19/09/21	19:16:03	19:28:11	00:06:35	-----	207-	35-	69-	13927
R2 (108)	19/09/21	19:16:26	19:28:40	00:00:28	-----	250-	56-	53-	28883
K7 (107)	19/09/21	19:20:23	19:32:43	00:04:02	-----	302-	75-	132-	26686
D6 (34)	19/09/21	19:23:01	19:36:09	00:03:26	-----	254-	57-	57-	3419
R3 (115)	19/09/21	19:46:24	19:58:00	00:11:35	00:10:14	268-	35-	51-	27816
A7 (11)	19/09/21	19:46:50	19:59:37	00:01:37	-----	223-	57-	64-	13930
A6 (10)	19/09/21	19:52:32	20:05:22	00:05:44	-----	224-	59-	64-	13930
D8 (36)	19/09/21	19:54:04	20:06:56	00:01:33	-----	267-	43-	57-	3415
K3 (103)	19/09/21	19:56:20	20:08:12	00:01:16	-----	296-	43-	148-	26687
A2 (06)	19/09/21	19:58:02	20:10:57	00:02:45	-----	227-	66-	62-	13930
D3 (31)	19/09/21	20:03:40	20:16:08	00:05:10	-----	279-	34-	59-	3326
R1 (117)	19/09/21	20:12:03	20:23:35	00:07:27	-----	272-	32-	51-	27812
A1 (05)	19/09/21	20:15:31	20:28:33	00:04:57	-----	234-	82-	60-	13930
D2 (30)	19/09/21	20:19:40	20:32:10	00:03:37	-----	278-	34-	59-	3363
D4 (32)	19/09/21	20:21:14	20:33:40	00:01:30	-----	281-	33-	59-	3410
A4 (08)	19/09/21	20:23:57	20:36:59	00:03:18	-----	239-	86-	59-	13928
T3 (105)	19/09/21	20:24:53	20:36:14	00:00:04	-----	289-	27-	163-	26734
K9 (109)	19/09/21	20:30:44	20:41:18	00:05:04	-----	286-	23-	167-	26687
A3 (07)	19/09/21	20:33:12	20:46:13	00:04:54	-----	241-	81-	59-	13931
D7 (35)	19/09/21	20:36:30	20:49:00	00:02:45	-----	278-	34-	58-	3397
K4 (104)	19/09/21	20:46:02	20:57:52	00:08:52	-----	294-	38-	151-	26848
A8 (12)	19/09/21	20:54:05	21:07:01	00:09:08	-----	251-	63-	58-	13931
A5 (09)	19/09/21	21:00:38	21:13:32	00:06:30	-----	252-	60-	57-	13928
R2 (108)	19/09/21	21:01:37	21:12:34	00:00:05	-----	288-	24-	54-	28884
K7 (107)	19/09/21	21:05:28	21:13:53	00:01:18	-----	273-	13-	188-	26687
D6 (34)	19/09/21	21:09:49	21:22:08	00:08:14	-----	287-	31-	64-	3420
R3 (115)	19/09/21	21:31:28	21:42:01	00:10:32	00:09:20	300-	22-	60-	27817
A7 (11)	19/09/21	21:32:11	21:44:49	00:02:48	-----	264-	45-	56-	13931
A6 (10)	19/09/21	21:37:57	21:50:34	00:05:44	-----	265-	44-	56-	13931
D8 (36)	19/09/21	21:40:54	21:53:12	00:02:38	-----	294-	30-	69-	3416
A2 (06)	19/09/21	21:43:34	21:56:09	00:02:56	-----	267-	41-	57-	13931
D3 (31)	19/09/21	21:50:18	22:02:45	00:06:35	-----	300-	33-	79-	3327
R1 (117)	19/09/21	21:57:21	22:08:03	00:05:17	-----	302-	22-	63-	27813
A1 (05)	19/09/21	22:01:20	22:13:45	00:05:42	-----	273-	37-	58-	13931
D2 (30)	19/09/21	22:06:20	22:18:46	00:05:00	-----	300-	33-	78-	3364
D4 (32)	19/09/21	22:07:53	22:20:24	00:01:37	-----	300-	34-	81-	3411
A4 (08)	19/09/21	22:09:56	22:22:13	00:01:48	-----	277-	35-	58-	13929
S3 (112)	19/09/21	22:17:14	22:23:00	00:00:47	-----	157-	8-	102-	27779
A3 (07)	19/09/21	22:19:14	22:31:29	00:08:29	-----	278-	34-	58-	13932
D7 (35)	19/09/21	22:23:10	22:35:34	00:04:05	-----	299-	33-	78-	3398
A8 (12)	19/09/21	22:40:20	22:52:24	00:12:04	00:04:45	285-	31-	62-	13932
B7 (19)	19/09/21	22:43:30	22:52:40	00:00:15	-----	176-	14-	87-	10336
B1 (13)	19/09/21	22:43:43	22:51:36	00:01:03	-----	167-	11-	94-	10242
G2 (04)	19/09/21	22:44:10	22:53:53	00:02:16	-----	52-	16-	153-	12453
R2 (108)	19/09/21	22:46:34	22:57:35	00:03:42	-----	308-	25-	75-	28885
A5 (09)	19/09/21	22:46:56	22:58:57	00:01:21	-----	286-	31-	61-	13929
S1 (116)	19/09/21	22:50:41	23:00:22	00:01:24	-----	183-	18-	78-	27697
S4 (119)	19/09/21	22:50:43	23:00:11	00:00:01	-----	181-	17-	79-	27696
B8 (20)	19/09/21	22:53:34	23:03:28	00:03:16	-----	181-	16-	82-	10349
D6 (34)	19/09/21	22:56:12	23:08:56	00:05:28	-----	302-	39-	89-	3421

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
B3 (15)	19/09/21	23:03:23	23:13:28	00:04:32	-----	183-	17-	81-	10354
R3 (115)	19/09/21	23:15:36	23:27:04	00:11:27	00:02:07	310-	32-	90-	27818
B2 (14)	19/09/21	23:15:45	23:26:42	00:00:02	-----	191-	21-	77-	10336
A7 (11)	19/09/21	23:18:34	23:30:31	00:03:49	-----	293-	30-	66-	13932
S2 (113)	19/09/21	23:22:34	23:33:50	00:03:19	-----	200-	30-	68-	27785
A6 (10)	19/09/21	23:24:19	23:36:17	00:02:26	-----	293-	30-	67-	13932
D8 (36)	19/09/21	23:27:00	23:40:03	00:03:46	-----	303-	50-	100-	3417
B4 (16)	19/09/21	23:29:40	23:41:25	00:01:21	-----	197-	27-	74-	10354
A2 (06)	19/09/21	23:29:56	23:41:56	00:00:31	-----	295-	30-	70-	13932
D3 (31)	19/09/21	23:36:05	23:49:22	00:07:25	-----	302-	74-	115-	3328
R1 (117)	19/09/21	23:41:37	23:53:24	00:04:01	-----	310-	37-	95-	27814
B6 (18)	19/09/21	23:46:08	23:58:40	00:05:16	-----	209-	39-	67-	10337
A1 (05)	19/09/21	23:47:39	23:59:42	00:01:02	-----	298-	31-	74-	13932
D2 (30)	19/09/21	23:52:08	00:05:25	00:05:43	-----	302-	72-	114-	3365
D4 (32)	19/09/21	23:53:42	00:07:01	00:01:35	-----	301-	80-	118-	3412
A4 (08)	19/09/21	23:56:11	00:08:15	00:01:14	-----	299-	31-	76-	13930
S3 (112)	19/09/21	23:56:59	00:09:07	00:00:51	-----	219-	53-	61-	27780
A3 (07)	19/09/22	00:05:27	00:17:35	00:08:28	-----	300-	32-	77-	13933
D7 (35)	19/09/22	00:08:58	00:22:14	00:04:38	-----	302-	71-	113-	3399
G2 (04)	19/09/22	00:21:25	00:34:03	00:11:49	-----	19-	61-	217-	12454
B1 (13)	19/09/22	00:25:57	00:39:02	00:04:59	-----	223-	57-	64-	10243
A8 (12)	19/09/22	00:26:21	00:38:40	00:00:02	-----	302-	35-	85-	13933
B7 (19)	19/09/22	00:26:23	00:39:35	00:00:54	-----	228-	67-	62-	10337
R2 (108)	19/09/22	00:30:25	00:42:42	00:03:07	-----	307-	61-	113-	28886
S4 (119)	19/09/22	00:32:29	00:44:53	00:02:10	-----	234-	89-	56-	27697
S1 (116)	19/09/22	00:32:35	00:45:00	00:00:06	-----	235-	88-	56-	27698
A5 (09)	19/09/22	00:32:54	00:45:14	00:00:14	-----	302-	36-	85-	13930
B8 (20)	19/09/22	00:36:54	00:50:08	00:04:53	-----	232-	76-	61-	10350
D6 (34)	19/09/22	00:41:54	00:55:10	00:05:02	-----	299-	78-	127-	3422
B3 (15)	19/09/22	00:46:49	01:00:05	00:04:54	-----	233-	78-	61-	10355
R3 (115)	19/09/22	00:59:03	01:11:14	00:11:09	-----	302-	74-	132-	27819
B2 (14)	19/09/22	00:59:42	01:13:00	00:01:46	-----	238-	89-	60-	10337
A7 (11)	19/09/22	01:04:14	01:16:53	00:03:52	-----	303-	45-	96-	13933
S2 (113)	19/09/22	01:05:37	01:17:54	00:01:01	-----	249-	58-	53-	27786
A6 (10)	19/09/22	01:09:58	01:22:39	00:04:44	-----	303-	46-	97-	13933
D8 (36)	19/09/22	01:12:43	01:25:38	00:02:58	-----	295-	49-	142-	3418
B4 (16)	19/09/22	01:14:09	01:27:26	00:01:48	-----	245-	74-	58-	10355
A2 (06)	19/09/22	01:15:31	01:28:18	00:00:51	-----	303-	49-	101-	13933
D3 (31)	19/09/22	01:22:08	01:33:53	00:05:35	-----	287-	27-	161-	3329
R1 (117)	19/09/22	01:25:22	01:37:34	00:03:41	-----	300-	60-	138-	27815
B6 (18)	19/09/22	01:31:18	01:44:29	00:06:54	-----	254-	58-	58-	10338
A1 (05)	19/09/22	01:33:06	01:46:00	00:01:31	-----	303-	58-	107-	13933
D2 (30)	19/09/22	01:38:08	01:50:02	00:04:01	-----	287-	28-	160-	3366
D4 (32)	19/09/22	01:39:53	01:51:23	00:01:20	-----	285-	24-	165-	3413
S3 (112)	19/09/22	01:41:00	01:52:54	00:01:30	-----	263-	39-	51-	27781
A4 (08)	19/09/22	01:41:33	01:54:28	00:01:34	-----	302-	66-	111-	13931
A3 (07)	19/09/22	01:50:47	02:03:46	00:09:17	-----	302-	70-	113-	13934
D7 (35)	19/09/22	01:54:58	02:06:52	00:03:06	-----	288-	29-	159-	3400
G2 (04)	19/09/22	02:01:54	02:08:31	00:01:38	-----	346-	9-	286-	12455
A8 (12)	19/09/22	02:11:35	02:24:35	00:13:00	00:03:04	300-	90-	122-	13934

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
B1 (13)	19/09/22	02:11:46	02:24:44	00:00:08	-----	264-	46-	58-	10244
B7 (19)	19/09/22	02:12:24	02:25:15	00:00:31	-----	268-	42-	58-	10338
R2 (108)	19/09/22	02:14:32	02:25:38	00:00:22	-----	289-	28-	161-	28887
S4 (119)	19/09/22	02:17:11	02:28:38	00:03:00	-----	276-	30-	51-	27698
S1 (116)	19/09/22	02:17:20	02:28:44	00:00:06	-----	277-	29-	51-	27699
A5 (09)	19/09/22	02:18:07	02:31:06	00:02:22	-----	300-	85-	124-	13931
B8 (20)	19/09/22	02:23:05	02:35:49	00:04:42	-----	271-	39-	58-	10351
D6 (34)	19/09/22	02:28:30	02:38:38	00:02:49	-----	277-	17-	177-	3423
B3 (15)	19/09/22	02:33:02	02:45:46	00:07:07	-----	271-	39-	58-	10356
R3 (115)	19/09/22	02:43:53	02:52:06	00:06:19	-----	273-	13-	189-	27820
B2 (14)	19/09/22	02:46:07	02:58:43	00:06:37	-----	276-	36-	59-	10338
A7 (11)	19/09/22	02:49:27	03:02:12	00:03:28	-----	296-	55-	138-	13934
S2 (113)	19/09/22	02:50:47	03:01:47	00:00:02	-----	287-	25-	53-	27787
A6 (10)	19/09/22	02:55:12	03:07:54	00:06:06	-----	295-	53-	139-	13934
B4 (16)	19/09/22	03:00:45	03:13:13	00:05:19	-----	280-	33-	59-	10356
D8 (36)	19/09/22	03:00:45	03:07:06	00:06:07	-----	261-	8-	201-	3419
A2 (06)	19/09/22	03:00:46	03:13:23	00:06:17	-----	294-	48-	142-	13934
R1 (117)	19/09/22	03:11:02	03:17:55	00:04:31	-----	265-	10-	200-	27816
B6 (18)	19/09/22	03:18:05	03:30:26	00:12:20	00:00:10	287-	31-	64-	10339
A1 (05)	19/09/22	03:18:27	03:30:42	00:00:16	-----	291-	37-	150-	13934
S3 (112)	19/09/22	03:26:21	03:37:05	00:06:23	-----	297-	22-	58-	27782
A4 (08)	19/09/22	03:27:00	03:38:48	00:01:43	-----	289-	31-	157-	13932
A3 (07)	19/09/22	03:36:18	03:47:58	00:09:10	-----	287-	29-	159-	13935
A8 (12)	19/09/22	03:57:28	04:08:00	00:10:31	00:09:29	280-	20-	171-	13935
B1 (13)	19/09/22	03:58:37	04:10:55	00:02:55	-----	293-	31-	69-	10245
B7 (19)	19/09/22	03:59:14	04:11:32	00:00:37	-----	295-	31-	71-	10339
S4 (119)	19/09/22	04:02:28	04:13:13	00:01:40	-----	303-	23-	65-	27699
S1 (116)	19/09/22	04:02:36	04:13:21	00:00:08	-----	304-	23-	66-	27700
A5 (09)	19/09/22	04:04:05	04:14:22	00:01:00	-----	280-	18-	174-	13932
C1 (21)	19/09/22	04:08:09	04:15:21	00:00:58	-----	164-	10-	97-	9646
B8 (20)	19/09/22	04:09:53	04:22:11	00:06:50	-----	296-	31-	73-	10352
B3 (15)	19/09/22	04:19:49	04:32:09	00:09:58	-----	297-	31-	74-	10357
T2 (110)	19/09/22	04:21:47	04:28:41	00:03:02	-----	163-	10-	96-	27664
B2 (14)	19/09/22	04:32:50	04:45:14	00:12:23	00:04:09	299-	32-	77-	10339
S2 (113)	19/09/22	04:35:46	04:46:47	00:01:33	-----	308-	25-	75-	27788
A7 (11)	19/09/22	04:36:30	04:43:51	00:02:05	-----	266-	10-	195-	13935
A6 (10)	19/09/22	04:42:23	04:49:22	00:05:31	-----	264-	9-	197-	13935
B4 (16)	19/09/22	04:47:20	04:59:51	00:10:28	-----	300-	34-	80-	10357
A2 (06)	19/09/22	04:48:24	04:54:18	00:05:03	-----	256-	8-	206-	13935
T4 (114)	19/09/22	04:55:01	05:04:57	00:09:56	00:00:42	186-	19-	77-	27667
C7 (27)	19/09/22	04:55:51	05:07:00	00:02:02	-----	193-	22-	76-	9691
B6 (18)	19/09/22	05:04:29	05:17:13	00:10:12	-----	302-	38-	89-	10340
S3 (112)	19/09/22	05:10:55	05:22:22	00:05:09	-----	310-	30-	86-	27783
T1 (118)	19/09/22	05:28:18	05:39:48	00:11:30	00:05:55	204-	34-	66-	27581
C3 (23)	19/09/22	05:32:19	05:44:49	00:05:00	-----	209-	38-	67-	9663
B1 (13)	19/09/22	05:44:48	05:57:46	00:12:57	-----	303-	46-	98-	10246
B7 (19)	19/09/22	05:45:18	05:58:22	00:00:35	-----	303-	51-	102-	10340
S4 (119)	19/09/22	05:46:38	05:58:34	00:00:12	-----	309-	40-	99-	27700
S1 (116)	19/09/22	05:46:44	05:58:41	00:00:07	-----	309-	41-	100-	27701
C1 (21)	19/09/22	05:50:03	06:03:01	00:04:19	-----	221-	53-	64-	9647

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
B8 (20)	19/09/22	05:55:52	06:08:59	00:05:58	-----	303-	56-	105-	10353
T2 (110)	19/09/22	06:02:08	06:14:21	00:05:22	-----	222-	60-	60-	27665
B3 (15)	19/09/22	06:05:47	06:18:56	00:04:35	-----	303-	57-	106-	10358
B2 (14)	19/09/22	06:18:42	06:31:56	00:12:59	-----	302-	66-	111-	10340
S2 (113)	19/09/22	06:19:38	06:31:55	00:00:00	-----	307-	59-	112-	27789
B4 (16)	19/09/22	06:33:05	06:46:22	00:13:17	00:01:10	301-	79-	117-	10358
T4 (114)	19/09/22	06:37:06	06:49:29	00:03:06	-----	237-	83-	55-	27668
C7 (27)	19/09/22	06:39:58	06:53:14	00:03:44	-----	240-	85-	59-	9692
B6 (18)	19/09/22	06:50:11	07:03:26	00:10:12	-----	299-	79-	127-	10341
S3 (112)	19/09/22	06:54:39	07:07:02	00:03:35	-----	303-	86-	127-	27784
T1 (118)	19/09/22	07:11:35	07:23:46	00:12:11	00:04:33	252-	52-	52-	27582
C3 (23)	19/09/22	07:17:29	07:30:39	00:06:52	-----	254-	58-	58-	9664
S4 (119)	19/09/22	07:30:26	07:42:31	00:11:52	-----	298-	52-	142-	27701
B1 (13)	19/09/22	07:30:30	07:43:32	00:01:00	-----	296-	55-	138-	10247
S1 (116)	19/09/22	07:30:33	07:42:35	00:00:05	-----	297-	49-	144-	27702
B7 (19)	19/09/22	07:31:03	07:43:51	00:01:16	-----	294-	47-	143-	10341
C1 (21)	19/09/22	07:35:45	07:48:42	00:04:51	-----	262-	47-	57-	9648
B8 (20)	19/09/22	07:41:39	07:54:15	00:05:32	-----	292-	40-	147-	10354
T2 (110)	19/09/22	07:46:19	07:58:06	00:03:51	-----	266-	37-	51-	27666
B3 (15)	19/09/22	07:51:35	08:04:09	00:06:02	-----	292-	39-	148-	10359
S2 (113)	19/09/22	08:03:44	08:14:54	00:10:44	-----	290-	29-	159-	27790
B2 (14)	19/09/22	08:04:37	08:16:48	00:01:53	-----	289-	32-	155-	10341
B4 (16)	19/09/22	08:19:12	08:30:42	00:11:30	00:02:24	285-	25-	164-	10359
T4 (114)	19/09/22	08:21:55	08:33:14	00:02:31	-----	278-	28-	51-	27669
G2 (04)	19/09/22	08:23:16	08:29:35	00:03:03	-----	79-	9-	16-	12459
C7 (27)	19/09/22	08:26:26	08:38:58	00:09:22	-----	277-	35-	60-	9693
B6 (18)	19/09/22	08:36:46	08:46:54	00:07:56	-----	277-	17-	177-	10342
S3 (112)	19/09/22	08:39:25	08:48:41	00:01:46	-----	278-	16-	180-	27785
T1 (118)	19/09/22	08:56:49	09:07:43	00:10:54	00:08:08	290-	24-	54-	27583
C3 (23)	19/09/22	09:04:17	09:16:36	00:08:52	-----	287-	31-	64-	9665
K6 (106)	19/09/22	09:08:43	09:19:09	00:02:33	-----	194-	25-	71-	27636
S4 (119)	19/09/22	09:16:44	09:22:06	00:02:56	-----	257-	8-	210-	27702
S1 (116)	19/09/22	09:17:05	09:21:52	00:00:01	-----	254-	7-	213-	27703
B1 (13)	19/09/22	09:18:02	09:25:38	00:03:46	-----	265-	10-	196-	10248
B7 (19)	19/09/22	09:19:17	09:25:03	00:00:03	-----	255-	8-	208-	10342
C1 (21)	19/09/22	09:22:36	09:34:50	00:09:47	-----	292-	30-	68-	9649
B8 (20)	19/09/22	09:31:00	09:34:12	00:00:03	-----	249-	6-	217-	10355
T2 (110)	19/09/22	09:31:40	09:42:23	00:08:10	-----	298-	22-	60-	27667
G2 (04)	19/09/22	09:57:41	10:10:08	00:12:26	00:15:17	142-	60-	342-	12460
T4 (114)	19/09/22	10:07:09	10:17:54	00:07:46	-----	304-	23-	67-	27670
C7 (27)	19/09/22	10:13:08	10:25:31	00:07:37	-----	299-	32-	78-	9694
K3 (103)	19/09/22	10:20:52	10:28:07	00:02:36	-----	165-	10-	93-	26696
T1 (118)	19/09/22	10:41:42	10:52:48	00:11:06	00:13:34	308-	26-	77-	27584
C3 (23)	19/09/22	10:50:42	11:03:23	00:10:34	-----	302-	38-	89-	9666
K6 (106)	19/09/22	10:50:46	11:02:36	00:00:04	-----	245-	64-	53-	27637
K9 (109)	19/09/22	10:53:00	11:03:18	00:00:42	-----	187-	21-	74-	26696
T3 (105)	19/09/22	10:54:19	11:05:12	00:01:54	-----	189-	23-	73-	26743
C1 (21)	19/09/22	11:08:48	11:21:41	00:12:53	00:03:35	303-	44-	96-	9650
K4 (104)	19/09/22	11:11:00	11:19:02	00:02:03	-----	171-	12-	88-	26857
T2 (110)	19/09/22	11:16:08	11:27:42	00:08:40	-----	310-	32-	89-	27668

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
K7 (107)	19/09/22	11:26:05	11:37:39	00:09:56	-----	206-	36-	66-	26696
G2 (04)	19/09/22	11:37:51	11:47:23	00:09:32	00:00:11	206-	16-	304-	12461
T4 (114)	19/09/22	11:51:15	12:03:14	00:11:58	00:03:51	309-	43-	101-	27671
C7 (27)	19/09/22	11:58:58	12:12:11	00:08:57	-----	302-	69-	113-	9695
K3 (103)	19/09/22	12:01:25	12:13:39	00:01:27	-----	223-	63-	59-	26697
T1 (118)	19/09/22	12:25:31	12:37:51	00:12:20	00:11:52	307-	66-	116-	27585
K6 (106)	19/09/22	12:35:09	12:45:39	00:07:47	-----	285-	24-	51-	27638
K9 (109)	19/09/22	12:35:20	12:47:41	00:02:02	-----	240-	76-	55-	26697
C3 (23)	19/09/22	12:36:24	12:49:39	00:01:57	-----	299-	80-	126-	9667
T3 (105)	19/09/22	12:37:35	12:50:24	00:00:45	-----	241-	74-	55-	26744
K4 (104)	19/09/22	12:52:06	13:04:20	00:12:13	00:01:41	227-	72-	58-	26858
C1 (21)	19/09/22	12:54:29	13:07:32	00:03:12	-----	297-	59-	136-	9651
T2 (110)	19/09/22	12:59:52	13:12:14	00:04:41	-----	302-	78-	130-	27669
K7 (107)	19/09/22	13:09:27	13:21:36	00:09:22	-----	253-	51-	52-	26697
T4 (114)	19/09/22	13:35:04	13:47:00	00:11:55	00:13:28	297-	46-	146-	27672
C7 (27)	19/09/22	13:44:55	13:56:56	00:09:55	-----	288-	30-	157-	9696
K3 (103)	19/09/22	13:45:40	13:57:23	00:00:27	-----	267-	36-	51-	26698
T1 (118)	19/09/22	14:09:43	14:20:34	00:10:51	00:12:20	288-	25-	164-	27586
K6 (106)	19/09/22	14:19:30	14:29:47	00:09:12	-----	308-	22-	70-	27639
K9 (109)	19/09/22	14:20:15	14:31:28	00:01:41	-----	281-	27-	52-	26698
C3 (23)	19/09/22	14:22:59	14:33:08	00:01:40	-----	278-	17-	176-	9668
T3 (105)	19/09/22	14:23:23	14:35:05	00:01:56	-----	281-	28-	53-	26745
K4 (104)	19/09/22	14:36:36	14:48:10	00:11:34	00:01:31	270-	33-	51-	26859
C1 (21)	19/09/22	14:41:46	14:49:56	00:01:46	-----	267-	11-	192-	9652
T2 (110)	19/09/22	14:44:51	14:53:31	00:03:35	-----	275-	14-	185-	27670
K7 (107)	19/09/22	14:54:42	15:05:34	00:10:51	00:01:10	290-	24-	55-	26698
T4 (114)	19/09/22	15:22:09	15:25:41	00:03:31	00:16:35	252-	6-	216-	27673
K3 (103)	19/09/22	15:31:01	15:41:42	00:10:40	00:05:19	299-	22-	60-	26699
D8 (36)	19/09/22	15:51:17	15:58:42	00:07:24	00:09:35	165-	10-	95-	3427
D3 (31)	19/09/22	15:58:13	16:09:05	00:10:22	-----	190-	21-	79-	3338
K6 (106)	19/09/22	16:02:41	16:14:19	00:05:13	-----	309-	50-	107-	27640
K9 (109)	19/09/22	16:05:25	16:16:13	00:01:54	-----	305-	23-	69-	26699
T3 (105)	19/09/22	16:09:24	16:20:46	00:04:32	-----	305-	25-	71-	26746
D2 (30)	19/09/22	16:14:24	16:25:04	00:04:17	-----	188-	20-	81-	3375
D4 (32)	19/09/22	16:16:09	16:27:23	00:02:19	-----	192-	23-	77-	3422
K4 (104)	19/09/22	16:22:01	16:32:42	00:05:18	-----	301-	22-	62-	26860
D7 (35)	19/09/22	16:31:14	16:41:51	00:09:09	-----	188-	19-	81-	3409
R2 (108)	19/09/22	16:37:23	16:47:01	00:05:09	-----	183-	17-	78-	28896
K7 (107)	19/09/22	16:39:33	16:50:40	00:03:39	-----	309-	26-	78-	26699
R3 (115)	19/09/22	17:02:08	17:13:30	00:11:22	00:11:27	204-	34-	66-	27829
D6 (34)	19/09/22	17:03:10	17:15:20	00:01:50	-----	204-	33-	69-	3432
K3 (103)	19/09/22	17:15:26	17:27:02	00:11:35	00:00:06	310-	33-	90-	26700
R1 (117)	19/09/22	17:30:43	17:42:37	00:11:54	00:03:41	213-	45-	63-	27825
D8 (36)	19/09/22	17:33:18	17:46:18	00:03:40	-----	221-	54-	65-	3428
A2 (06)	19/09/22	17:35:45	17:42:15	00:04:03	-----	161-	9-	101-	13943
D3 (31)	19/09/22	17:42:09	17:55:25	00:13:09	-----	238-	89-	60-	3339
K6 (106)	19/09/22	17:45:55	17:56:59	00:01:34	-----	293-	34-	154-	27641
K9 (109)	19/09/22	17:49:27	18:01:32	00:04:32	-----	309-	46-	104-	26700
A1 (05)	19/09/22	17:52:07	18:00:41	00:00:05	-----	173-	12-	89-	13943
T3 (105)	19/09/22	17:54:17	18:06:54	00:06:13	-----	308-	50-	106-	26747

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
D2 (30)	19/09/22	17:58:13	18:11:27	00:04:32	-----	237-	88-	60-	3376
A4 (08)	19/09/22	17:59:49	18:09:31	00:01:05	-----	181-	16-	86-	13941
D4 (32)	19/09/22	18:00:23	18:13:39	00:04:08	-----	241-	83-	59-	3423
K4 (104)	19/09/22	18:06:25	18:18:11	00:04:32	-----	310-	35-	93-	26861
A3 (07)	19/09/22	18:08:54	18:18:55	00:00:43	-----	184-	17-	84-	13944
D7 (35)	19/09/22	18:15:01	18:28:16	00:09:20	-----	236-	87-	60-	3410
R2 (108)	19/09/22	18:19:16	18:31:38	00:03:22	-----	235-	88-	56-	28897
K7 (107)	19/09/22	18:23:21	18:35:41	00:04:02	-----	306-	68-	117-	26700
A8 (12)	19/09/22	18:28:51	18:40:09	00:04:27	-----	195-	25-	74-	13944
A5 (09)	19/09/22	18:35:15	18:46:43	00:06:34	-----	197-	27-	74-	13941
R3 (115)	19/09/22	18:45:09	18:57:11	00:10:27	-----	252-	52-	52-	27830
D6 (34)	19/09/22	18:48:03	19:01:15	00:04:03	-----	250-	65-	58-	3433
K3 (103)	19/09/22	18:59:10	19:11:29	00:10:14	-----	302-	75-	132-	26701
A7 (11)	19/09/22	19:05:51	19:18:19	00:06:50	-----	214-	43-	67-	13944
A6 (10)	19/09/22	19:11:31	19:24:03	00:05:43	-----	215-	45-	66-	13944
R1 (117)	19/09/22	19:14:27	19:26:27	00:02:24	-----	259-	44-	51-	27826
A2 (06)	19/09/22	19:16:57	19:29:38	00:03:10	-----	219-	50-	65-	13944
D8 (36)	19/09/22	19:19:02	19:32:00	00:02:22	-----	262-	47-	56-	3429
D3 (31)	19/09/22	19:28:34	19:41:08	00:09:07	-----	275-	36-	58-	3340
K9 (109)	19/09/22	19:33:20	19:45:09	00:04:01	-----	295-	41-	149-	26701
A1 (05)	19/09/22	19:34:23	19:47:18	00:02:08	-----	227-	64-	63-	13944
T3 (105)	19/09/22	19:39:04	19:51:13	00:03:55	-----	294-	39-	151-	26748
A4 (08)	19/09/22	19:42:42	19:55:42	00:04:28	-----	232-	76-	61-	13942
D2 (30)	19/09/22	19:44:35	19:57:10	00:01:28	-----	275-	36-	58-	3377
D4 (32)	19/09/22	19:46:56	19:59:27	00:02:17	-----	277-	35-	58-	3424
K4 (104)	19/09/22	19:50:15	20:02:37	00:03:09	-----	301-	66-	135-	26862
A3 (07)	19/09/22	19:51:59	20:05:00	00:02:22	-----	234-	81-	61-	13945
D7 (35)	19/09/22	20:01:22	20:13:58	00:08:58	-----	274-	37-	58-	3411
R2 (108)	19/09/22	20:04:00	20:15:23	00:01:25	-----	277-	29-	51-	28898
K7 (107)	19/09/22	20:07:36	20:18:19	00:02:55	-----	287-	24-	166-	26701
A8 (12)	19/09/22	20:12:46	20:25:47	00:07:28	-----	243-	77-	59-	13945
A5 (09)	19/09/22	20:19:18	20:32:17	00:06:30	-----	245-	73-	58-	13942
R3 (115)	19/09/22	20:30:06	20:40:51	00:08:33	-----	290-	24-	54-	27831
D6 (34)	19/09/22	20:34:46	20:47:08	00:06:17	-----	284-	32-	62-	3434
K3 (103)	19/09/22	20:44:15	20:52:40	00:05:31	-----	273-	13-	188-	26702
A7 (11)	19/09/22	20:50:48	21:03:36	00:10:56	-----	257-	52-	56-	13945
A6 (10)	19/09/22	20:56:31	21:09:18	00:05:42	-----	258-	51-	56-	13945
R1 (117)	19/09/22	20:59:46	21:10:32	00:01:13	-----	294-	23-	56-	27827
A2 (06)	19/09/22	21:02:07	21:14:52	00:04:20	-----	261-	48-	57-	13945
D8 (36)	19/09/22	21:05:53	21:18:10	00:03:17	-----	292-	30-	66-	3430
D3 (31)	19/09/22	21:15:18	21:27:39	00:09:29	-----	298-	32-	75-	3341
A1 (05)	19/09/22	21:19:54	21:32:30	00:04:50	-----	267-	42-	57-	13945
A4 (08)	19/09/22	21:28:26	21:40:53	00:08:23	-----	271-	38-	57-	13943
D2 (30)	19/09/22	21:31:19	21:43:40	00:02:46	-----	298-	32-	75-	3378
D4 (32)	19/09/22	21:33:40	21:46:06	00:02:25	-----	299-	33-	77-	3425
K4 (104)	19/09/22	21:35:44	21:43:27	00:02:03	-----	269-	11-	194-	26863
A3 (07)	19/09/22	21:37:47	21:50:12	00:06:44	-----	272-	37-	57-	13946
D7 (35)	19/09/22	21:48:07	22:00:26	00:10:14	-----	298-	32-	74-	3412
R2 (108)	19/09/22	21:49:16	22:00:00	00:00:02	-----	304-	23-	66-	28899
S1 (116)	19/09/22	21:55:48	22:01:55	00:01:55	-----	158-	9-	100-	27711

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
S4 (119)	19/09/22	21:56:00	22:01:37	00:00:01	-----	156-	8-	103-	27710
A8 (12)	19/09/22	21:58:52	22:11:04	00:09:26	-----	280-	33-	60-	13946
A5 (09)	19/09/22	22:05:27	22:17:36	00:06:31	-----	281-	33-	59-	13943
B7 (19)	19/09/22	22:09:17	22:17:05	00:00:03	-----	167-	11-	94-	10350
B1 (13)	19/09/22	22:09:53	22:15:57	00:01:07	-----	158-	8-	104-	10256
R3 (115)	19/09/22	22:14:41	22:25:38	00:09:41	-----	309-	25-	77-	27832
G2 (04)	19/09/22	22:18:04	22:22:01	00:03:03	-----	81-	6-	123-	12467
B8 (20)	19/09/22	22:19:13	22:28:04	00:06:02	-----	174-	13-	88-	10363
D6 (34)	19/09/22	22:21:16	22:33:53	00:05:48	-----	302-	36-	85-	3435
S2 (113)	19/09/22	22:26:41	22:36:12	00:02:18	-----	182-	17-	79-	27799
B3 (15)	19/09/22	22:28:59	22:38:04	00:01:52	-----	175-	13-	87-	10368
A7 (11)	19/09/22	22:37:09	22:49:08	00:11:04	-----	289-	30-	63-	13946
B2 (14)	19/09/22	22:41:12	22:51:22	00:02:13	-----	183-	17-	81-	10350
A6 (10)	19/09/22	22:42:53	22:54:51	00:03:29	-----	290-	30-	64-	13946
R1 (117)	19/09/22	22:44:27	22:55:45	00:00:53	-----	309-	28-	82-	27828
A2 (06)	19/09/22	22:48:29	23:00:29	00:04:44	-----	291-	30-	66-	13946
D8 (36)	19/09/22	22:52:04	23:05:02	00:04:32	-----	303-	45-	95-	3431
B4 (16)	19/09/22	22:54:46	23:05:57	00:00:55	-----	193-	22-	78-	10368
S3 (112)	19/09/22	23:00:34	23:11:50	00:05:53	-----	200-	30-	68-	27794
D3 (31)	19/09/22	23:01:09	23:14:23	00:02:32	-----	302-	65-	110-	3342
A1 (05)	19/09/22	23:06:16	23:18:16	00:03:53	-----	295-	30-	70-	13946
B6 (18)	19/09/22	23:11:20	23:23:31	00:05:14	-----	203-	32-	70-	10351
A4 (08)	19/09/22	23:14:46	23:26:46	00:03:15	-----	297-	30-	71-	13944
D2 (30)	19/09/22	23:17:12	23:30:25	00:03:39	-----	303-	63-	109-	3379
D4 (32)	19/09/22	23:19:33	23:32:49	00:02:24	-----	302-	70-	113-	3426
A3 (07)	19/09/22	23:24:05	23:36:07	00:03:18	-----	297-	30-	72-	13947
R2 (108)	19/09/22	23:33:24	23:45:21	00:09:13	-----	309-	41-	100-	28900
D7 (35)	19/09/22	23:34:00	23:47:12	00:01:50	-----	303-	62-	109-	3413
S4 (119)	19/09/22	23:35:40	23:47:48	00:00:36	-----	218-	53-	61-	27711
S1 (116)	19/09/22	23:35:44	23:47:54	00:00:06	-----	219-	55-	61-	27712
A8 (12)	19/09/22	23:45:02	23:57:12	00:09:17	-----	300-	33-	80-	13947
B1 (13)	19/09/22	23:51:11	00:04:04	00:06:52	-----	217-	48-	65-	10257
B7 (19)	19/09/22	23:51:28	00:04:32	00:00:27	-----	222-	56-	64-	10351
A5 (09)	19/09/22	23:51:35	00:03:45	00:00:04	-----	301-	33-	80-	13944
G2 (04)	19/09/22	23:52:45	00:05:28	00:01:42	-----	28-	68-	198-	12468
R3 (115)	19/09/22	23:58:14	00:10:24	00:04:56	-----	307-	65-	115-	27833
B8 (20)	19/09/23	00:01:57	00:15:06	00:04:41	-----	227-	64-	62-	10364
D6 (34)	19/09/23	00:07:00	00:20:18	00:05:12	-----	300-	90-	122-	3436
S2 (113)	19/09/23	00:08:28	00:20:53	00:00:34	-----	234-	89-	56-	27800
B3 (15)	19/09/23	00:11:50	00:25:01	00:04:07	-----	228-	66-	62-	10369
A7 (11)	19/09/23	00:23:00	00:35:28	00:10:27	-----	303-	39-	90-	13947
B2 (14)	19/09/23	00:24:40	00:37:56	00:02:27	-----	233-	79-	61-	10351
R1 (117)	19/09/23	00:28:12	00:40:34	00:02:37	-----	305-	82-	123-	27829
A6 (10)	19/09/23	00:28:42	00:41:12	00:00:38	-----	303-	40-	91-	13947
A2 (06)	19/09/23	00:34:15	00:46:51	00:05:38	-----	303-	42-	94-	13947
D8 (36)	19/09/23	00:37:46	00:50:52	00:04:00	-----	296-	58-	137-	3432
B4 (16)	19/09/23	00:38:51	00:52:10	00:01:17	-----	240-	85-	59-	10369
S3 (112)	19/09/23	00:43:37	00:55:54	00:03:44	-----	249-	58-	53-	27795
D3 (31)	19/09/23	00:47:04	00:59:16	00:03:21	-----	289-	32-	155-	3343
A1 (05)	19/09/23	00:51:53	01:04:38	00:05:22	-----	303-	49-	100-	13947

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
B6 (18)	19/09/23	00:56:10	01:09:26	00:04:47	-----	249-	66-	58-	10352
A4 (08)	19/09/23	01:00:16	01:13:05	00:03:39	-----	303-	55-	104-	13945
D2 (30)	19/09/23	01:03:04	01:15:23	00:02:18	-----	290-	34-	154-	3380
D4 (32)	19/09/23	01:05:35	01:17:34	00:02:10	-----	288-	29-	159-	3427
A3 (07)	19/09/23	01:09:33	01:22:26	00:04:52	-----	303-	57-	106-	13948
R2 (108)	19/09/23	01:17:12	01:29:14	00:06:48	-----	298-	49-	143-	28901
S4 (119)	19/09/23	01:19:40	01:31:35	00:02:20	-----	263-	40-	51-	27712
S1 (116)	19/09/23	01:19:48	01:31:40	00:00:05	-----	264-	39-	51-	27713
D7 (35)	19/09/23	01:19:52	01:32:11	00:00:30	-----	290-	35-	153-	3414
A8 (12)	19/09/23	01:30:21	01:43:20	00:11:08	-----	302-	74-	115-	13948
G2 (04)	19/09/23	01:32:08	01:41:57	00:01:02	-----	359-	18-	259-	12469
B1 (13)	19/09/23	01:36:44	01:49:49	00:07:51	-----	259-	51-	57-	10258
A5 (09)	19/09/23	01:36:52	01:49:51	00:00:02	-----	301-	77-	117-	13945
B7 (19)	19/09/23	01:37:15	01:50:13	00:00:22	-----	263-	46-	57-	10352
R3 (115)	19/09/23	01:42:08	01:52:54	00:02:40	-----	288-	25-	164-	27834
B8 (20)	19/09/23	01:47:56	02:00:47	00:07:52	-----	267-	43-	58-	10365
S2 (113)	19/09/23	01:53:11	02:04:37	00:03:50	-----	276-	30-	51-	27801
D6 (34)	19/09/23	01:53:19	02:04:16	00:00:02	-----	281-	21-	170-	3437
B3 (15)	19/09/23	01:57:50	02:10:41	00:06:25	-----	267-	42-	58-	10370
A7 (11)	19/09/23	02:08:12	02:21:07	00:10:26	-----	298-	72-	130-	13948
B2 (14)	19/09/23	02:10:54	02:23:37	00:02:29	-----	272-	38-	58-	10352
R1 (117)	19/09/23	02:12:42	02:22:40	00:00:05	-----	282-	19-	174-	27830
A6 (10)	19/09/23	02:13:54	02:26:48	00:04:08	-----	298-	69-	131-	13948
A2 (06)	19/09/23	02:19:27	02:32:19	00:05:30	-----	297-	63-	134-	13948
D8 (36)	19/09/23	02:25:07	02:33:14	00:00:54	-----	269-	11-	191-	3433
B4 (16)	19/09/23	02:25:18	02:37:53	00:04:39	-----	277-	35-	58-	10370
S3 (112)	19/09/23	02:28:47	02:39:47	00:01:54	-----	287-	25-	53-	27796
A1 (05)	19/09/23	02:37:07	02:49:46	00:09:58	-----	295-	49-	141-	13948
B6 (18)	19/09/23	02:42:53	02:55:17	00:05:31	-----	284-	32-	62-	10353
A4 (08)	19/09/23	02:45:35	02:57:55	00:02:37	-----	292-	40-	148-	13946
A3 (07)	19/09/23	02:54:54	03:07:09	00:09:14	-----	291-	38-	150-	13949
R2 (108)	19/09/23	03:03:42	03:08:34	00:01:24	-----	254-	7-	214-	28902
S4 (119)	19/09/23	03:05:01	03:15:46	00:07:11	-----	296-	22-	58-	27713
S1 (116)	19/09/23	03:05:09	03:15:53	00:00:07	-----	297-	22-	58-	27714
A8 (12)	19/09/23	03:15:55	03:27:24	00:11:28	00:00:02	286-	26-	161-	13949
A5 (09)	19/09/23	03:22:30	03:33:46	00:06:22	-----	285-	25-	164-	13946
B1 (13)	19/09/23	03:23:34	03:35:53	00:02:06	-----	290-	31-	66-	10259
B7 (19)	19/09/23	03:24:06	03:36:23	00:00:30	-----	292-	30-	68-	10353
C1 (21)	19/09/23	03:34:24	03:39:23	00:03:00	-----	150-	7-	105-	9660
B8 (20)	19/09/23	03:34:46	03:47:02	00:07:38	-----	294-	31-	70-	10366
S2 (113)	19/09/23	03:38:27	03:49:13	00:02:10	-----	303-	23-	65-	27802
B3 (15)	19/09/23	03:44:40	03:56:58	00:07:45	-----	295-	31-	71-	10371
A7 (11)	19/09/23	03:54:32	04:03:48	00:06:50	-----	275-	15-	182-	13949
B2 (14)	19/09/23	03:57:42	04:10:01	00:06:13	-----	297-	31-	74-	10353
T4 (114)	19/09/23	03:59:55	04:06:41	00:03:02	-----	162-	9-	96-	27681
A6 (10)	19/09/23	04:00:19	04:09:21	00:02:40	-----	274-	14-	184-	13949
A2 (06)	19/09/23	04:06:07	04:14:30	00:05:08	-----	269-	12-	190-	13949
B4 (16)	19/09/23	04:12:00	04:24:25	00:09:54	-----	299-	33-	77-	10371
S3 (112)	19/09/23	04:13:46	04:24:47	00:00:22	-----	308-	25-	75-	27797
C7 (27)	19/09/23	04:21:21	04:31:47	00:07:00	-----	186-	18-	80-	9705

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
A1 (05)	19/09/23	04:24:38	04:30:50	00:00:05	-----	258-	8-	204-	13949
B6 (18)	19/09/23	04:29:24	04:42:01	00:11:10	-----	301-	36-	85-	10354
T1 (118)	19/09/23	04:32:15	04:42:16	00:00:15	-----	187-	19-	76-	27595
A4 (08)	19/09/23	04:34:25	04:37:28	00:04:04	-----	248-	6-	216-	13947
S4 (119)	19/09/23	04:49:36	05:01:03	00:11:26	00:12:07	310-	30-	86-	27714
S1 (116)	19/09/23	04:49:42	05:01:11	00:00:08	-----	310-	31-	87-	27715
C3 (23)	19/09/23	04:57:43	05:09:50	00:08:39	-----	203-	32-	70-	9677
T2 (110)	19/09/23	05:05:37	05:17:07	00:07:16	-----	204-	34-	66-	27679
B1 (13)	19/09/23	05:09:52	05:22:44	00:05:37	-----	303-	42-	94-	10260
B7 (19)	19/09/23	05:10:17	05:23:14	00:00:30	-----	303-	46-	97-	10354
C1 (21)	19/09/23	05:15:13	05:27:57	00:04:43	-----	215-	44-	66-	9661
B8 (20)	19/09/23	05:20:51	05:33:52	00:05:54	-----	303-	50-	101-	10367
S2 (113)	19/09/23	05:22:38	05:34:33	00:00:41	-----	309-	40-	99-	27803
B3 (15)	19/09/23	05:30:44	05:43:47	00:09:14	-----	303-	51-	102-	10372
T4 (114)	19/09/23	05:40:12	05:52:24	00:08:36	-----	222-	59-	60-	27682
B2 (14)	19/09/23	05:43:39	05:56:48	00:04:23	-----	303-	58-	106-	10354
S3 (112)	19/09/23	05:57:38	06:09:55	00:12:16	00:00:50	307-	60-	113-	27798
B4 (16)	19/09/23	05:57:49	06:11:04	00:01:08	-----	302-	69-	112-	10372
C7 (27)	19/09/23	06:05:00	06:18:15	00:07:11	-----	235-	84-	60-	9706
T1 (118)	19/09/23	06:14:23	06:26:46	00:08:30	-----	238-	82-	55-	27596
B6 (18)	19/09/23	06:15:07	06:28:25	00:01:39	-----	300-	89-	122-	10355
S4 (119)	19/09/23	06:33:20	06:45:43	00:12:22	00:04:55	304-	87-	127-	27715
S1 (116)	19/09/23	06:33:26	06:45:48	00:00:05	-----	303-	84-	128-	27716
C3 (23)	19/09/23	06:42:33	06:55:46	00:09:58	-----	249-	66-	58-	9678
T2 (110)	19/09/23	06:48:53	07:01:05	00:05:18	-----	252-	52-	52-	27680
B1 (13)	19/09/23	06:55:33	07:08:44	00:07:38	-----	298-	66-	133-	10261
B7 (19)	19/09/23	06:55:58	07:09:00	00:00:16	-----	296-	56-	138-	10355
C1 (21)	19/09/23	07:00:38	07:13:42	00:04:42	-----	257-	53-	57-	9662
S2 (113)	19/09/23	07:06:25	07:18:30	00:04:47	-----	298-	51-	142-	27804
B8 (20)	19/09/23	07:06:34	07:19:26	00:00:56	-----	294-	49-	142-	10368
B3 (15)	19/09/23	07:16:28	07:29:18	00:09:52	-----	294-	47-	143-	10373
T4 (114)	19/09/23	07:24:21	07:36:09	00:06:51	-----	265-	37-	51-	27683
B2 (14)	19/09/23	07:29:27	07:41:59	00:05:49	-----	292-	39-	149-	10355
S3 (112)	19/09/23	07:41:44	07:52:54	00:10:54	-----	290-	29-	160-	27799
B4 (16)	19/09/23	07:43:45	07:55:46	00:02:52	-----	288-	30-	158-	10373
C7 (27)	19/09/23	07:51:19	08:03:57	00:08:10	-----	273-	37-	59-	9707
T1 (118)	19/09/23	07:59:13	08:10:31	00:06:34	-----	279-	28-	52-	27597
B6 (18)	19/09/23	08:01:26	08:12:23	00:01:51	-----	282-	21-	169-	10356
K6 (106)	19/09/23	08:04:08	08:11:30	00:00:05	-----	168-	11-	92-	27650
S4 (119)	19/09/23	08:18:04	08:27:25	00:09:20	00:06:34	279-	16-	180-	27716
S1 (116)	19/09/23	08:18:15	08:27:21	00:00:03	-----	277-	15-	181-	27717
C3 (23)	19/09/23	08:29:16	08:41:38	00:12:22	00:01:54	284-	32-	62-	9679
T2 (110)	19/09/23	08:34:07	08:45:02	00:03:23	-----	290-	24-	54-	27681
B1 (13)	19/09/23	08:42:34	08:51:30	00:06:28	-----	271-	13-	186-	10262
B7 (19)	19/09/23	08:43:28	08:51:08	00:00:02	-----	265-	10-	196-	10356
C1 (21)	19/09/23	08:47:27	08:59:43	00:08:35	-----	289-	31-	65-	9663
S2 (113)	19/09/23	08:52:45	08:58:01	00:01:04	-----	257-	7-	210-	27805
B8 (20)	19/09/23	08:54:36	09:00:52	00:02:51	-----	258-	8-	204-	10369
B3 (15)	19/09/23	09:04:39	09:10:33	00:05:54	00:03:46	256-	8-	207-	10374
T4 (114)	19/09/23	09:09:43	09:20:25	00:09:51	-----	298-	22-	59-	27684

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
G2 (04)	19/09/23	09:29:39	09:41:10	00:11:30	00:09:14	124-	31-	352-	12474
C7 (27)	19/09/23	09:38:05	09:50:24	00:09:13	-----	298-	31-	75-	9708
K6 (106)	19/09/23	09:44:16	09:56:06	00:05:42	-----	226-	68-	59-	27651
T1 (118)	19/09/23	09:44:26	09:55:13	00:00:05	-----	305-	23-	67-	27598
K9 (109)	19/09/23	09:57:40	10:05:15	00:07:35	00:02:26	167-	11-	91-	26710
T3 (105)	19/09/23	10:09:42	10:19:07	00:09:24	00:04:27	178-	15-	82-	26757
C3 (23)	19/09/23	10:15:48	10:28:22	00:09:15	-----	301-	36-	85-	9680
T2 (110)	19/09/23	10:19:00	10:30:07	00:01:44	-----	308-	26-	77-	27682
K7 (107)	19/09/23	10:30:01	10:40:10	00:10:02	-----	185-	20-	75-	26710
C1 (21)	19/09/23	10:33:46	10:46:32	00:06:22	-----	303-	41-	92-	9664
T4 (114)	19/09/23	10:54:12	11:05:43	00:11:31	00:07:39	310-	32-	88-	27685
K3 (103)	19/09/23	11:04:50	11:16:24	00:10:40	-----	206-	36-	66-	26711
G2 (04)	19/09/23	11:07:53	11:19:37	00:03:12	-----	182-	33-	320-	12475
C7 (27)	19/09/23	11:24:00	11:37:09	00:13:09	00:04:22	303-	60-	108-	9709
K6 (106)	19/09/23	11:27:56	11:39:05	00:01:55	-----	270-	33-	50-	27652
T1 (118)	19/09/23	11:28:31	11:40:33	00:01:28	-----	309-	44-	102-	27599
K9 (109)	19/09/23	11:38:23	11:50:38	00:10:05	-----	225-	66-	59-	26711
T3 (105)	19/09/23	11:52:01	12:04:50	00:12:48	00:01:22	231-	81-	57-	26758
K4 (104)	19/09/23	11:56:50	12:08:33	00:03:43	-----	210-	42-	64-	26872
C3 (23)	19/09/23	12:01:31	12:14:48	00:06:14	-----	300-	88-	122-	9681
T2 (110)	19/09/23	12:02:50	12:15:10	00:00:22	-----	307-	66-	116-	27683
K7 (107)	19/09/23	12:12:14	12:24:36	00:09:25	-----	239-	79-	55-	26711
C1 (21)	19/09/23	12:19:27	12:32:38	00:08:01	-----	298-	70-	131-	9665
T4 (114)	19/09/23	12:37:56	12:50:16	00:12:19	00:05:18	303-	79-	130-	27686
K3 (103)	19/09/23	12:48:12	13:00:21	00:10:05	-----	253-	51-	52-	26712
C7 (27)	19/09/23	13:09:50	13:22:15	00:12:24	00:09:29	291-	36-	151-	9710
T1 (118)	19/09/23	13:12:21	13:24:17	00:02:02	-----	296-	45-	146-	27600
K6 (106)	19/09/23	13:12:35	13:22:39	00:01:03	-----	301-	21-	59-	27653
K9 (109)	19/09/23	13:22:41	13:34:23	00:11:41	00:00:01	268-	35-	51-	26712
T3 (105)	19/09/23	13:37:27	13:49:27	00:12:00	00:03:03	273-	32-	52-	26759
K4 (104)	19/09/23	13:40:33	13:52:32	00:03:05	-----	257-	45-	52-	26873
T2 (110)	19/09/23	13:47:02	13:57:54	00:05:22	-----	288-	25-	164-	27684
C3 (23)	19/09/23	13:47:50	13:58:47	00:00:53	-----	282-	21-	169-	9682
K7 (107)	19/09/23	13:57:07	14:08:22	00:09:34	-----	280-	28-	52-	26712
C1 (21)	19/09/23	14:06:17	14:15:41	00:07:19	-----	273-	14-	183-	9666
T4 (114)	19/09/23	14:22:53	14:31:38	00:08:45	00:07:12	275-	14-	185-	27687
K3 (103)	19/09/23	14:33:27	14:44:19	00:10:51	00:01:49	290-	24-	55-	26713
K6 (106)	19/09/23	14:56:13	15:07:17	00:11:03	00:11:54	311-	31-	90-	27654
K9 (109)	19/09/23	15:08:02	15:18:43	00:10:40	00:00:45	300-	22-	61-	26713
T3 (105)	19/09/23	15:23:37	15:34:51	00:11:14	00:04:53	301-	24-	65-	26760
D3 (31)	19/09/23	15:23:48	15:33:52	00:00:05	-----	183-	17-	84-	3352
K4 (104)	19/09/23	15:25:56	15:36:42	00:02:49	-----	293-	23-	56-	26874
D2 (30)	19/09/23	15:40:00	15:49:49	00:09:49	00:03:18	181-	16-	86-	3389
K7 (107)	19/09/23	15:42:18	15:53:05	00:03:16	-----	305-	23-	68-	26713
D4 (32)	19/09/23	15:42:25	15:53:01	00:00:04	-----	188-	19-	81-	3436
R2 (108)	19/09/23	15:42:30	15:48:32	00:04:02	-----	158-	8-	100-	28910
D7 (35)	19/09/23	15:56:49	16:06:34	00:09:45	00:08:16	181-	16-	86-	3423
R3 (115)	19/09/23	16:02:27	16:12:06	00:05:31	-----	184-	18-	78-	27843
K3 (103)	19/09/23	16:18:18	16:29:25	00:11:06	00:06:12	309-	26-	78-	26714
D6 (34)	19/09/23	16:28:34	16:40:18	00:10:52	-----	199-	27-	72-	3446

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
R1 (117)	19/09/23	16:34:20	16:45:10	00:04:52	-----	194-	25-	71-	27839
K6 (106)	19/09/23	16:39:12	16:51:00	00:05:49	-----	302-	72-	133-	27655
K9 (109)	19/09/23	16:52:26	17:04:04	00:11:37	00:01:26	310-	33-	91-	26714
D8 (36)	19/09/23	16:58:34	17:11:20	00:07:16	-----	215-	45-	66-	3442
D3 (31)	19/09/23	17:07:15	17:20:28	00:09:07	-----	233-	79-	61-	3353
T3 (105)	19/09/23	17:08:44	17:21:04	00:00:36	-----	309-	40-	97-	26761
K4 (104)	19/09/23	17:10:44	17:22:01	00:00:56	-----	309-	28-	81-	26875
A1 (05)	19/09/23	17:12:18	17:18:30	00:03:03	-----	159-	8-	103-	13957
A4 (08)	19/09/23	17:19:36	17:27:35	00:07:58	00:01:05	169-	11-	92-	13955
R2 (108)	19/09/23	17:22:24	17:34:32	00:06:57	-----	219-	55-	61-	28911
D2 (30)	19/09/23	17:23:19	17:36:30	00:01:57	-----	232-	76-	61-	3390
D4 (32)	19/09/23	17:26:14	17:39:29	00:03:00	-----	236-	86-	60-	3437
K7 (107)	19/09/23	17:26:22	17:38:24	00:01:05	-----	309-	45-	103-	26714
A3 (07)	19/09/23	17:28:37	17:37:05	00:01:01	-----	173-	12-	90-	13958
D7 (35)	19/09/23	17:40:04	17:53:16	00:13:11	00:02:58	231-	75-	61-	3424
R3 (115)	19/09/23	17:44:09	17:56:24	00:03:07	-----	236-	86-	56-	27844
A8 (12)	19/09/23	17:48:14	17:58:35	00:02:11	-----	187-	19-	79-	13958
A5 (09)	19/09/23	17:54:36	18:05:10	00:06:35	-----	189-	20-	80-	13955
K3 (103)	19/09/23	18:02:07	18:14:26	00:09:15	-----	306-	68-	117-	26715
D6 (34)	19/09/23	18:13:06	18:26:21	00:11:54	-----	245-	74-	58-	3447
R1 (117)	19/09/23	18:17:02	18:29:22	00:03:00	-----	244-	66-	54-	27840
K6 (106)	19/09/23	18:23:42	18:31:18	00:01:56	-----	270-	12-	192-	27656
A7 (11)	19/09/23	18:25:00	18:37:00	00:05:41	-----	205-	33-	71-	13958
A6 (10)	19/09/23	18:30:36	18:42:42	00:05:42	-----	206-	34-	70-	13958
A2 (06)	19/09/23	18:36:00	18:48:16	00:05:34	-----	210-	38-	67-	13958
K9 (109)	19/09/23	18:36:10	18:48:28	00:00:12	-----	302-	72-	133-	26715
D8 (36)	19/09/23	18:44:01	18:57:05	00:08:36	-----	258-	52-	57-	3443
A1 (05)	19/09/23	18:53:21	19:06:01	00:08:55	-----	218-	49-	65-	13958
T3 (105)	19/09/23	18:53:22	19:06:00	00:00:01	-----	299-	56-	140-	26762
D3 (31)	19/09/23	18:53:29	19:06:09	00:00:10	-----	272-	38-	57-	3354
K4 (104)	19/09/23	18:54:35	19:07:02	00:00:52	-----	305-	78-	121-	26876
A4 (08)	19/09/23	19:01:33	19:14:24	00:07:21	-----	224-	59-	64-	13956
R2 (108)	19/09/23	19:06:27	19:18:19	00:03:54	-----	264-	39-	51-	28912
D2 (30)	19/09/23	19:09:29	19:22:11	00:03:52	-----	271-	39-	57-	3391
K7 (107)	19/09/23	19:10:13	19:22:05	00:00:06	-----	296-	43-	148-	26715
A3 (07)	19/09/23	19:10:50	19:23:43	00:01:38	-----	226-	63-	63-	13959
D4 (32)	19/09/23	19:12:38	19:25:15	00:01:31	-----	274-	37-	58-	3438
D7 (35)	19/09/23	19:26:14	19:38:57	00:12:42	00:00:58	270-	39-	57-	3425
R3 (115)	19/09/23	19:28:39	19:39:52	00:00:54	-----	278-	28-	51-	27845
A8 (12)	19/09/23	19:31:31	19:44:33	00:04:40	-----	236-	86-	60-	13959
A5 (09)	19/09/23	19:38:02	19:51:02	00:06:29	-----	238-	90-	60-	13956
K3 (103)	19/09/23	19:46:21	19:57:03	00:06:00	-----	287-	24-	166-	26716
D6 (34)	19/09/23	19:59:42	20:12:09	00:12:26	00:02:39	281-	33-	61-	3448
R1 (117)	19/09/23	20:02:05	20:13:10	00:01:01	-----	284-	26-	52-	27841
A7 (11)	19/09/23	20:09:27	20:22:23	00:09:12	-----	250-	63-	57-	13959
A6 (10)	19/09/23	20:15:08	20:28:04	00:05:40	-----	251-	61-	57-	13959
A2 (06)	19/09/23	20:20:42	20:33:36	00:05:32	-----	254-	57-	57-	13959
K9 (109)	19/09/23	20:21:21	20:29:30	00:04:06	-----	272-	12-	190-	26716
D8 (36)	19/09/23	20:30:50	20:43:09	00:12:18	00:01:20	289-	31-	64-	3444
A1 (05)	19/09/23	20:38:29	20:51:15	00:08:06	-----	260-	49-	57-	13959

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
K4 (104)	19/09/23	20:39:05	20:49:26	00:01:04	-----	284-	21-	172-	26877
T3 (105)	19/09/23	20:40:09	20:46:50	00:02:03	-----	264-	9-	202-	26763
D3 (31)	19/09/23	20:40:16	20:52:34	00:05:44	-----	297-	31-	72-	3355
A4 (08)	19/09/23	20:46:57	20:59:36	00:07:01	-----	265-	44-	56-	13957
R2 (108)	19/09/23	20:51:48	21:02:31	00:02:55	-----	297-	22-	58-	28913
D2 (30)	19/09/23	20:56:17	21:08:34	00:06:03	-----	296-	31-	72-	3392
A3 (07)	19/09/23	20:56:20	21:08:55	00:00:21	-----	266-	42-	56-	13960
D4 (32)	19/09/23	20:59:27	21:11:48	00:02:52	-----	298-	32-	74-	3439
D7 (35)	19/09/23	21:13:03	21:25:19	00:12:16	00:01:14	296-	31-	71-	3426
R3 (115)	19/09/23	21:13:37	21:24:13	00:01:06	-----	304-	22-	66-	27846
A8 (12)	19/09/23	21:17:24	21:29:45	00:05:32	-----	274-	36-	58-	13960
A5 (09)	19/09/23	21:23:58	21:36:16	00:06:30	-----	275-	35-	57-	13957
S2 (113)	19/09/23	21:31:55	21:37:38	00:01:22	-----	156-	8-	103-	27813
B7 (19)	19/09/23	21:35:23	21:41:17	00:03:38	-----	157-	8-	105-	10364
B8 (20)	19/09/23	21:45:04	21:52:28	00:07:23	00:03:47	165-	10-	97-	10377
D6 (34)	19/09/23	21:46:19	21:58:49	00:06:21	-----	301-	34-	82-	3449
R1 (117)	19/09/23	21:47:10	21:58:03	00:00:04	-----	307-	24-	72-	27842
B3 (15)	19/09/23	21:54:45	22:02:26	00:04:23	-----	166-	10-	95-	10382
A7 (11)	19/09/23	21:55:43	22:07:47	00:05:20	-----	284-	31-	60-	13960
A6 (10)	19/09/23	22:01:25	22:13:28	00:05:41	-----	285-	31-	61-	13960
S3 (112)	19/09/23	22:04:41	22:14:12	00:00:44	-----	182-	17-	79-	27808
B2 (14)	19/09/23	22:06:46	22:15:57	00:01:45	-----	176-	14-	87-	10364
A2 (06)	19/09/23	22:07:01	22:19:04	00:03:06	-----	287-	30-	63-	13960
D8 (36)	19/09/23	22:17:09	22:30:00	00:10:54	-----	303-	41-	91-	3445
B4 (16)	19/09/23	22:20:00	22:30:24	00:00:25	-----	186-	18-	82-	10382
A1 (05)	19/09/23	22:24:51	22:36:51	00:06:27	-----	291-	30-	66-	13960
D3 (31)	19/09/23	22:26:13	22:39:22	00:02:30	-----	303-	57-	106-	3356
A4 (08)	19/09/23	22:33:20	22:45:18	00:05:56	-----	293-	30-	67-	13958
R2 (108)	19/09/23	22:36:21	22:47:49	00:02:30	-----	310-	31-	87-	28914
B6 (18)	19/09/23	22:36:36	22:48:19	00:00:30	-----	199-	27-	73-	10365
S4 (119)	19/09/23	22:39:16	22:50:31	00:02:11	-----	199-	30-	68-	27725
S1 (116)	19/09/23	22:39:18	22:50:38	00:00:07	-----	201-	31-	68-	27726
D2 (30)	19/09/23	22:42:15	22:55:23	00:04:45	-----	303-	56-	104-	3393
A3 (07)	19/09/23	22:42:42	22:54:41	00:00:04	-----	294-	30-	68-	13961
D4 (32)	19/09/23	22:45:24	22:58:37	00:03:55	-----	302-	62-	109-	3440
R3 (115)	19/09/23	22:57:27	23:09:16	00:10:39	-----	309-	41-	100-	27847
D7 (35)	19/09/23	22:59:01	23:12:08	00:02:51	-----	303-	55-	104-	3427
A8 (12)	19/09/23	23:03:41	23:15:44	00:03:36	-----	298-	31-	75-	13961
A5 (09)	19/09/23	23:10:14	23:22:17	00:06:32	-----	299-	31-	74-	13958
S2 (113)	19/09/23	23:11:38	23:23:46	00:01:29	-----	218-	53-	61-	27814
B1 (13)	19/09/23	23:16:30	23:29:05	00:05:18	-----	210-	40-	67-	10271
B7 (19)	19/09/23	23:16:36	23:29:28	00:00:22	-----	217-	47-	66-	10365
G2 (04)	19/09/23	23:24:26	23:36:17	00:06:49	-----	38-	33-	176-	12482
B8 (20)	19/09/23	23:27:04	23:40:03	00:03:46	-----	221-	54-	64-	10378
R1 (117)	19/09/23	23:31:06	23:43:16	00:03:13	-----	308-	52-	108-	27843
D6 (34)	19/09/23	23:32:05	23:45:23	00:02:06	-----	301-	79-	117-	3450
B3 (15)	19/09/23	23:36:53	23:49:55	00:04:32	-----	222-	56-	64-	10383
A7 (11)	19/09/23	23:41:44	23:54:02	00:04:06	-----	302-	35-	84-	13961
S3 (112)	19/09/23	23:46:29	23:58:53	00:04:51	-----	234-	90-	56-	27809
A6 (10)	19/09/23	23:47:25	23:59:44	00:00:51	-----	302-	36-	85-	13961

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
B2 (14)	19/09/23	23:49:40	00:02:52	00:03:07	-----	228-	67-	62-	10365
A2 (06)	19/09/23	23:52:57	00:05:23	00:02:31	-----	302-	37-	88-	13961
D8 (36)	19/09/24	00:02:50	00:16:03	00:10:40	-----	298-	69-	131-	3446
B4 (16)	19/09/24	00:03:36	00:16:53	00:00:49	-----	235-	83-	60-	10383
A1 (05)	19/09/24	00:10:38	00:23:13	00:06:20	-----	303-	42-	94-	13961
D3 (31)	19/09/24	00:12:01	00:24:35	00:01:21	-----	292-	39-	149-	3357
A4 (08)	19/09/24	00:19:00	00:31:40	00:07:04	-----	303-	46-	97-	13959
R2 (108)	19/09/24	00:20:05	00:32:27	00:00:47	-----	303-	85-	128-	28915
B6 (18)	19/09/24	00:21:05	00:34:23	00:01:56	-----	244-	75-	59-	10366
S4 (119)	19/09/24	00:22:18	00:34:35	00:00:12	-----	249-	58-	53-	27726
S1 (116)	19/09/24	00:22:24	00:34:40	00:00:05	-----	250-	56-	53-	27727
D2 (30)	19/09/24	00:28:02	00:40:41	00:06:00	-----	292-	41-	148-	3394
A3 (07)	19/09/24	00:28:19	00:41:03	00:00:22	-----	303-	48-	99-	13962
D4 (32)	19/09/24	00:31:19	00:43:41	00:02:37	-----	290-	35-	153-	3441
R3 (115)	19/09/24	00:40:58	00:52:50	00:09:09	-----	297-	48-	144-	27848
D7 (35)	19/09/24	00:44:48	00:57:27	00:04:36	-----	293-	41-	147-	3428
A8 (12)	19/09/24	00:49:07	01:02:01	00:04:33	-----	303-	60-	108-	13962
A5 (09)	19/09/24	00:55:37	01:08:32	00:06:31	-----	303-	63-	109-	13959
S2 (113)	19/09/24	00:55:38	01:07:33	00:00:05	-----	263-	39-	51-	27815
B1 (13)	19/09/24	01:01:43	01:14:54	00:07:20	-----	255-	57-	58-	10272
B7 (19)	19/09/24	01:02:07	01:15:12	00:00:17	-----	259-	51-	57-	10366
G2 (04)	19/09/24	01:02:51	01:14:32	00:00:03	-----	9-	32-	237-	12483
B8 (20)	19/09/24	01:12:47	01:25:45	00:11:13	-----	262-	47-	57-	10379
R1 (117)	19/09/24	01:15:04	01:26:35	00:00:50	-----	293-	34-	154-	27844
D6 (34)	19/09/24	01:18:12	01:29:45	00:03:09	-----	285-	25-	163-	3451
B3 (15)	19/09/24	01:22:39	01:35:37	00:05:51	-----	263-	46-	57-	10384
A7 (11)	19/09/24	01:26:58	01:39:58	00:04:20	-----	300-	90-	122-	13962
S3 (112)	19/09/24	01:31:12	01:42:38	00:02:40	-----	276-	30-	51-	27810
A6 (10)	19/09/24	01:32:38	01:45:38	00:03:00	-----	300-	87-	123-	13962
B2 (14)	19/09/24	01:35:42	01:48:32	00:02:54	-----	268-	42-	58-	10366
A2 (06)	19/09/24	01:38:10	01:51:10	00:02:37	-----	299-	80-	126-	13962
D8 (36)	19/09/24	01:49:43	01:59:03	00:07:53	-----	274-	14-	183-	3447
B4 (16)	19/09/24	01:49:52	02:02:33	00:03:29	-----	273-	38-	57-	10384
A1 (05)	19/09/24	01:55:50	02:08:44	00:06:10	-----	297-	64-	133-	13962
D3 (31)	19/09/24	02:01:48	02:04:04	00:04:03	-----	246-	5-	219-	3358
A4 (08)	19/09/24	02:04:13	02:16:54	00:12:41	00:00:09	296-	53-	139-	13960
R2 (108)	19/09/24	02:04:53	02:14:03	00:02:05	-----	278-	15-	182-	28916
S4 (119)	19/09/24	02:07:28	02:18:28	00:04:25	-----	287-	25-	53-	27727
S1 (116)	19/09/24	02:07:36	02:18:34	00:00:06	-----	288-	24-	54-	27728
B6 (18)	19/09/24	02:07:40	02:20:10	00:01:35	-----	280-	34-	61-	10367
A3 (07)	19/09/24	02:13:33	02:26:12	00:06:02	-----	295-	50-	141-	13963
D2 (30)	19/09/24	02:17:13	02:20:48	00:05:02	-----	251-	6-	214-	3395
R3 (115)	19/09/24	02:27:23	02:31:40	00:04:17	00:06:34	252-	7-	216-	27849
D7 (35)	19/09/24	02:33:50	02:37:43	00:03:53	00:02:09	252-	6-	212-	3429
A8 (12)	19/09/24	02:34:29	02:46:36	00:08:52	-----	290-	35-	151-	13963
S2 (113)	19/09/24	02:41:00	02:51:45	00:05:08	-----	296-	22-	58-	27816
A5 (09)	19/09/24	02:41:02	02:53:00	00:01:15	-----	290-	33-	154-	13960
B1 (13)	19/09/24	02:48:31	03:00:52	00:07:51	-----	287-	31-	64-	10273
B7 (19)	19/09/24	02:48:57	03:01:15	00:00:22	-----	290-	31-	66-	10367
B8 (20)	19/09/24	02:59:38	03:11:54	00:10:38	-----	292-	30-	68-	10380

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
B3 (15)	19/09/24	03:09:30	03:21:47	00:09:53	-----	292-	30-	68-	10385
A7 (11)	19/09/24	03:12:51	03:23:24	00:01:37	-----	281-	20-	171-	13963
S3 (112)	19/09/24	03:16:28	03:27:13	00:03:48	-----	303-	23-	65-	27811
A6 (10)	19/09/24	03:18:34	03:28:58	00:01:44	-----	280-	19-	173-	13963
B2 (14)	19/09/24	03:22:32	03:34:49	00:05:51	-----	295-	31-	71-	10367
A2 (06)	19/09/24	03:24:15	03:34:13	00:00:03	-----	277-	17-	177-	13963
B4 (16)	19/09/24	03:36:37	03:48:59	00:12:21	00:02:24	297-	31-	73-	10385
T1 (118)	19/09/24	03:37:07	03:44:02	00:04:05	-----	163-	10-	96-	27609
A1 (05)	19/09/24	03:42:26	03:51:00	00:06:58	-----	270-	13-	188-	13963
C7 (27)	19/09/24	03:46:57	03:56:28	00:05:28	-----	179-	15-	84-	9719
A4 (08)	19/09/24	03:51:23	03:58:24	00:01:55	-----	264-	9-	197-	13961
S4 (119)	19/09/24	03:52:27	04:03:27	00:05:03	-----	308-	25-	74-	27728
S1 (116)	19/09/24	03:52:33	04:03:36	00:00:08	-----	308-	25-	75-	27729
B6 (18)	19/09/24	03:54:17	04:06:48	00:03:12	-----	300-	34-	81-	10368
A3 (07)	19/09/24	04:01:00	04:07:22	00:00:33	-----	262-	9-	201-	13964
T2 (110)	19/09/24	04:09:34	04:19:34	00:10:00	00:02:12	186-	19-	76-	27693
C3 (23)	19/09/24	04:23:10	04:34:50	00:11:39	00:03:35	196-	26-	73-	9691
S2 (113)	19/09/24	04:25:34	04:37:01	00:02:11	-----	310-	30-	86-	27817
B1 (13)	19/09/24	04:34:55	04:47:40	00:10:38	-----	302-	39-	90-	10274
B7 (19)	19/09/24	04:35:14	04:48:05	00:00:24	-----	303-	42-	93-	10368
C1 (21)	19/09/24	04:40:27	04:52:51	00:04:46	-----	208-	37-	68-	9675
T4 (114)	19/09/24	04:43:41	04:55:09	00:02:18	-----	203-	34-	67-	27696
B8 (20)	19/09/24	04:45:49	04:58:44	00:03:34	-----	303-	45-	96-	10381
B3 (15)	19/09/24	04:55:40	05:08:37	00:09:53	-----	303-	46-	97-	10386
S3 (112)	19/09/24	05:00:39	05:12:34	00:03:56	-----	309-	40-	99-	27812
B2 (14)	19/09/24	05:08:35	05:21:39	00:09:04	-----	303-	51-	102-	10368
T1 (118)	19/09/24	05:17:28	05:29:41	00:08:02	-----	222-	61-	60-	27610
B4 (16)	19/09/24	05:22:32	05:35:43	00:06:01	-----	303-	60-	107-	10386
C7 (27)	19/09/24	05:30:05	05:43:16	00:07:33	-----	230-	72-	62-	9720
S4 (119)	19/09/24	05:36:19	05:48:36	00:05:20	-----	307-	59-	112-	27729
S1 (116)	19/09/24	05:36:25	05:48:42	00:00:06	-----	307-	61-	113-	27730
B6 (18)	19/09/24	05:40:04	05:53:22	00:04:39	-----	301-	78-	117-	10369
T2 (110)	19/09/24	05:51:41	06:04:04	00:10:42	-----	237-	82-	55-	27694
C3 (23)	19/09/24	06:07:38	06:20:54	00:13:16	00:03:33	244-	75-	59-	9692
S2 (113)	19/09/24	06:09:18	06:21:41	00:00:46	-----	304-	87-	127-	27818
B1 (13)	19/09/24	06:20:37	06:33:53	00:12:11	-----	299-	77-	128-	10275
B7 (19)	19/09/24	06:20:55	06:34:05	00:00:12	-----	298-	66-	132-	10369
C1 (21)	19/09/24	06:25:32	06:38:42	00:04:36	-----	253-	60-	58-	9676
T4 (114)	19/09/24	06:26:56	06:39:09	00:00:27	-----	252-	53-	52-	27697
B8 (20)	19/09/24	06:31:31	06:44:34	00:05:25	-----	296-	58-	136-	10382
B3 (15)	19/09/24	06:41:21	06:54:24	00:09:50	-----	296-	56-	137-	10387
S3 (112)	19/09/24	06:44:26	06:56:30	00:02:06	-----	298-	51-	143-	27813
B2 (14)	19/09/24	06:54:19	07:07:08	00:10:37	-----	294-	46-	143-	10369
T1 (118)	19/09/24	07:01:39	07:13:27	00:06:18	-----	266-	36-	51-	27611
B4 (16)	19/09/24	07:08:21	07:20:47	00:07:20	-----	291-	36-	151-	10387
C7 (27)	19/09/24	07:16:12	07:28:57	00:08:09	-----	269-	40-	58-	9721
S4 (119)	19/09/24	07:20:25	07:31:36	00:02:39	-----	290-	29-	159-	27730
S1 (116)	19/09/24	07:20:32	07:31:39	00:00:02	-----	289-	28-	161-	27731
B6 (18)	19/09/24	07:26:10	07:37:46	00:06:07	-----	285-	25-	163-	10370
T2 (110)	19/09/24	07:36:31	07:47:50	00:10:03	-----	279-	28-	52-	27695

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
S2 (113)	19/09/24	07:54:03	08:03:21	00:09:17	00:06:13	278-	16-	180-	27819
C3 (23)	19/09/24	07:54:14	08:06:42	00:03:20	-----	280-	34-	61-	9693
B1 (13)	19/09/24	08:07:16	08:17:16	00:10:00	00:00:34	277-	16-	178-	10276
B7 (19)	19/09/24	08:07:54	08:16:56	00:00:02	-----	272-	13-	186-	10370
T4 (114)	19/09/24	08:12:10	08:23:04	00:06:08	-----	289-	24-	54-	27698
C1 (21)	19/09/24	08:12:18	08:24:37	00:01:32	-----	286-	31-	63-	9677
B8 (20)	19/09/24	08:18:52	08:26:53	00:02:16	-----	267-	11-	193-	10383
B3 (15)	19/09/24	08:28:48	08:36:35	00:07:47	00:01:55	265-	11-	195-	10388
S3 (112)	19/09/24	08:30:47	08:36:01	00:00:03	-----	257-	7-	210-	27814
K6 (106)	19/09/24	08:38:21	08:49:22	00:11:01	00:02:20	203-	32-	67-	27665
B2 (14)	19/09/24	08:42:35	08:48:17	00:01:05	-----	255-	8-	208-	10370
T1 (118)	19/09/24	08:47:01	08:57:43	00:09:26	-----	298-	22-	60-	27612
G2 (04)	19/09/24	09:02:15	09:11:54	00:09:38	00:04:31	103-	17-	3-	12488
C7 (27)	19/09/24	09:03:01	09:15:17	00:03:22	-----	296-	31-	72-	9722
T2 (110)	19/09/24	09:21:44	09:32:31	00:10:47	00:06:27	305-	23-	67-	27696
T3 (105)	19/09/24	09:25:40	09:32:31	00:00:00	-----	161-	9-	97-	26771
K7 (107)	19/09/24	09:34:46	09:42:01	00:07:14	00:02:14	165-	10-	93-	26724
C3 (23)	19/09/24	09:40:52	09:53:20	00:11:19	-----	300-	34-	81-	9694
T4 (114)	19/09/24	09:57:04	10:08:08	00:11:03	00:03:43	308-	26-	77-	27699
C1 (21)	19/09/24	09:58:44	10:11:23	00:03:15	-----	302-	38-	88-	9678
K3 (103)	19/09/24	10:08:45	10:18:53	00:07:29	-----	185-	20-	75-	26725
K6 (106)	19/09/24	10:20:54	10:32:37	00:11:43	00:02:00	252-	52-	52-	27666
T1 (118)	19/09/24	10:31:29	10:43:03	00:10:25	-----	310-	32-	89-	27613
G2 (04)	19/09/24	10:38:42	10:51:17	00:08:13	-----	162-	69-	332-	12489
K9 (109)	19/09/24	10:41:48	10:53:27	00:02:10	-----	207-	37-	65-	26725
C7 (27)	19/09/24	10:49:01	11:02:06	00:08:39	-----	303-	53-	103-	9723
K4 (104)	19/09/24	11:01:58	11:12:34	00:10:28	-----	192-	24-	72-	26886
T2 (110)	19/09/24	11:05:49	11:17:51	00:05:17	-----	309-	44-	102-	27697
T3 (105)	19/09/24	11:06:36	11:19:13	00:01:21	-----	220-	57-	60-	26772
K7 (107)	19/09/24	11:15:19	11:27:33	00:08:19	-----	223-	63-	60-	26725
C3 (23)	19/09/24	11:26:39	11:39:55	00:12:22	-----	301-	77-	117-	9695
T4 (114)	19/09/24	11:40:54	11:53:12	00:12:17	00:00:58	307-	65-	115-	27700
C1 (21)	19/09/24	11:44:26	11:57:40	00:04:28	-----	300-	82-	126-	9679
K3 (103)	19/09/24	11:50:58	12:03:20	00:05:39	-----	239-	79-	55-	26726
K6 (106)	19/09/24	12:05:26	12:15:46	00:10:20	00:02:06	290-	23-	53-	27667
T1 (118)	19/09/24	12:15:13	12:27:34	00:11:47	-----	302-	78-	130-	27614
G2 (04)	19/09/24	12:22:06	12:25:55	00:01:03	-----	246-	6-	280-	12490
K9 (109)	19/09/24	12:25:15	12:37:22	00:11:26	-----	254-	49-	52-	26726
C7 (27)	19/09/24	12:34:47	12:47:29	00:10:07	-----	293-	43-	145-	9724
K4 (104)	19/09/24	12:44:40	12:56:55	00:09:25	-----	243-	68-	54-	26887
T2 (110)	19/09/24	12:49:40	13:01:36	00:04:41	-----	296-	45-	146-	27698
T3 (105)	19/09/24	12:51:33	13:03:51	00:02:15	-----	264-	39-	52-	26773
K7 (107)	19/09/24	12:59:33	13:11:17	00:07:26	-----	267-	36-	51-	26726
C3 (23)	19/09/24	13:12:45	13:24:21	00:11:35	00:01:28	285-	25-	163-	9696
T4 (114)	19/09/24	13:25:05	13:35:58	00:10:53	00:00:44	288-	26-	163-	27701
C1 (21)	19/09/24	13:30:56	13:41:15	00:05:16	-----	278-	18-	175-	9680
K3 (103)	19/09/24	13:35:50	13:47:05	00:05:50	-----	280-	28-	52-	26727
K6 (106)	19/09/24	13:49:38	14:00:04	00:10:26	00:02:32	309-	24-	75-	27668
T1 (118)	19/09/24	14:00:12	14:08:52	00:08:39	00:00:07	275-	14-	185-	27615
K9 (109)	19/09/24	14:10:31	14:21:21	00:10:50	00:01:39	291-	23-	55-	26727

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
C7 (27)	19/09/24	14:23:27	14:28:11	00:04:43	00:02:05	250-	7-	215-	9725
K4 (104)	19/09/24	14:29:46	14:40:50	00:11:03	00:01:35	283-	26-	52-	26888
T3 (105)	19/09/24	14:37:46	14:49:00	00:08:09	-----	297-	23-	60-	26774
K7 (107)	19/09/24	14:44:55	14:55:36	00:06:36	-----	299-	22-	60-	26727
D3 (31)	19/09/24	14:49:30	14:58:33	00:02:57	-----	175-	13-	90-	3366
R3 (115)	19/09/24	15:04:04	15:09:41	00:05:37	00:05:30	157-	8-	103-	27857
D2 (30)	19/09/24	15:05:44	15:14:28	00:04:46	-----	173-	13-	92-	3403
D4 (32)	19/09/24	15:08:47	15:18:34	00:04:06	-----	181-	16-	86-	3450
K3 (103)	19/09/24	15:21:02	15:31:49	00:10:46	00:02:28	305-	23-	68-	26728
D7 (35)	19/09/24	15:22:31	15:31:10	00:00:03	-----	173-	12-	89-	3437
K6 (106)	19/09/24	15:32:43	15:44:28	00:11:45	00:01:32	307-	61-	114-	27669
R1 (117)	19/09/24	15:38:36	15:47:14	00:02:45	-----	175-	14-	85-	27853
D6 (34)	19/09/24	15:54:04	16:05:12	00:11:08	00:06:49	193-	22-	75-	3460
K9 (109)	19/09/24	15:55:20	16:06:29	00:01:16	-----	309-	26-	79-	26728
K4 (104)	19/09/24	16:14:57	16:25:49	00:10:51	00:08:27	306-	24-	71-	26889
T3 (105)	19/09/24	16:23:09	16:35:10	00:09:21	-----	309-	33-	89-	26775
D8 (36)	19/09/24	16:23:52	16:36:21	00:01:10	-----	209-	38-	68-	3456
R2 (108)	19/09/24	16:25:57	16:37:15	00:00:53	-----	201-	31-	68-	28925
K7 (107)	19/09/24	16:29:21	16:40:56	00:03:40	-----	310-	33-	90-	26728
D3 (31)	19/09/24	16:32:23	16:45:31	00:04:34	-----	228-	67-	62-	3367
R3 (115)	19/09/24	16:43:32	16:55:31	00:10:00	-----	219-	53-	61-	27858
D2 (30)	19/09/24	16:48:27	17:01:32	00:06:00	-----	226-	64-	63-	3404
A3 (07)	19/09/24	16:48:49	16:54:49	00:06:04	-----	157-	8-	99-	13972
D4 (32)	19/09/24	16:52:07	17:05:19	00:10:29	-----	231-	75-	61-	3451
K3 (103)	19/09/24	17:05:05	17:17:07	00:11:48	-----	309-	45-	103-	26729
D7 (35)	19/09/24	17:05:10	17:18:16	00:01:08	-----	226-	63-	63-	3438
A8 (12)	19/09/24	17:07:53	17:16:51	00:01:02	-----	176-	13-	87-	13972
A5 (09)	19/09/24	17:14:10	17:23:28	00:06:36	-----	178-	15-	88-	13969
K6 (106)	19/09/24	17:16:08	17:26:38	00:03:10	-----	288-	26-	162-	27670
R1 (117)	19/09/24	17:19:54	17:32:14	00:05:35	-----	229-	77-	58-	27854
D6 (34)	19/09/24	17:38:11	17:51:27	00:13:16	00:05:56	240-	84-	59-	3461
K9 (109)	19/09/24	17:39:08	17:51:28	00:00:01	-----	306-	71-	118-	26729
A7 (11)	19/09/24	17:44:15	17:55:33	00:04:04	-----	195-	25-	76-	13972
A6 (10)	19/09/24	17:49:49	18:01:14	00:05:40	-----	196-	26-	75-	13972
A2 (06)	19/09/24	17:55:08	18:06:51	00:05:36	-----	200-	29-	71-	13972
K4 (104)	19/09/24	17:59:00	18:11:12	00:04:21	-----	308-	51-	107-	26890
T3 (105)	19/09/24	18:07:45	18:20:35	00:09:22	-----	303-	80-	130-	26776
D8 (36)	19/09/24	18:09:01	18:22:11	00:01:36	-----	253-	58-	57-	3457
R2 (108)	19/09/24	18:09:03	18:21:17	00:00:05	-----	250-	56-	53-	28926
A1 (05)	19/09/24	18:12:26	18:24:40	00:03:22	-----	209-	37-	68-	13972
K7 (107)	19/09/24	18:13:04	18:25:24	00:00:43	-----	302-	75-	132-	26729
D3 (31)	19/09/24	18:18:24	18:31:11	00:05:47	-----	267-	42-	57-	3368
A4 (08)	19/09/24	18:20:30	18:33:03	00:01:52	-----	215-	45-	66-	13970
R3 (115)	19/09/24	18:27:16	18:39:01	00:05:57	-----	263-	39-	51-	27859
A3 (07)	19/09/24	18:29:48	18:42:26	00:03:25	-----	218-	48-	66-	13973
D2 (30)	19/09/24	18:34:24	18:47:13	00:04:46	-----	266-	42-	57-	3405
D4 (32)	19/09/24	18:38:21	18:51:04	00:03:51	-----	270-	39-	57-	3452
K3 (103)	19/09/24	18:48:56	19:00:50	00:09:45	-----	296-	43-	148-	26730
A8 (12)	19/09/24	18:50:22	19:03:17	00:02:27	-----	228-	68-	62-	13973
D7 (35)	19/09/24	18:51:07	19:03:57	00:00:39	-----	266-	43-	57-	3439

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
A5 (09)	19/09/24	18:56:51	19:09:47	00:05:49	-----	230-	72-	62-	13970
R1 (117)	19/09/24	19:04:24	19:15:57	00:06:10	-----	272-	32-	51-	27855
K9 (109)	19/09/24	19:23:25	19:34:00	00:10:34	00:07:27	286-	23-	167-	26730
D6 (34)	19/09/24	19:24:39	19:37:11	00:03:12	-----	277-	35-	60-	3462
A7 (11)	19/09/24	19:28:10	19:41:11	00:03:59	-----	243-	77-	58-	13973
A6 (10)	19/09/24	19:33:49	19:46:49	00:05:38	-----	244-	75-	58-	13973
A2 (06)	19/09/24	19:39:21	19:52:21	00:05:31	-----	247-	69-	58-	13973
K4 (104)	19/09/24	19:43:01	19:54:42	00:02:21	-----	293-	36-	153-	26891
T3 (105)	19/09/24	19:53:32	20:02:48	00:08:06	-----	277-	15-	183-	26777
R2 (108)	19/09/24	19:54:14	20:05:11	00:02:22	-----	288-	24-	54-	28927
D8 (36)	19/09/24	19:55:48	20:08:08	00:02:56	-----	286-	31-	62-	3458
A1 (05)	19/09/24	19:57:07	20:10:01	00:01:53	-----	254-	58-	57-	13973
K7 (107)	19/09/24	19:58:09	20:06:34	00:03:02	-----	273-	13-	188-	26730
D3 (31)	19/09/24	20:05:14	20:17:29	00:10:54	-----	295-	30-	69-	3369
A4 (08)	19/09/24	20:05:30	20:18:19	00:00:49	-----	258-	51-	56-	13971
R3 (115)	19/09/24	20:12:20	20:22:55	00:04:35	-----	297-	22-	58-	27860
A3 (07)	19/09/24	20:14:55	20:27:41	00:04:45	-----	260-	49-	56-	13974
D2 (30)	19/09/24	20:21:14	20:33:29	00:05:48	-----	294-	30-	69-	3406
D4 (32)	19/09/24	20:25:13	20:37:30	00:04:01	-----	296-	31-	71-	3453
A8 (12)	19/09/24	20:35:56	20:48:29	00:10:58	-----	268-	41-	57-	13974
D7 (35)	19/09/24	20:37:58	20:50:12	00:01:43	-----	294-	30-	68-	3440
A5 (09)	19/09/24	20:42:30	20:54:58	00:04:46	-----	269-	39-	56-	13971
R1 (117)	19/09/24	20:49:43	21:00:24	00:05:26	-----	302-	22-	63-	27856
S3 (112)	19/09/24	21:09:56	21:15:40	00:05:44	00:09:31	157-	8-	103-	27822
B8 (20)	19/09/24	21:11:15	21:16:33	00:00:52	-----	152-	7-	104-	10391
D6 (34)	19/09/24	21:11:21	21:23:46	00:07:12	-----	299-	32-	78-	3463
A7 (11)	19/09/24	21:14:16	21:26:28	00:02:42	-----	279-	33-	58-	13974
A6 (10)	19/09/24	21:19:56	21:32:07	00:05:39	-----	280-	33-	59-	13974
B3 (15)	19/09/24	21:20:51	21:26:35	00:05:03	-----	157-	8-	106-	10396
A2 (06)	19/09/24	21:25:32	21:37:42	00:11:06	-----	282-	32-	61-	13974
B2 (14)	19/09/24	21:32:31	21:40:21	00:02:38	-----	167-	11-	94-	10378
R2 (108)	19/09/24	21:39:11	21:50:12	00:09:51	-----	308-	25-	75-	28928
D8 (36)	19/09/24	21:42:13	21:54:56	00:04:43	-----	302-	38-	87-	3459
S1 (116)	19/09/24	21:43:22	21:53:02	00:01:05	-----	183-	17-	78-	27740
S4 (119)	19/09/24	21:43:24	21:52:52	00:00:09	-----	181-	17-	79-	27739
A1 (05)	19/09/24	21:43:25	21:55:29	00:02:36	-----	287-	31-	63-	13974
B4 (16)	19/09/24	21:45:19	21:54:47	00:00:04	-----	178-	15-	88-	10396
D3 (31)	19/09/24	21:51:17	22:04:20	00:09:33	-----	303-	51-	101-	3370
A4 (08)	19/09/24	21:51:52	22:03:51	00:00:02	-----	289-	30-	63-	13972
R3 (115)	19/09/24	21:56:37	22:07:55	00:04:03	-----	310-	30-	86-	27861
A3 (07)	19/09/24	22:01:17	22:13:16	00:05:21	-----	291-	30-	64-	13975
B6 (18)	19/09/24	22:01:57	22:13:04	00:00:01	-----	192-	22-	76-	10379
D2 (30)	19/09/24	22:07:19	22:20:20	00:07:16	-----	303-	50-	100-	3407
D4 (32)	19/09/24	22:11:15	22:24:23	00:04:02	-----	303-	55-	104-	3454
S2 (113)	19/09/24	22:15:13	22:26:29	00:02:06	-----	200-	30-	68-	27828
A8 (12)	19/09/24	22:22:18	22:34:17	00:07:48	-----	295-	30-	71-	13975
D7 (35)	19/09/24	22:24:03	22:37:03	00:02:45	-----	303-	49-	99-	3441
A5 (09)	19/09/24	22:28:51	22:40:49	00:03:46	-----	296-	30-	70-	13972
R1 (117)	19/09/24	22:34:00	22:45:45	00:04:56	-----	310-	36-	95-	27857
B7 (19)	19/09/24	22:41:48	22:54:22	00:08:36	-----	210-	39-	67-	10379

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
B1 (13)	19/09/24	22:41:50	22:54:04	00:00:01	-----	204-	33-	69-	10285
S3 (112)	19/09/24	22:49:40	23:01:48	00:07:43	-----	218-	53-	61-	27823
B8 (20)	19/09/24	22:52:13	23:05:00	00:03:11	-----	216-	45-	66-	10392
G2 (04)	19/09/24	22:56:39	23:06:18	00:01:19	-----	52-	16-	153-	12496
D6 (34)	19/09/24	22:57:11	23:10:27	00:04:08	-----	302-	69-	113-	3464
A7 (11)	19/09/24	23:00:27	23:12:35	00:02:08	-----	300-	33-	78-	13975
B3 (15)	19/09/24	23:02:00	23:14:49	00:02:13	-----	217-	47-	66-	10397
A6 (10)	19/09/24	23:06:05	23:18:16	00:03:26	-----	300-	33-	79-	13975
A2 (06)	19/09/24	23:11:38	23:23:54	00:05:37	-----	301-	34-	83-	13975
B2 (14)	19/09/24	23:14:43	23:27:46	00:03:52	-----	223-	57-	64-	10379
R2 (108)	19/09/24	23:23:03	23:35:20	00:07:33	-----	307-	61-	113-	28929
S4 (119)	19/09/24	23:25:10	23:37:34	00:02:14	-----	234-	89-	56-	27740
S1 (116)	19/09/24	23:25:15	23:37:40	00:00:05	-----	235-	88-	56-	27741
D8 (36)	19/09/24	23:27:55	23:41:12	00:03:32	-----	299-	81-	126-	3460
B4 (16)	19/09/24	23:28:22	23:41:35	00:00:22	-----	229-	71-	62-	10397
A1 (05)	19/09/24	23:29:22	23:41:47	00:00:11	-----	302-	37-	88-	13975
D3 (31)	19/09/24	23:37:01	23:49:51	00:08:03	-----	294-	47-	144-	3371
A4 (08)	19/09/24	23:37:42	23:50:12	00:00:21	-----	303-	40-	90-	13973
R3 (115)	19/09/24	23:40:04	23:52:18	00:02:06	-----	304-	87-	127-	27862
B6 (18)	19/09/24	23:46:01	23:59:20	00:07:01	-----	239-	86-	59-	10380
A3 (07)	19/09/24	23:47:04	23:59:38	00:00:18	-----	303-	42-	92-	13976
D2 (30)	19/09/24	23:53:01	00:05:56	00:06:17	-----	295-	49-	142-	3408
D4 (32)	19/09/24	23:57:05	00:09:45	00:03:49	-----	293-	41-	148-	3455
S2 (113)	19/09/24	23:58:15	00:10:33	00:00:47	-----	249-	58-	53-	27829
A8 (12)	19/09/25	00:07:52	00:20:38	00:10:05	-----	303-	50-	101-	13976
D7 (35)	19/09/25	00:09:45	00:22:39	00:02:00	-----	295-	50-	142-	3442
A5 (09)	19/09/25	00:14:22	00:27:10	00:04:30	-----	303-	52-	102-	13973
R1 (117)	19/09/25	00:17:44	00:29:56	00:02:46	-----	300-	61-	138-	27858
B1 (13)	19/09/25	00:26:44	00:39:59	00:10:02	-----	250-	64-	58-	10286
B7 (19)	19/09/25	00:27:00	00:40:10	00:00:11	-----	254-	57-	58-	10380
S3 (112)	19/09/25	00:33:40	00:45:35	00:05:24	-----	263-	39-	51-	27824
G2 (04)	19/09/25	00:33:53	00:46:30	00:00:55	-----	19-	62-	217-	12497
B8 (20)	19/09/25	00:37:40	00:50:44	00:04:13	-----	258-	52-	57-	10393
D6 (34)	19/09/25	00:43:09	00:55:12	00:04:27	-----	288-	30-	157-	3465
A7 (11)	19/09/25	00:45:45	00:58:44	00:03:32	-----	302-	73-	115-	13976
B3 (15)	19/09/25	00:47:29	01:00:33	00:01:49	-----	259-	51-	57-	10398
A6 (10)	19/09/25	00:51:23	01:04:23	00:03:49	-----	302-	76-	116-	13976
A2 (06)	19/09/25	00:56:54	01:09:56	00:05:33	-----	301-	82-	119-	13976
B2 (14)	19/09/25	01:00:31	01:13:28	00:03:31	-----	263-	46-	57-	10380
R2 (108)	19/09/25	01:07:09	01:18:15	00:04:47	-----	290-	28-	161-	28930
S4 (119)	19/09/25	01:09:52	01:21:19	00:03:03	-----	276-	30-	51-	27741
S1 (116)	19/09/25	01:10:00	01:21:24	00:00:05	-----	277-	29-	51-	27742
B4 (16)	19/09/25	01:14:27	01:27:15	00:05:50	-----	269-	41-	57-	10398
D8 (36)	19/09/25	01:14:27	01:24:44	00:02:03	-----	279-	18-	176-	3461
A1 (05)	19/09/25	01:14:35	01:27:36	00:02:51	-----	300-	82-	126-	13976
A4 (08)	19/09/25	01:22:54	01:35:48	00:08:11	-----	298-	70-	131-	13974
R3 (115)	19/09/25	01:24:32	01:33:42	00:02:05	-----	278-	16-	180-	27863
D3 (31)	19/09/25	01:25:14	01:31:03	00:02:03	-----	259-	8-	203-	3372
A3 (07)	19/09/25	01:32:16	01:45:09	00:12:53	00:01:12	297-	65-	133-	13977
B6 (18)	19/09/25	01:32:28	01:45:04	00:00:05	-----	277-	35-	60-	10381

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
D2 (30)	19/09/25	01:41:01	01:47:25	00:02:21	-----	262-	8-	200-	3409
S2 (113)	19/09/25	01:43:25	01:54:26	00:07:00	-----	287-	25-	53-	27830
D4 (32)	19/09/25	01:46:15	01:50:01	00:04:02	-----	250-	6-	215-	3456
A8 (12)	19/09/25	01:53:08	02:05:41	00:12:32	00:03:06	294-	46-	143-	13977
D7 (35)	19/09/25	01:57:40	02:04:14	00:01:02	-----	262-	9-	199-	3443
A5 (09)	19/09/25	01:59:39	02:12:06	00:07:52	-----	293-	43-	146-	13974
R1 (117)	19/09/25	02:03:23	02:10:19	00:01:04	-----	266-	10-	199-	27859
B1 (13)	19/09/25	02:13:28	02:25:52	00:12:24	00:03:08	284-	32-	62-	10287
B7 (19)	19/09/25	02:13:48	02:26:08	00:00:15	-----	287-	31-	64-	10381
G2 (04)	19/09/25	02:14:22	02:21:00	00:05:08	-----	346-	9-	286-	12498
S3 (112)	19/09/25	02:19:02	02:29:46	00:08:47	-----	296-	22-	58-	27825
B8 (20)	19/09/25	02:24:29	02:36:46	00:07:00	-----	289-	31-	66-	10394
A7 (11)	19/09/25	02:31:20	02:42:48	00:06:02	-----	286-	27-	161-	13977
B3 (15)	19/09/25	02:34:19	02:46:37	00:03:48	-----	290-	31-	66-	10399
A6 (10)	19/09/25	02:37:00	02:48:21	00:01:44	-----	286-	26-	163-	13977
A2 (06)	19/09/25	02:42:37	02:53:39	00:05:17	-----	283-	23-	166-	13977
B2 (14)	19/09/25	02:47:21	02:59:38	00:05:58	-----	293-	30-	68-	10381
S4 (119)	19/09/25	02:55:09	03:05:54	00:06:16	-----	303-	23-	65-	27742
S1 (116)	19/09/25	02:55:16	03:06:02	00:00:07	-----	304-	23-	66-	27743
A1 (05)	19/09/25	03:00:38	03:10:43	00:04:41	-----	278-	17-	175-	13977
B4 (16)	19/09/25	03:01:15	03:13:33	00:02:50	-----	295-	31-	70-	10399
A4 (08)	19/09/25	03:09:18	03:18:19	00:04:46	-----	274-	14-	183-	13975
C7 (27)	19/09/25	03:12:43	03:21:02	00:02:42	-----	170-	12-	91-	9733
T2 (110)	19/09/25	03:14:27	03:21:19	00:00:17	-----	163-	10-	96-	27707
A3 (07)	19/09/25	03:18:50	03:27:27	00:06:07	-----	272-	13-	187-	13978
B6 (18)	19/09/25	03:19:10	03:31:36	00:04:08	-----	299-	33-	78-	10382
S2 (113)	19/09/25	03:28:24	03:39:25	00:07:49	-----	308-	25-	75-	27831
A8 (12)	19/09/25	03:40:56	03:46:24	00:05:27	00:01:30	254-	7-	209-	13978
T4 (114)	19/09/25	03:47:40	03:57:36	00:09:56	00:01:16	186-	19-	77-	27710
A5 (09)	19/09/25	03:47:52	03:52:23	00:05:01	-----	254-	7-	211-	13975
C3 (23)	19/09/25	03:48:40	03:59:46	00:07:22	-----	192-	22-	76-	9705
B1 (13)	19/09/25	03:59:58	04:12:37	00:12:38	00:00:12	302-	36-	86-	10288
B7 (19)	19/09/25	04:00:12	04:12:55	00:00:18	-----	302-	39-	89-	10382
S3 (112)	19/09/25	04:03:36	04:15:03	00:02:07	-----	310-	30-	86-	27826
C1 (21)	19/09/25	04:05:43	04:17:44	00:02:41	-----	202-	31-	70-	9689
B8 (20)	19/09/25	04:10:48	04:23:35	00:05:50	-----	303-	41-	92-	10395
B3 (15)	19/09/25	04:20:36	04:33:26	00:09:51	-----	303-	42-	93-	10400
T1 (118)	19/09/25	04:20:57	04:32:27	00:00:05	-----	204-	34-	66-	27624
B2 (14)	19/09/25	04:33:31	04:46:28	00:12:57	00:01:03	303-	46-	98-	10382
S4 (119)	19/09/25	04:39:20	04:51:15	00:04:46	-----	309-	40-	98-	27743
S1 (116)	19/09/25	04:39:25	04:51:22	00:00:07	-----	309-	41-	100-	27744
B4 (16)	19/09/25	04:47:15	05:00:21	00:08:58	-----	303-	53-	102-	10400
T2 (110)	19/09/25	04:54:47	05:07:00	00:06:38	-----	222-	60-	60-	27708
C7 (27)	19/09/25	04:55:12	05:08:16	00:01:16	-----	225-	60-	63-	9734
B6 (18)	19/09/25	05:05:01	05:18:16	00:10:00	-----	302-	68-	112-	10383
S2 (113)	19/09/25	05:12:17	05:24:34	00:06:17	-----	307-	59-	112-	27832
T4 (114)	19/09/25	05:29:45	05:42:08	00:12:23	00:05:11	237-	83-	55-	27711
C3 (23)	19/09/25	05:32:45	05:46:02	00:03:54	-----	239-	86-	59-	9706
B1 (13)	19/09/25	05:45:42	05:59:00	00:12:58	-----	300-	89-	123-	10289
B7 (19)	19/09/25	05:45:53	05:59:08	00:00:07	-----	299-	78-	127-	10383

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
S3 (112)	19/09/25	05:47:20	05:59:43	00:00:34	-----	304-	87-	127-	27827
C1 (21)	19/09/25	05:50:28	06:03:41	00:03:58	-----	248-	68-	58-	9690
B8 (20)	19/09/25	05:56:28	06:09:39	00:05:57	-----	298-	69-	131-	10396
T1 (118)	19/09/25	06:04:14	06:16:26	00:06:46	-----	252-	52-	52-	27625
B3 (15)	19/09/25	06:06:16	06:19:28	00:03:01	-----	298-	67-	132-	10401
B2 (14)	19/09/25	06:19:13	06:32:14	00:12:46	-----	296-	56-	138-	10383
S4 (119)	19/09/25	06:23:07	06:35:13	00:02:58	-----	298-	52-	142-	27744
S1 (116)	19/09/25	06:23:13	06:35:15	00:00:02	-----	298-	49-	144-	27745
B4 (16)	19/09/25	06:33:00	06:45:44	00:10:28	-----	293-	44-	146-	10401
T2 (110)	19/09/25	06:38:57	06:50:45	00:05:00	-----	266-	37-	51-	27709
C7 (27)	19/09/25	06:41:05	06:53:57	00:03:12	-----	265-	44-	57-	9735
B6 (18)	19/09/25	06:50:58	07:03:02	00:09:05	-----	288-	31-	156-	10384
S2 (113)	19/09/25	06:56:22	07:07:33	00:04:30	-----	290-	29-	159-	27833
T4 (114)	19/09/25	07:14:34	07:25:53	00:11:19	00:07:00	278-	28-	51-	27712
C3 (23)	19/09/25	07:19:13	07:31:46	00:05:53	-----	277-	35-	59-	9707
B1 (13)	19/09/25	07:32:04	07:42:54	00:10:50	00:00:17	281-	20-	170-	10290
S3 (112)	19/09/25	07:32:06	07:41:22	00:01:03	-----	278-	16-	180-	27828
B7 (19)	19/09/25	07:32:30	07:42:34	00:01:11	-----	277-	17-	178-	10384
K6 (106)	19/09/25	07:33:17	07:42:08	00:00:02	-----	179-	15-	82-	27679
C1 (21)	19/09/25	07:37:09	07:49:32	00:07:24	-----	283-	32-	62-	9691
B8 (20)	19/09/25	07:43:21	07:52:36	00:03:04	-----	273-	14-	183-	10397
T1 (118)	19/09/25	07:49:28	08:00:23	00:07:46	-----	290-	24-	54-	27626
B3 (15)	19/09/25	07:53:13	08:02:21	00:01:58	-----	272-	14-	186-	10402
B2 (14)	19/09/25	08:06:42	08:14:21	00:07:38	00:04:21	265-	10-	196-	10384
S4 (119)	19/09/25	08:09:24	08:14:48	00:00:27	-----	258-	8-	209-	27745
S1 (116)	19/09/25	08:09:44	08:14:34	00:00:01	-----	254-	7-	213-	27746
B4 (16)	19/09/25	08:21:34	08:26:29	00:04:55	00:07:00	256-	7-	208-	10402
T2 (110)	19/09/25	08:24:19	08:35:02	00:08:32	-----	298-	22-	59-	27710
C7 (27)	19/09/25	08:27:56	08:40:10	00:05:08	-----	294-	30-	69-	9736
G2 (04)	19/09/25	08:35:43	08:42:03	00:01:53	-----	78-	9-	16-	12502
T4 (114)	19/09/25	08:59:48	09:10:33	00:10:45	00:17:44	304-	23-	67-	27713
C3 (23)	19/09/25	09:05:56	09:18:19	00:07:45	-----	299-	32-	78-	9708
K3 (103)	19/09/25	09:13:29	09:20:43	00:02:23	-----	165-	10-	94-	26739
K6 (106)	19/09/25	09:14:14	09:26:10	00:05:27	-----	233-	86-	56-	27680
C1 (21)	19/09/25	09:23:41	09:36:14	00:10:03	-----	301-	35-	84-	9692
T1 (118)	19/09/25	09:34:21	09:45:27	00:09:13	-----	308-	26-	77-	27627
K9 (109)	19/09/25	09:45:41	09:56:00	00:10:17	00:00:13	187-	21-	74-	26739
K4 (104)	19/09/25	10:07:43	10:16:06	00:08:22	00:11:43	174-	13-	86-	26900
T2 (110)	19/09/25	10:08:47	10:20:21	00:04:15	-----	310-	32-	89-	27711
G2 (04)	19/09/25	10:10:07	10:22:36	00:02:14	-----	142-	60-	342-	12503
C7 (27)	19/09/25	10:14:03	10:27:01	00:04:25	-----	303-	48-	99-	9737
K7 (107)	19/09/25	10:18:46	10:30:20	00:03:19	-----	206-	36-	66-	26739
T3 (105)	19/09/25	10:21:22	10:33:31	00:03:10	-----	208-	39-	64-	26786
T4 (114)	19/09/25	10:43:54	10:55:53	00:11:58	00:10:22	309-	43-	101-	27714
C3 (23)	19/09/25	10:51:47	11:05:00	00:09:07	-----	302-	68-	112-	9709
K3 (103)	19/09/25	10:54:01	11:06:14	00:01:13	-----	223-	63-	60-	26740
K6 (106)	19/09/25	10:58:12	11:09:08	00:02:53	-----	275-	29-	50-	27681
C1 (21)	19/09/25	11:09:25	11:22:41	00:13:16	00:00:17	301-	86-	121-	9693
T1 (118)	19/09/25	11:18:11	11:30:31	00:07:49	-----	307-	66-	116-	27628
K9 (109)	19/09/25	11:28:01	11:40:22	00:09:51	-----	240-	76-	55-	26740

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
K4 (104)	19/09/25	11:49:02	12:01:16	00:12:14	00:08:39	229-	76-	58-	26901
G2 (04)	19/09/25	11:50:16	11:59:52	00:01:02	-----	206-	16-	305-	12504
T2 (110)	19/09/25	11:52:31	12:04:52	00:05:00	-----	302-	78-	130-	27712
C7 (27)	19/09/25	11:59:45	12:12:41	00:07:48	-----	295-	52-	140-	9738
K7 (107)	19/09/25	12:02:08	12:14:17	00:01:35	-----	253-	51-	52-	26740
T3 (105)	19/09/25	12:05:43	12:18:18	00:04:00	-----	255-	49-	52-	26787
T4 (114)	19/09/25	12:27:43	12:39:39	00:11:55	00:09:25	297-	46-	146-	27715
C3 (23)	19/09/25	12:37:44	12:49:48	00:10:08	-----	288-	31-	156-	9710
K3 (103)	19/09/25	12:38:15	12:50:00	00:00:11	-----	267-	36-	51-	26741
K6 (106)	19/09/25	12:42:48	12:52:54	00:02:54	-----	304-	21-	63-	27682
C1 (21)	19/09/25	12:55:40	13:06:45	00:11:04	00:02:46	282-	22-	168-	9694
T1 (118)	19/09/25	13:02:23	13:13:14	00:06:29	-----	288-	25-	164-	27629
K9 (109)	19/09/25	13:12:56	13:24:09	00:10:54	-----	280-	27-	52-	26741
K4 (104)	19/09/25	13:33:37	13:45:06	00:11:29	00:09:27	272-	32-	51-	26902
T2 (110)	19/09/25	13:37:30	13:46:11	00:01:04	-----	275-	14-	185-	27713
K7 (107)	19/09/25	13:47:23	13:58:15	00:10:51	00:01:12	290-	24-	54-	26741
C7 (27)	19/09/25	13:47:30	13:54:29	00:03:04	-----	262-	9-	200-	9739
T3 (105)	19/09/25	13:51:51	14:03:12	00:08:42	-----	291-	24-	56-	26788
D3 (31)	19/09/25	14:15:22	14:23:05	00:07:42	00:12:10	167-	10-	93-	3380
K3 (103)	19/09/25	14:23:37	14:34:17	00:10:40	00:00:31	299-	22-	60-	26742
K6 (106)	19/09/25	14:26:16	14:37:32	00:03:14	-----	310-	36-	96-	27683
D2 (30)	19/09/25	14:31:39	14:38:56	00:01:23	-----	165-	10-	95-	3417
D4 (32)	19/09/25	14:35:16	14:44:02	00:05:05	-----	173-	13-	92-	3464
D7 (35)	19/09/25	14:48:26	14:55:35	00:07:08	00:04:24	164-	10-	96-	3451
K9 (109)	19/09/25	14:58:06	15:08:54	00:10:47	00:02:31	305-	23-	69-	26742
K4 (104)	19/09/25	15:19:01	15:29:40	00:10:39	00:10:06	302-	22-	63-	26903
D6 (34)	19/09/25	15:19:38	15:30:03	00:00:23	-----	186-	18-	79-	3474
R2 (108)	19/09/25	15:30:01	15:39:38	00:09:34	-----	183-	17-	78-	28939
K7 (107)	19/09/25	15:32:14	15:43:21	00:03:43	-----	309-	26-	78-	26742
T3 (105)	19/09/25	15:37:31	15:49:14	00:05:52	-----	308-	28-	81-	26789
R3 (115)	19/09/25	15:43:25	15:54:24	00:05:10	-----	198-	28-	69-	27872
D8 (36)	19/09/25	15:49:14	16:01:20	00:06:56	-----	203-	31-	71-	3470
D3 (31)	19/09/25	15:57:33	16:10:32	00:09:12	-----	222-	56-	64-	3381
K3 (103)	19/09/25	16:08:02	16:19:37	00:09:04	-----	310-	33-	90-	26743
K6 (106)	19/09/25	16:09:17	16:20:55	00:01:17	-----	299-	55-	140-	27684
D2 (30)	19/09/25	16:13:37	16:26:33	00:05:38	-----	221-	54-	65-	3418
D4 (32)	19/09/25	16:18:03	16:31:09	00:04:36	-----	226-	64-	63-	3465
R1 (117)	19/09/25	16:23:06	16:35:00	00:03:50	-----	212-	44-	63-	27868
A8 (12)	19/09/25	16:27:55	16:34:44	00:00:01	-----	162-	9-	99-	13986
D7 (35)	19/09/25	16:30:19	16:43:15	00:08:31	-----	221-	53-	65-	3452
A5 (09)	19/09/25	16:34:05	16:41:27	00:01:04	-----	166-	10-	94-	13983
K9 (109)	19/09/25	16:42:08	16:54:12	00:12:04	00:00:40	309-	46-	104-	26743
D6 (34)	19/09/25	17:03:17	17:16:32	00:13:14	00:09:05	235-	84-	60-	3475
K4 (104)	19/09/25	17:03:23	17:15:10	00:01:02	-----	310-	36-	94-	26904
A7 (11)	19/09/25	17:03:41	17:14:00	00:01:09	-----	187-	19-	82-	13986
A6 (10)	19/09/25	17:09:11	17:19:40	00:05:40	-----	188-	19-	81-	13986
R2 (108)	19/09/25	17:11:53	17:24:16	00:04:35	-----	235-	88-	56-	28940
A2 (06)	19/09/25	17:14:25	17:25:19	00:01:03	-----	192-	22-	76-	13986
K7 (107)	19/09/25	17:16:03	17:28:22	00:03:03	-----	306-	68-	117-	26743
T3 (105)	19/09/25	17:22:11	17:35:01	00:06:38	-----	305-	76-	120-	26790

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
R3 (115)	19/09/25	17:26:05	17:38:14	00:03:12	-----	248-	60-	53-	27873
A1 (05)	19/09/25	17:31:38	17:43:16	00:05:02	-----	199-	28-	72-	13986
D8 (36)	19/09/25	17:34:02	17:47:16	00:04:00	-----	249-	66-	57-	3471
A4 (08)	19/09/25	17:39:34	17:51:41	00:04:24	-----	206-	34-	70-	13984
D3 (31)	19/09/25	17:43:20	17:56:14	00:04:33	-----	263-	46-	56-	3382
A3 (07)	19/09/25	17:48:53	18:01:05	00:04:51	-----	209-	37-	69-	13987
K3 (103)	19/09/25	17:51:46	18:04:05	00:03:00	-----	302-	75-	132-	26744
K6 (106)	19/09/25	17:54:35	18:00:10	00:03:05	-----	259-	8-	206-	27685
D2 (30)	19/09/25	17:59:20	18:12:15	00:12:04	-----	262-	47-	56-	3419
D4 (32)	19/09/25	18:04:04	18:16:53	00:04:38	-----	266-	43-	57-	3466
R1 (117)	19/09/25	18:06:49	18:18:49	00:01:56	-----	259-	44-	51-	27869
A8 (12)	19/09/25	18:09:17	18:22:00	00:03:10	-----	220-	52-	65-	13987
A5 (09)	19/09/25	18:15:44	18:28:29	00:06:29	-----	222-	55-	65-	13984
D7 (35)	19/09/25	18:16:01	18:28:57	00:00:27	-----	262-	47-	56-	3453
K9 (109)	19/09/25	18:26:01	18:37:50	00:08:52	-----	295-	41-	149-	26744
A7 (11)	19/09/25	18:46:57	18:59:58	00:13:00	00:09:06	236-	85-	60-	13987
K4 (104)	19/09/25	18:47:12	18:59:30	00:00:02	-----	300-	62-	137-	26905
D6 (34)	19/09/25	18:49:36	19:02:14	00:02:44	-----	273-	37-	59-	3476
A6 (10)	19/09/25	18:52:33	19:05:34	00:03:20	-----	237-	88-	60-	13987
R2 (108)	19/09/25	18:56:37	19:08:00	00:02:25	-----	276-	29-	51-	28941
A2 (06)	19/09/25	18:58:03	19:11:06	00:03:05	-----	240-	85-	59-	13987
K7 (107)	19/09/25	19:00:17	19:11:00	00:00:05	-----	287-	24-	166-	26744
T3 (105)	19/09/25	19:07:24	19:18:16	00:07:16	-----	286-	22-	169-	26791
R3 (115)	19/09/25	19:10:56	19:21:48	00:03:31	-----	286-	25-	53-	27874
A1 (05)	19/09/25	19:15:47	19:28:48	00:07:00	-----	246-	71-	58-	13987
D8 (36)	19/09/25	19:20:44	19:33:08	00:04:20	-----	283-	32-	60-	3472
A4 (08)	19/09/25	19:24:06	19:37:03	00:03:54	-----	251-	62-	57-	13985
D3 (31)	19/09/25	19:30:11	19:42:25	00:05:21	-----	292-	30-	67-	3383
A3 (07)	19/09/25	19:33:32	19:46:26	00:04:01	-----	253-	59-	57-	13988
K3 (103)	19/09/25	19:36:50	19:45:16	00:01:01	-----	273-	13-	188-	26745
D2 (30)	19/09/25	19:46:11	19:58:24	00:12:13	00:00:54	292-	30-	66-	3420
D4 (32)	19/09/25	19:50:58	20:03:13	00:04:48	-----	294-	30-	69-	3467
R1 (117)	19/09/25	19:52:08	20:02:54	00:00:01	-----	294-	23-	56-	27870
A8 (12)	19/09/25	19:54:30	20:07:13	00:04:19	-----	262-	47-	57-	13988
A5 (09)	19/09/25	20:01:03	20:13:42	00:06:28	-----	263-	45-	56-	13985
D7 (35)	19/09/25	20:02:52	20:15:05	00:01:23	-----	292-	30-	66-	3454
A7 (11)	19/09/25	20:32:49	20:45:11	00:12:21	00:17:43	274-	36-	57-	13988
K4 (104)	19/09/25	20:32:53	20:40:05	00:05:06	-----	266-	10-	198-	26906
D6 (34)	19/09/25	20:36:22	20:48:42	00:08:37	-----	298-	31-	75-	3477
A6 (10)	19/09/25	20:38:28	20:50:48	00:02:05	-----	275-	36-	57-	13988
R2 (108)	19/09/25	20:41:53	20:52:37	00:01:49	-----	304-	23-	66-	28942
A2 (06)	19/09/25	20:44:03	20:56:21	00:03:43	-----	277-	35-	59-	13988
S1 (116)	19/09/25	20:48:30	20:54:35	00:01:04	-----	158-	8-	100-	27754
S4 (119)	19/09/25	20:48:42	20:54:16	00:00:01	-----	156-	8-	99-	27753
R3 (115)	19/09/25	20:55:39	21:06:28	00:10:48	00:01:23	308-	24-	73-	27875
B2 (14)	19/09/25	20:58:34	21:04:31	00:01:05	-----	157-	8-	105-	10392
A1 (05)	19/09/25	21:01:58	21:14:08	00:09:37	-----	282-	32-	61-	13988
D8 (36)	19/09/25	21:07:16	21:19:52	00:05:44	-----	301-	36-	83-	3473
A4 (08)	19/09/25	21:10:22	21:22:27	00:02:34	-----	285-	31-	61-	13986
B4 (16)	19/09/25	21:10:48	21:19:01	00:03:02	-----	170-	11-	91-	10410

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
D3 (31)	19/09/25	21:16:20	21:29:16	00:10:15	-----	303-	46-	96-	3384
S2 (113)	19/09/25	21:19:20	21:28:50	00:00:02	-----	182-	17-	79-	27842
A3 (07)	19/09/25	21:19:50	21:31:53	00:03:03	-----	286-	31-	61-	13989
B6 (18)	19/09/25	21:27:23	21:37:46	00:05:52	-----	185-	18-	80-	10393
D2 (30)	19/09/25	21:32:22	21:45:16	00:07:30	-----	303-	45-	95-	3421
R1 (117)	19/09/25	21:36:49	21:48:06	00:02:50	-----	309-	28-	82-	27871
D4 (32)	19/09/25	21:37:06	21:50:07	00:02:01	-----	303-	50-	100-	3468
A8 (12)	19/09/25	21:40:53	21:52:51	00:02:43	-----	292-	30-	67-	13989
A5 (09)	19/09/25	21:47:25	21:59:22	00:06:30	-----	292-	30-	66-	13986
D7 (35)	19/09/25	21:49:04	22:01:57	00:02:34	-----	303-	44-	95-	3455
S3 (112)	19/09/25	21:53:15	22:04:31	00:02:34	-----	200-	30-	68-	27837
B7 (19)	19/09/25	22:07:03	22:19:15	00:12:11	00:02:31	204-	33-	70-	10393
B1 (13)	19/09/25	22:07:14	22:19:01	00:00:01	-----	198-	28-	72-	10299
B8 (20)	19/09/25	22:17:26	22:29:53	00:10:52	-----	209-	37-	68-	10406
A7 (11)	19/09/25	22:19:07	22:31:09	00:01:15	-----	298-	31-	73-	13989
D6 (34)	19/09/25	22:22:17	22:35:29	00:04:19	-----	303-	60-	108-	3478
A6 (10)	19/09/25	22:24:44	22:36:47	00:01:18	-----	298-	31-	74-	13989
R2 (108)	19/09/25	22:26:02	22:37:58	00:01:10	-----	309-	41-	99-	28943
B3 (15)	19/09/25	22:27:10	22:39:41	00:01:43	-----	210-	39-	67-	10411
S4 (119)	19/09/25	22:28:22	22:40:29	00:00:47	-----	218-	52-	61-	27754
S1 (116)	19/09/25	22:28:25	22:40:34	00:00:05	-----	219-	55-	61-	27755
A2 (06)	19/09/25	22:30:16	22:42:24	00:01:49	-----	299-	32-	77-	13989
G2 (04)	19/09/25	22:30:36	22:34:24	00:07:05	-----	81-	6-	122-	12510
R3 (115)	19/09/25	22:39:16	22:51:22	00:12:06	00:04:51	308-	56-	111-	27876
B2 (14)	19/09/25	22:39:49	22:52:40	00:01:18	-----	217-	47-	66-	10393
A1 (05)	19/09/25	22:48:04	23:00:20	00:07:39	-----	301-	34-	82-	13989
D8 (36)	19/09/25	22:53:00	23:06:19	00:06:00	-----	301-	87-	121-	3474
B4 (16)	19/09/25	22:53:11	23:06:17	00:00:02	-----	224-	59-	64-	10411
A4 (08)	19/09/25	22:56:23	23:08:42	00:02:25	-----	302-	36-	84-	13987
S2 (113)	19/09/25	23:01:07	23:13:31	00:04:48	-----	234-	89-	56-	27843
D3 (31)	19/09/25	23:02:02	23:15:03	00:01:32	-----	296-	56-	138-	3385
A3 (07)	19/09/25	23:05:48	23:18:11	00:03:07	-----	302-	37-	86-	13990
B6 (18)	19/09/25	23:10:59	23:24:16	00:06:05	-----	234-	82-	60-	10394
D2 (30)	19/09/25	23:18:02	23:31:07	00:06:50	-----	296-	58-	137-	3422
R1 (117)	19/09/25	23:20:34	23:32:56	00:01:48	-----	305-	81-	122-	27872
D4 (32)	19/09/25	23:22:52	23:35:46	00:02:49	-----	295-	49-	142-	3469
A8 (12)	19/09/25	23:26:37	23:39:13	00:03:27	-----	303-	43-	95-	13990
A5 (09)	19/09/25	23:33:07	23:45:44	00:06:31	-----	303-	44-	95-	13987
D7 (35)	19/09/25	23:34:44	23:47:49	00:02:04	-----	297-	60-	136-	3456
S3 (112)	19/09/25	23:36:18	23:48:35	00:00:46	-----	249-	58-	53-	27838
B1 (13)	19/09/25	23:51:46	00:05:04	00:13:17	00:03:11	245-	73-	58-	10300
B7 (19)	19/09/25	23:51:55	00:05:09	00:00:05	-----	250-	65-	58-	10394
B8 (20)	19/09/26	00:02:33	00:15:43	00:10:33	-----	253-	59-	58-	10407
A7 (11)	19/09/26	00:04:33	00:17:26	00:01:42	-----	303-	60-	107-	13990
G2 (04)	19/09/26	00:05:13	00:17:55	00:00:28	-----	29-	68-	198-	12511
D6 (34)	19/09/26	00:08:08	00:20:34	00:02:39	-----	291-	36-	151-	3479
R2 (108)	19/09/26	00:09:50	00:21:52	00:01:17	-----	298-	50-	143-	28944
A6 (10)	19/09/26	00:10:09	00:23:03	00:01:11	-----	303-	62-	108-	13990
B3 (15)	19/09/26	00:12:20	00:25:30	00:02:26	-----	254-	58-	58-	10412
S4 (119)	19/09/26	00:12:21	00:24:16	00:01:01	-----	263-	40-	51-	27755

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
S1 (116)	19/09/26	00:12:28	00:24:21	00:00:04	-----	264-	39-	51-	27756
A2 (06)	19/09/26	00:15:38	00:28:37	00:04:16	-----	302-	67-	112-	13990
R3 (115)	19/09/26	00:23:01	00:34:12	00:05:34	-----	291-	31-	157-	27877
B2 (14)	19/09/26	00:25:20	00:38:24	00:04:11	-----	259-	51-	57-	10394
A1 (05)	19/09/26	00:33:21	00:46:23	00:07:59	-----	301-	80-	118-	13990
B4 (16)	19/09/26	00:39:02	00:51:57	00:05:33	-----	264-	45-	57-	10412
D8 (36)	19/09/26	00:39:17	00:50:21	00:01:03	-----	283-	21-	169-	3475
A4 (08)	19/09/26	00:41:37	00:54:36	00:04:15	-----	300-	88-	123-	13988
S2 (113)	19/09/26	00:45:49	00:57:16	00:02:39	-----	276-	30-	51-	27844
D3 (31)	19/09/26	00:49:30	00:57:13	00:00:02	-----	267-	10-	193-	3386
A3 (07)	19/09/26	00:51:00	01:04:01	00:06:47	-----	300-	83-	125-	13991
B6 (18)	19/09/26	00:57:15	01:09:58	00:05:57	-----	273-	38-	59-	10395
R1 (117)	19/09/26	01:05:03	01:15:02	00:05:04	-----	283-	19-	173-	27873
D2 (30)	19/09/26	01:05:22	01:13:28	00:01:03	-----	269-	11-	190-	3423
D4 (32)	19/09/26	01:10:56	01:17:16	00:03:47	-----	261-	8-	202-	3470
A8 (12)	19/09/26	01:11:50	01:24:39	00:07:23	-----	297-	61-	135-	13991
A5 (09)	19/09/26	01:18:19	01:31:05	00:06:26	-----	296-	57-	137-	13988
S3 (112)	19/09/26	01:21:28	01:32:28	00:01:22	-----	287-	25-	53-	27839
D7 (35)	19/09/26	01:22:01	01:30:14	00:02:01	-----	269-	11-	190-	3457
B1 (13)	19/09/26	01:38:24	01:50:53	00:12:29	00:08:09	281-	33-	61-	10301
B7 (19)	19/09/26	01:38:38	01:51:02	00:00:08	-----	284-	32-	62-	10395
G2 (04)	19/09/26	01:44:36	01:54:25	00:03:23	-----	359-	18-	259-	12512
B8 (20)	19/09/26	01:49:20	02:01:39	00:07:14	-----	286-	31-	64-	10408
A7 (11)	19/09/26	01:49:55	02:02:02	00:00:22	-----	291-	35-	152-	13991
A6 (10)	19/09/26	01:55:32	02:07:35	00:05:32	-----	290-	34-	154-	13991
R2 (108)	19/09/26	01:56:18	02:01:13	00:06:02	-----	254-	7-	213-	28945
S4 (119)	19/09/26	01:57:42	02:08:27	00:07:14	-----	296-	22-	58-	27756
S1 (116)	19/09/26	01:57:49	02:08:34	00:00:06	-----	297-	22-	58-	27757
B3 (15)	19/09/26	01:59:07	02:11:27	00:02:53	-----	287-	31-	64-	10413
A2 (06)	19/09/26	02:01:06	02:12:57	00:01:29	-----	288-	30-	156-	13991
B2 (14)	19/09/26	02:12:10	02:24:27	00:11:30	-----	290-	31-	66-	10395
A1 (05)	19/09/26	02:19:03	02:30:12	00:05:44	-----	284-	24-	165-	13991
B4 (16)	19/09/26	02:25:51	02:38:08	00:07:55	-----	293-	30-	68-	10413
A4 (08)	19/09/26	02:27:32	02:37:56	00:00:01	-----	280-	19-	173-	13989
S2 (113)	19/09/26	02:31:06	02:41:51	00:03:54	-----	303-	23-	65-	27845
A3 (07)	19/09/26	02:37:02	02:47:11	00:05:19	-----	279-	18-	175-	13992
C7 (27)	19/09/26	02:38:42	02:45:25	00:01:04	-----	161-	9-	100-	9747
B6 (18)	19/09/26	02:44:02	02:56:24	00:10:59	-----	297-	31-	75-	10396
T4 (114)	19/09/26	02:52:35	02:59:19	00:02:55	-----	162-	9-	97-	27724
A8 (12)	19/09/26	02:58:35	03:06:42	00:07:22	-----	268-	12-	191-	13992
A5 (09)	19/09/26	03:05:16	03:12:51	00:06:09	-----	267-	11-	193-	13989
S3 (112)	19/09/26	03:06:27	03:17:28	00:04:36	-----	308-	25-	75-	27840
C3 (23)	19/09/26	03:14:17	03:24:38	00:07:10	-----	185-	18-	80-	9719
T1 (118)	19/09/26	03:24:55	03:34:55	00:10:00	00:00:16	186-	19-	76-	27638
B1 (13)	19/09/26	03:25:00	03:37:33	00:02:37	-----	300-	34-	82-	10302
B7 (19)	19/09/26	03:25:08	03:37:45	00:00:12	-----	301-	36-	85-	10396
C1 (21)	19/09/26	03:31:03	03:42:35	00:04:49	-----	195-	25-	73-	9703
B8 (20)	19/09/26	03:35:45	03:48:26	00:05:50	-----	302-	38-	88-	10409
S4 (119)	19/09/26	03:42:17	03:53:44	00:05:18	-----	310-	30-	86-	27757
S1 (116)	19/09/26	03:42:22	03:53:51	00:00:07	-----	310-	31-	87-	27758

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
B3 (15)	19/09/26	03:45:31	03:58:15	00:04:23	-----	302-	39-	89-	10414
T2 (110)	19/09/26	03:58:16	04:09:45	00:11:29	00:00:01	204-	34-	66-	27722
B2 (14)	19/09/26	03:58:27	04:11:17	00:01:31	-----	303-	42-	93-	10396
B4 (16)	19/09/26	04:11:58	04:24:58	00:13:00	00:00:40	303-	48-	98-	10414
S2 (113)	19/09/26	04:15:16	04:27:12	00:02:14	-----	309-	40-	99-	27846
C7 (27)	19/09/26	04:20:21	04:33:16	00:06:03	-----	219-	51-	65-	9748
B6 (18)	19/09/26	04:29:58	04:43:10	00:09:53	-----	303-	60-	107-	10397
T4 (114)	19/09/26	04:32:51	04:45:03	00:01:53	-----	221-	59-	60-	27725
S3 (112)	19/09/26	04:50:19	05:02:36	00:12:16	00:05:16	307-	60-	112-	27841
C3 (23)	19/09/26	04:57:53	05:11:09	00:08:33	-----	234-	82-	60-	9720
T1 (118)	19/09/26	05:07:02	05:19:25	00:08:15	-----	238-	82-	55-	27639
B1 (13)	19/09/26	05:10:47	05:24:06	00:04:40	-----	301-	80-	118-	10303
B7 (19)	19/09/26	05:10:51	05:24:09	00:00:03	-----	300-	90-	122-	10397
C1 (21)	19/09/26	05:15:25	05:28:41	00:04:31	-----	243-	78-	59-	9704
B8 (20)	19/09/26	05:21:27	05:34:42	00:06:00	-----	299-	81-	126-	10410
S4 (119)	19/09/26	05:26:01	05:38:24	00:03:42	-----	304-	88-	127-	27758
S1 (116)	19/09/26	05:26:06	05:38:29	00:00:04	-----	303-	84-	128-	27759
B3 (15)	19/09/26	05:31:12	05:44:28	00:06:00	-----	299-	79-	127-	10415
T2 (110)	19/09/26	05:41:32	05:53:44	00:09:15	-----	252-	53-	52-	27723
B2 (14)	19/09/26	05:44:07	05:57:17	00:03:33	-----	298-	66-	132-	10397
B4 (16)	19/09/26	05:57:39	06:10:38	00:12:58	00:00:21	295-	53-	140-	10415
S2 (113)	19/09/26	05:59:04	06:11:09	00:00:30	-----	298-	51-	142-	27847
C7 (27)	19/09/26	06:06:00	06:18:58	00:07:49	-----	261-	49-	57-	9749
B6 (18)	19/09/26	06:15:48	06:28:16	00:09:17	-----	291-	37-	150-	10398
T4 (114)	19/09/26	06:17:00	06:28:48	00:00:32	-----	265-	37-	51-	27726
S3 (112)	19/09/26	06:34:25	06:45:37	00:11:11	00:05:36	290-	29-	160-	27842
C3 (23)	19/09/26	06:44:11	06:56:51	00:11:14	-----	273-	38-	59-	9721
T1 (118)	19/09/26	06:51:52	07:03:11	00:06:19	-----	279-	28-	52-	27640
B1 (13)	19/09/26	06:56:56	07:08:26	00:05:15	-----	285-	25-	164-	10304
B7 (19)	19/09/26	06:57:11	07:08:03	00:00:02	-----	281-	21-	170-	10398
C1 (21)	19/09/26	07:02:00	07:14:27	00:06:24	-----	279-	34-	60-	9705
B8 (20)	19/09/26	07:07:59	07:18:14	00:03:46	-----	278-	18-	176-	10411
S4 (119)	19/09/26	07:10:45	07:20:07	00:01:52	-----	279-	16-	179-	27759
S1 (116)	19/09/26	07:10:55	07:20:03	00:00:04	-----	278-	15-	181-	27760
B3 (15)	19/09/26	07:17:47	07:27:56	00:07:53	-----	277-	17-	177-	10416
T2 (110)	19/09/26	07:26:46	07:37:41	00:09:44	-----	289-	24-	54-	27724
B2 (14)	19/09/26	07:31:06	07:40:07	00:02:26	-----	272-	13-	186-	10398
B4 (16)	19/09/26	07:45:19	07:52:32	00:07:13	00:05:11	265-	10-	197-	10416
S2 (113)	19/09/26	07:45:22	07:50:41	00:01:05	-----	257-	8-	210-	27848
C7 (27)	19/09/26	07:52:50	08:05:04	00:12:14	00:02:08	291-	30-	67-	9750
T4 (114)	19/09/26	08:02:22	08:13:04	00:07:59	-----	298-	22-	59-	27727
K6 (106)	19/09/26	08:08:06	08:19:32	00:06:28	-----	211-	42-	64-	27694
C3 (23)	19/09/26	08:30:58	08:43:18	00:12:19	00:11:25	297-	31-	75-	9722
T1 (118)	19/09/26	08:37:05	08:47:52	00:04:34	-----	305-	23-	67-	27641
C1 (21)	19/09/26	08:48:38	09:01:04	00:12:26	00:00:45	300-	33-	80-	9706
K9 (109)	19/09/26	08:50:21	08:57:55	00:03:08	-----	167-	11-	92-	26753
T2 (110)	19/09/26	09:11:39	09:22:45	00:11:06	00:13:43	308-	26-	77-	27725
K7 (107)	19/09/26	09:22:42	09:32:51	00:10:05	-----	185-	20-	75-	26753
T3 (105)	19/09/26	09:36:21	09:47:43	00:11:21	00:03:30	195-	27-	70-	26800
C7 (27)	19/09/26	09:39:04	09:51:55	00:04:12	-----	303-	43-	95-	9751

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
G2 (04)	19/09/26	09:42:06	09:53:38	00:01:42	-----	124-	31-	352-	12517
T4 (114)	19/09/26	09:46:51	09:58:23	00:04:44	-----	310-	32-	88-	27728
K6 (106)	19/09/26	09:51:04	10:02:39	00:04:16	-----	258-	43-	51-	27695
K3 (103)	19/09/26	09:57:27	10:09:00	00:06:21	-----	205-	36-	66-	26754
C3 (23)	19/09/26	10:16:55	10:30:04	00:13:09	00:07:54	303-	59-	107-	9723
T1 (118)	19/09/26	10:21:11	10:33:12	00:03:07	-----	309-	44-	102-	27642
K9 (109)	19/09/26	10:31:04	10:43:19	00:10:07	-----	225-	66-	59-	26754
C1 (21)	19/09/26	10:34:25	10:47:40	00:04:20	-----	302-	75-	116-	9707
K4 (104)	19/09/26	10:53:43	11:05:31	00:11:48	00:06:02	213-	44-	63-	26915
T2 (110)	19/09/26	10:55:29	11:07:49	00:02:17	-----	307-	66-	116-	27726
K7 (107)	19/09/26	11:04:55	11:17:17	00:09:28	-----	239-	79-	55-	26754
T3 (105)	19/09/26	11:19:58	11:32:44	00:12:46	00:02:41	245-	65-	54-	26801
G2 (04)	19/09/26	11:20:19	11:32:05	00:00:03	-----	182-	33-	320-	12518
C7 (27)	19/09/26	11:24:45	11:37:50	00:05:45	-----	297-	62-	134-	9752
T4 (114)	19/09/26	11:30:35	11:42:55	00:05:04	-----	303-	79-	130-	27729
K6 (106)	19/09/26	11:35:42	11:45:55	00:03:00	-----	294-	22-	54-	27696
K3 (103)	19/09/26	11:40:48	11:52:57	00:07:01	-----	253-	51-	52-	26755
C3 (23)	19/09/26	12:02:45	12:15:12	00:12:26	00:09:47	291-	37-	150-	9724
T1 (118)	19/09/26	12:05:01	12:16:57	00:01:45	-----	296-	45-	146-	27643
K9 (109)	19/09/26	12:15:22	12:27:04	00:10:06	-----	268-	35-	51-	26755
C1 (21)	19/09/26	12:20:28	12:32:10	00:05:05	-----	286-	27-	161-	9708
K4 (104)	19/09/26	12:37:32	12:49:28	00:11:55	00:05:22	259-	43-	51-	26916
T2 (110)	19/09/26	12:39:40	12:50:33	00:01:05	-----	288-	26-	163-	27727
K7 (107)	19/09/26	12:49:48	13:01:03	00:10:30	-----	279-	28-	52-	26755
T3 (105)	19/09/26	13:05:54	13:17:28	00:11:33	00:04:51	284-	27-	54-	26802
C7 (27)	19/09/26	13:11:54	13:20:26	00:02:57	-----	269-	12-	190-	9753
T4 (114)	19/09/26	13:15:32	13:24:18	00:03:52	-----	275-	14-	185-	27730
K6 (106)	19/09/26	13:19:43	13:30:22	00:06:04	-----	310-	26-	80-	27697
K3 (103)	19/09/26	13:26:03	13:36:55	00:06:32	-----	290-	24-	54-	26756
D3 (31)	19/09/26	13:41:32	13:47:17	00:05:44	00:04:37	154-	8-	99-	3394
K9 (109)	19/09/26	14:00:43	14:11:24	00:10:40	00:13:26	300-	22-	60-	26756
D4 (32)	19/09/26	14:01:55	14:09:20	00:02:03	-----	165-	10-	95-	3478
K4 (104)	19/09/26	14:22:57	14:33:39	00:10:42	00:13:36	294-	23-	56-	26917
K7 (107)	19/09/26	14:35:00	14:45:46	00:10:46	00:01:20	305-	23-	68-	26756
R2 (108)	19/09/26	14:35:09	14:41:08	00:04:03	-----	158-	8-	101-	28953
R3 (115)	19/09/26	14:44:00	14:52:48	00:08:47	00:02:52	177-	14-	83-	27886
D6 (34)	19/09/26	14:45:19	14:54:49	00:02:01	-----	179-	15-	84-	3488
T3 (105)	19/09/26	14:51:50	15:03:17	00:08:27	-----	306-	25-	74-	26803
K6 (106)	19/09/26	15:02:44	15:14:34	00:11:17	-----	306-	75-	120-	27698
K3 (103)	19/09/26	15:10:54	15:22:01	00:07:26	-----	308-	26-	78-	26757
D8 (36)	19/09/26	15:14:40	15:26:17	00:04:16	-----	196-	26-	75-	3484
D3 (31)	19/09/26	15:22:46	15:35:33	00:09:16	-----	217-	47-	66-	3395
R1 (117)	19/09/26	15:26:43	15:37:32	00:01:58	-----	193-	25-	71-	27882
D2 (30)	19/09/26	15:38:51	15:51:33	00:12:42	00:01:19	215-	45-	66-	3432
D4 (32)	19/09/26	15:44:00	15:56:58	00:05:24	-----	221-	54-	65-	3479
K9 (109)	19/09/26	15:45:07	15:56:44	00:00:01	-----	310-	33-	91-	26757
D7 (35)	19/09/26	15:55:31	16:08:14	00:11:29	-----	214-	44-	66-	3466
K4 (104)	19/09/26	16:07:42	16:19:00	00:10:46	-----	309-	28-	83-	26918
R2 (108)	19/09/26	16:15:02	16:27:10	00:08:09	-----	219-	55-	61-	28954
K7 (107)	19/09/26	16:19:03	16:31:05	00:03:55	-----	309-	45-	103-	26757

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
A7 (11)	19/09/26	16:23:21	16:32:16	00:01:10	-----	176-	13-	91-	14000
R3 (115)	19/09/26	16:25:12	16:37:25	00:05:09	-----	231-	81-	57-	27887
D6 (34)	19/09/26	16:28:26	16:41:37	00:04:12	-----	230-	72-	61-	3489
A6 (10)	19/09/26	16:28:47	16:37:56	00:03:04	-----	177-	14-	89-	14000
A2 (06)	19/09/26	16:33:55	16:43:39	00:05:42	-----	182-	16-	82-	14000
T3 (105)	19/09/26	16:36:38	16:49:20	00:05:41	-----	307-	57-	110-	26804
K6 (106)	19/09/26	16:46:25	16:56:09	00:06:49	-----	283-	20-	171-	27699
A1 (05)	19/09/26	16:50:58	17:01:46	00:05:36	-----	191-	21-	77-	14000
K3 (103)	19/09/26	16:54:43	17:07:02	00:05:16	-----	306-	68-	117-	26758
A4 (08)	19/09/26	16:58:45	17:10:11	00:03:09	-----	196-	26-	75-	13998
D8 (36)	19/09/26	16:59:06	17:12:22	00:02:10	-----	244-	76-	58-	3485
A3 (07)	19/09/26	17:08:04	17:19:41	00:07:18	-----	199-	28-	74-	14001
D3 (31)	19/09/26	17:08:17	17:21:17	00:01:36	-----	259-	51-	57-	3396
R1 (117)	19/09/26	17:09:24	17:21:44	00:00:26	-----	244-	66-	54-	27883
D2 (30)	19/09/26	17:24:17	17:37:18	00:13:00	00:02:33	258-	52-	57-	3433
A8 (12)	19/09/26	17:28:20	17:40:40	00:03:21	-----	211-	39-	67-	14001
K9 (109)	19/09/26	17:28:51	17:41:09	00:00:29	-----	302-	72-	133-	26758
D4 (32)	19/09/26	17:29:48	17:42:43	00:01:34	-----	262-	47-	56-	3480
A5 (09)	19/09/26	17:34:44	17:47:10	00:04:26	-----	213-	42-	67-	13998
D7 (35)	19/09/26	17:40:56	17:53:58	00:06:48	-----	257-	53-	57-	3467
K4 (104)	19/09/26	17:51:32	18:03:58	00:09:59	-----	305-	82-	123-	26919
R2 (108)	19/09/26	17:59:04	18:10:56	00:06:58	-----	264-	39-	51-	28955
K7 (107)	19/09/26	18:02:54	18:14:48	00:03:51	-----	296-	43-	148-	26758
A7 (11)	19/09/26	18:05:49	18:18:44	00:03:56	-----	228-	67-	62-	14001
R3 (115)	19/09/26	18:09:30	18:20:52	00:02:07	-----	273-	31-	51-	27888
A6 (10)	19/09/26	18:11:22	18:24:19	00:03:26	-----	229-	70-	62-	14001
D6 (34)	19/09/26	18:14:33	18:27:18	00:03:00	-----	269-	40-	58-	3490
A2 (06)	19/09/26	18:16:49	18:29:49	00:02:31	-----	232-	77-	61-	14001
T3 (105)	19/09/26	18:21:31	18:33:21	00:03:31	-----	292-	33-	156-	26805
A1 (05)	19/09/26	18:24:32	18:47:35	00:13:02	00:01:10	239-	87-	59-	14001
K3 (103)	19/09/26	18:38:57	18:49:39	00:02:04	-----	287-	24-	166-	26759
A4 (08)	19/09/26	18:42:45	18:55:47	00:06:07	-----	244-	75-	58-	13999
D8 (36)	19/09/26	18:45:41	18:58:10	00:02:22	-----	280-	34-	59-	3486
A3 (07)	19/09/26	18:52:12	19:05:13	00:07:03	-----	246-	71-	58-	14002
R1 (117)	19/09/26	18:54:27	19:05:32	00:00:19	-----	284-	26-	52-	27884
D3 (31)	19/09/26	18:55:07	19:07:21	00:01:48	-----	290-	30-	64-	3397
D2 (30)	19/09/26	19:11:06	19:23:21	00:12:14	00:03:44	289-	30-	64-	3434
A8 (12)	19/09/26	19:13:07	19:25:59	00:02:38	-----	255-	56-	57-	14002
K9 (109)	19/09/26	19:14:02	19:22:11	00:03:04	-----	272-	12-	190-	26759
D4 (32)	19/09/26	19:16:42	19:28:56	00:06:45	-----	292-	30-	66-	3481
A5 (09)	19/09/26	19:19:38	19:32:27	00:03:30	-----	256-	53-	56-	13999
D7 (35)	19/09/26	19:27:45	19:40:00	00:07:33	-----	289-	31-	64-	3468
K4 (104)	19/09/26	19:36:07	19:46:12	00:06:12	-----	282-	19-	174-	26920
R2 (108)	19/09/26	19:44:26	19:55:08	00:08:56	-----	297-	22-	58-	28956
A7 (11)	19/09/26	19:51:23	20:03:56	00:08:47	-----	268-	41-	56-	14002
R3 (115)	19/09/26	19:54:31	20:05:04	00:01:08	-----	302-	22-	63-	27889
A6 (10)	19/09/26	19:57:00	20:09:30	00:04:25	-----	269-	40-	56-	14002
D6 (34)	19/09/26	20:01:22	20:13:39	00:04:08	-----	296-	31-	72-	3491
A2 (06)	19/09/26	20:02:33	20:15:02	00:01:22	-----	271-	38-	58-	14002
A1 (05)	19/09/26	20:20:30	20:32:49	00:12:18	00:05:28	277-	35-	59-	14002

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
S2 (113)	19/09/26	20:24:35	20:30:16	00:02:03	-----	156-	8-	103-	27856
A4 (08)	19/09/26	20:28:52	20:41:04	00:10:48	-----	280-	33-	59-	14000
D8 (36)	19/09/26	20:32:19	20:44:48	00:03:44	-----	300-	34-	79-	3487
B4 (16)	19/09/26	20:36:34	20:43:01	00:01:04	-----	161-	9-	98-	10424
A3 (07)	19/09/26	20:38:22	20:50:32	00:07:31	-----	281-	32-	59-	14003
R1 (117)	19/09/26	20:39:31	20:50:24	00:00:07	-----	307-	24-	71-	27885
D3 (31)	19/09/26	20:41:23	20:54:12	00:03:47	-----	303-	42-	92-	3398
B6 (18)	19/09/26	20:52:56	21:02:22	00:08:09	-----	178-	14-	85-	10407
S3 (112)	19/09/26	20:57:22	21:06:53	00:04:31	-----	182-	17-	79-	27851
D2 (30)	19/09/26	20:57:24	21:10:11	00:03:18	-----	303-	41-	91-	3435
A8 (12)	19/09/26	20:59:26	21:11:28	00:01:16	-----	288-	30-	64-	14003
D4 (32)	19/09/26	21:02:56	21:15:51	00:04:23	-----	303-	45-	96-	3482
A5 (09)	19/09/26	21:05:58	21:17:57	00:02:06	-----	288-	30-	63-	14000
D7 (35)	19/09/26	21:14:04	21:26:50	00:08:52	-----	303-	41-	91-	3469
R2 (108)	19/09/26	21:28:58	21:40:26	00:11:27	00:02:08	310-	30-	87-	28957
S4 (119)	19/09/26	21:31:58	21:43:12	00:02:45	-----	199-	30-	68-	27768
S1 (116)	19/09/26	21:31:58	21:43:19	00:00:06	-----	201-	31-	68-	27769
B7 (19)	19/09/26	21:32:21	21:44:05	00:00:46	-----	197-	27-	72-	10407
B1 (13)	19/09/26	21:32:41	21:43:56	00:00:09	-----	193-	23-	75-	10313
A7 (11)	19/09/26	21:37:45	21:49:44	00:05:47	-----	295-	30-	69-	14003
R3 (115)	19/09/26	21:38:28	21:50:09	00:00:25	-----	310-	37-	96-	27890
B8 (20)	19/09/26	21:42:41	21:54:46	00:04:37	-----	202-	31-	70-	10420
A6 (10)	19/09/26	21:43:21	21:55:20	00:00:33	-----	295-	30-	69-	14003
D6 (34)	19/09/26	21:47:23	22:00:29	00:05:09	-----	303-	53-	104-	3492
A2 (06)	19/09/26	21:48:53	22:00:55	00:00:26	-----	297-	30-	73-	14003
B3 (15)	19/09/26	21:52:22	22:04:32	00:03:36	-----	203-	32-	70-	10425
S2 (113)	19/09/26	22:04:17	22:16:25	00:11:52	-----	218-	53-	61-	27857
B2 (14)	19/09/26	22:04:59	22:17:32	00:01:07	-----	210-	39-	67-	10407
A1 (05)	19/09/26	22:06:45	22:18:52	00:01:20	-----	299-	32-	77-	14003
A4 (08)	19/09/26	22:15:02	22:27:13	00:08:20	-----	300-	33-	79-	14001
B4 (16)	19/09/26	22:18:03	22:30:57	00:03:44	-----	219-	50-	66-	10425
D8 (36)	19/09/26	22:18:05	22:31:24	00:00:27	-----	302-	76-	116-	3488
R1 (117)	19/09/26	22:23:28	22:35:38	00:04:14	-----	308-	52-	108-	27886
A3 (07)	19/09/26	22:24:29	22:36:43	00:01:05	-----	301-	34-	80-	14004
D3 (31)	19/09/26	22:27:04	22:40:13	00:03:30	-----	298-	67-	133-	3399
B6 (18)	19/09/26	22:36:00	22:49:12	00:08:58	-----	229-	70-	62-	10408
S3 (112)	19/09/26	22:39:10	22:51:34	00:02:22	-----	234-	89-	56-	27852
D2 (30)	19/09/26	22:43:04	22:56:16	00:04:41	-----	298-	69-	131-	3436
A8 (12)	19/09/26	22:45:21	22:57:47	00:01:30	-----	303-	38-	89-	14004
D4 (32)	19/09/26	22:48:40	23:01:45	00:03:58	-----	296-	58-	137-	3483
A5 (09)	19/09/26	22:51:51	23:04:17	00:02:32	-----	303-	39-	89-	14001
D7 (35)	19/09/26	22:59:44	23:12:56	00:08:38	-----	298-	71-	131-	3470
R2 (108)	19/09/26	23:12:42	23:25:04	00:12:08	-----	303-	85-	128-	28958
S4 (119)	19/09/26	23:15:00	23:27:16	00:02:12	-----	249-	58-	53-	27769
S1 (116)	19/09/26	23:15:05	23:27:21	00:00:04	-----	250-	56-	53-	27770
B1 (13)	19/09/26	23:16:50	23:30:09	00:02:48	-----	240-	84-	59-	10314
B7 (19)	19/09/26	23:16:51	23:30:08	00:00:00	-----	245-	74-	59-	10408
R3 (115)	19/09/26	23:21:57	23:34:00	00:03:51	-----	299-	58-	139-	27891
A7 (11)	19/09/26	23:23:20	23:36:05	00:02:05	-----	303-	50-	100-	14004
B8 (20)	19/09/26	23:27:28	23:40:42	00:04:37	-----	249-	67-	58-	10421

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
A6 (10)	19/09/26	23:28:54	23:41:41	00:00:58	-----	303-	51-	101-	14004
D6 (34)	19/09/26	23:33:08	23:45:53	00:04:12	-----	293-	43-	145-	3493
A2 (06)	19/09/26	23:34:23	23:47:15	00:01:21	-----	303-	55-	105-	14004
G2 (04)	19/09/26	23:36:54	23:48:43	00:01:28	-----	38-	33-	176-	12525
B3 (15)	19/09/26	23:37:13	23:50:27	00:01:43	-----	249-	65-	58-	10426
S2 (113)	19/09/26	23:48:17	00:00:12	00:09:44	-----	263-	39-	51-	27858
B2 (14)	19/09/26	23:50:11	00:03:20	00:03:08	-----	254-	57-	58-	10408
A1 (05)	19/09/26	23:52:08	00:05:06	00:01:46	-----	302-	66-	111-	14004
A4 (08)	19/09/27	00:00:20	00:13:19	00:08:12	-----	302-	75-	116-	14002
B4 (16)	19/09/27	00:03:38	00:16:39	00:03:20	-----	260-	49-	57-	10426
D8 (36)	19/09/27	00:04:11	00:15:51	00:00:04	-----	286-	26-	163-	3489
R1 (117)	19/09/27	00:07:25	00:18:58	00:03:07	-----	293-	35-	154-	27887
A3 (07)	19/09/27	00:09:46	00:22:47	00:03:49	-----	301-	80-	118-	14005
D3 (31)	19/09/27	00:14:02	00:23:07	00:00:19	-----	273-	13-	185-	3400
B6 (18)	19/09/27	00:22:04	00:34:53	00:11:46	-----	269-	41-	58-	10409
S3 (112)	19/09/27	00:23:52	00:35:19	00:00:25	-----	276-	30-	51-	27853
D2 (30)	19/09/27	00:29:56	00:39:18	00:03:59	-----	274-	14-	183-	3437
A8 (12)	19/09/27	00:30:33	00:43:32	00:04:13	-----	299-	78-	127-	14005
D4 (32)	19/09/27	00:36:06	00:44:06	00:00:34	-----	268-	11-	193-	3484
A5 (09)	19/09/27	00:37:02	00:49:58	00:05:52	-----	299-	74-	129-	14002
D7 (35)	19/09/27	00:46:34	00:56:01	00:06:02	-----	275-	15-	182-	3471
R2 (108)	19/09/27	00:57:30	01:06:41	00:09:10	00:01:29	278-	16-	182-	28959
S4 (119)	19/09/27	01:00:09	01:11:09	00:04:28	-----	287-	25-	53-	27770
S1 (116)	19/09/27	01:00:16	01:11:15	00:00:05	-----	288-	24-	54-	27771
B1 (13)	19/09/27	01:03:20	01:15:55	00:04:39	-----	277-	35-	60-	10315
B7 (19)	19/09/27	01:03:27	01:15:56	00:00:01	-----	281-	33-	61-	10409
R3 (115)	19/09/27	01:07:29	01:13:54	00:02:02	-----	263-	9-	202-	27892
A7 (11)	19/09/27	01:08:35	01:21:08	00:07:14	-----	294-	46-	144-	14005
B8 (20)	19/09/27	01:14:10	01:26:33	00:05:25	-----	283-	32-	62-	10422
A6 (10)	19/09/27	01:14:10	01:26:40	00:00:06	-----	294-	45-	145-	14005
G2 (04)	19/09/27	01:15:19	01:27:00	00:00:19	-----	10-	32-	237-	12526
A2 (06)	19/09/27	01:19:41	01:32:05	00:05:06	-----	292-	40-	148-	14005
D6 (34)	19/09/27	01:21:48	01:26:35	00:05:03	-----	251-	7-	213-	3494
B3 (15)	19/09/27	01:23:55	01:36:19	00:09:43	-----	284-	32-	62-	10427
S2 (113)	19/09/27	01:33:38	01:44:23	00:08:04	-----	296-	22-	58-	27859
B2 (14)	19/09/27	01:36:58	01:49:18	00:04:54	-----	287-	31-	64-	10409
A1 (05)	19/09/27	01:37:35	01:49:29	00:00:10	-----	289-	31-	155-	14005
A4 (08)	19/09/27	01:45:56	01:57:18	00:07:49	-----	286-	26-	163-	14003
B4 (16)	19/09/27	01:50:27	02:02:44	00:05:25	-----	290-	31-	65-	10427
A3 (07)	19/09/27	01:55:27	02:06:38	00:03:53	-----	285-	24-	165-	14006
B6 (18)	19/09/27	02:08:53	02:21:12	00:12:19	00:02:15	295-	31-	72-	10410
S3 (112)	19/09/27	02:09:09	02:19:54	00:01:01	-----	303-	23-	65-	27854
A8 (12)	19/09/27	02:16:43	02:26:29	00:06:34	-----	276-	16-	178-	14006
A5 (09)	19/09/27	02:23:18	02:32:45	00:06:15	-----	276-	15-	181-	14003
T1 (118)	19/09/27	02:29:47	02:36:41	00:03:56	-----	163-	10-	96-	27652
C3 (23)	19/09/27	02:40:00	02:49:25	00:09:25	00:03:19	178-	14-	85-	9733
S4 (119)	19/09/27	02:45:08	02:56:09	00:06:43	-----	308-	25-	74-	27771
S1 (116)	19/09/27	02:45:13	02:56:16	00:00:07	-----	308-	25-	75-	27772
B1 (13)	19/09/27	02:50:02	03:02:29	00:06:12	-----	299-	33-	79-	10316
B7 (19)	19/09/27	02:50:04	03:02:35	00:00:06	-----	300-	34-	82-	10410

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
A7 (11)	19/09/27	02:56:23	03:01:53	00:00:04	-----	258-	8-	206-	14006
C1 (21)	19/09/27	02:56:27	03:07:22	00:05:28	-----	191-	21-	77-	9717
B8 (20)	19/09/27	03:00:42	03:13:16	00:05:53	-----	301-	36-	84-	10423
A6 (10)	19/09/27	03:02:11	03:07:10	00:06:05	-----	256-	7-	208-	14006
T2 (110)	19/09/27	03:02:14	03:12:13	00:05:02	-----	186-	19-	76-	27736
B3 (15)	19/09/27	03:10:25	03:23:02	00:10:49	-----	301-	36-	85-	10428
S2 (113)	19/09/27	03:18:12	03:29:40	00:06:37	-----	310-	30-	86-	27860
B2 (14)	19/09/27	03:23:21	03:36:05	00:06:25	-----	302-	39-	89-	10410
T4 (114)	19/09/27	03:36:21	03:47:49	00:11:27	00:00:15	203-	33-	67-	27739
B4 (16)	19/09/27	03:36:40	03:49:33	00:01:44	-----	303-	43-	93-	10428
C7 (27)	19/09/27	03:45:35	03:58:13	00:08:40	-----	213-	42-	66-	9762
S3 (112)	19/09/27	03:53:19	04:05:15	00:07:01	-----	309-	40-	99-	27855
B6 (18)	19/09/27	03:54:55	04:08:01	00:02:45	-----	303-	53-	103-	10411
T1 (118)	19/09/27	04:10:08	04:22:21	00:12:12	00:02:06	222-	60-	60-	27653
C3 (23)	19/09/27	04:23:04	04:36:16	00:13:12	00:00:43	229-	70-	62-	9734
S4 (119)	19/09/27	04:29:01	04:41:18	00:05:01	-----	307-	59-	112-	27772
S1 (116)	19/09/27	04:29:05	04:41:23	00:00:05	-----	307-	61-	113-	27773
B7 (19)	19/09/27	04:35:50	04:49:08	00:07:44	-----	301-	79-	117-	10411
B1 (13)	19/09/27	04:35:52	04:49:09	00:00:00	-----	302-	70-	113-	10317
C1 (21)	19/09/27	04:40:24	04:53:41	00:04:31	-----	238-	89-	60-	9718
T2 (110)	19/09/27	04:44:20	04:56:43	00:03:02	-----	237-	82-	55-	27737
B8 (20)	19/09/27	04:46:25	04:59:42	00:02:59	-----	301-	87-	121-	10424
B3 (15)	19/09/27	04:56:09	05:09:27	00:09:44	-----	300-	89-	122-	10429
S2 (113)	19/09/27	05:01:57	05:14:20	00:04:52	-----	304-	87-	127-	27861
B2 (14)	19/09/27	05:09:03	05:22:18	00:07:57	-----	299-	78-	127-	10411
T4 (114)	19/09/27	05:19:35	05:31:48	00:09:29	-----	252-	53-	52-	27740
B4 (16)	19/09/27	05:22:20	05:35:29	00:03:40	-----	297-	63-	134-	10429
C7 (27)	19/09/27	05:30:55	05:44:00	00:08:31	-----	256-	54-	57-	9763
S3 (112)	19/09/27	05:37:07	05:49:12	00:05:12	-----	298-	51-	142-	27856
B6 (18)	19/09/27	05:40:40	05:53:26	00:04:14	-----	293-	44-	144-	10412
T1 (118)	19/09/27	05:54:19	06:06:06	00:11:47	00:00:52	266-	37-	51-	27654
C3 (23)	19/09/27	06:09:10	06:21:57	00:12:47	00:03:03	269-	41-	58-	9735
S4 (119)	19/09/27	06:13:06	06:24:20	00:02:22	-----	290-	29-	159-	27773
S1 (116)	19/09/27	06:13:12	06:24:19	00:00:00	-----	290-	28-	161-	27774
B1 (13)	19/09/27	06:21:51	06:33:51	00:09:31	-----	288-	30-	157-	10318
B7 (19)	19/09/27	06:21:58	06:33:28	00:00:02	-----	285-	25-	163-	10412
C1 (21)	19/09/27	06:26:49	06:39:24	00:05:55	-----	276-	36-	59-	9719
T2 (110)	19/09/27	06:29:10	06:40:29	00:01:04	-----	278-	28-	52-	27738
B8 (20)	19/09/27	06:32:42	06:43:44	00:03:15	-----	282-	21-	168-	10425
B3 (15)	19/09/27	06:42:27	06:53:23	00:09:38	-----	282-	21-	170-	10430
S2 (113)	19/09/27	06:46:41	06:56:01	00:02:38	-----	279-	16-	180-	27862
B2 (14)	19/09/27	06:55:39	07:05:42	00:09:41	-----	277-	17-	178-	10412
K6 (106)	19/09/27	07:02:41	07:12:32	00:06:49	-----	186-	20-	75-	27708
T4 (114)	19/09/27	07:04:49	07:15:43	00:03:11	-----	289-	24-	54-	27741
B4 (16)	19/09/27	07:09:25	07:18:08	00:02:24	-----	271-	13-	187-	10430
C7 (27)	19/09/27	07:17:43	07:30:00	00:11:52	-----	288-	31-	65-	9764
S3 (112)	19/09/27	07:23:27	07:28:43	00:01:01	-----	257-	7-	210-	27857
B6 (18)	19/09/27	07:29:11	07:34:18	00:05:06	00:00:27	253-	7-	211-	10413
T1 (118)	19/09/27	07:39:40	07:50:23	00:10:42	00:05:22	298-	22-	59-	27655
C3 (23)	19/09/27	07:56:00	08:08:17	00:12:16	00:05:37	295-	31-	72-	9736

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
C1 (21)	19/09/27	08:13:33	08:25:55	00:12:21	00:05:16	299-	32-	77-	9720
T2 (110)	19/09/27	08:14:23	08:25:10	00:00:04	-----	305-	23-	67-	27739
K7 (107)	19/09/27	08:27:28	08:34:42	00:07:13	00:02:18	165-	10-	94-	26767
K6 (106)	19/09/27	08:44:16	08:56:13	00:11:57	00:09:33	239-	77-	55-	27709
T4 (114)	19/09/27	08:49:43	09:00:47	00:04:34	-----	308-	26-	77-	27742
T3 (105)	19/09/27	08:51:34	09:01:43	00:00:56	-----	184-	18-	77-	26814
K3 (103)	19/09/27	09:01:21	09:11:29	00:09:45	-----	185-	20-	75-	26768
C7 (27)	19/09/27	09:04:04	09:16:48	00:05:19	-----	302-	40-	91-	9765
G2 (04)	19/09/27	09:14:42	09:24:22	00:07:33	-----	103-	17-	3-	12531
T1 (118)	19/09/27	09:24:08	09:35:42	00:11:20	-----	310-	32-	89-	27656
K9 (109)	19/09/27	09:34:29	09:46:08	00:10:25	-----	207-	37-	65-	26768
C3 (23)	19/09/27	09:42:02	09:55:07	00:08:59	-----	303-	53-	103-	9737
T2 (110)	19/09/27	09:58:28	10:10:30	00:12:01	00:03:21	309-	43-	102-	27740
K4 (104)	19/09/27	09:58:47	10:09:34	00:00:05	-----	194-	26-	71-	26929
C1 (21)	19/09/27	09:59:25	10:12:37	00:03:02	-----	302-	66-	111-	9721
K7 (107)	19/09/27	10:08:00	10:20:14	00:07:36	-----	223-	63-	60-	26768
K6 (106)	19/09/27	10:28:28	10:39:12	00:10:44	00:08:14	281-	26-	50-	27710
T4 (114)	19/09/27	10:33:33	10:45:51	00:06:38	-----	307-	65-	115-	27743
T3 (105)	19/09/27	10:34:21	10:47:11	00:01:19	-----	235-	87-	56-	26815
K3 (103)	19/09/27	10:43:34	10:55:56	00:08:44	-----	239-	79-	55-	26769
C7 (27)	19/09/27	10:49:45	11:02:57	00:07:01	-----	299-	73-	129-	9766
G2 (04)	19/09/27	10:51:08	11:03:45	00:00:47	-----	162-	69-	332-	12532
T1 (118)	19/09/27	11:07:52	11:20:14	00:12:21	00:04:07	302-	78-	130-	27657
K9 (109)	19/09/27	11:17:56	11:30:03	00:09:49	-----	254-	49-	52-	26769
C3 (23)	19/09/27	11:27:48	11:40:32	00:10:29	-----	293-	44-	145-	9738
K4 (104)	19/09/27	11:41:38	11:53:51	00:12:13	00:01:05	245-	65-	53-	26930
T2 (110)	19/09/27	11:42:18	11:54:15	00:00:24	-----	296-	45-	146-	27741
C1 (21)	19/09/27	11:45:19	11:57:29	00:03:14	-----	289-	32-	155-	9722
K7 (107)	19/09/27	11:52:14	12:03:59	00:06:29	-----	267-	36-	51-	26769
K6 (106)	19/09/27	12:12:58	12:23:10	00:10:11	00:09:00	306-	21-	66-	27711
T4 (114)	19/09/27	12:17:44	12:28:38	00:05:27	-----	288-	26-	163-	27744
T3 (105)	19/09/27	12:19:57	12:31:49	00:03:11	-----	276-	30-	52-	26816
K3 (103)	19/09/27	12:28:26	12:39:41	00:07:52	-----	279-	28-	52-	26770
G2 (04)	19/09/27	12:34:29	12:38:28	00:01:01	-----	245-	6-	280-	12533
C7 (27)	19/09/27	12:36:30	12:46:09	00:07:41	-----	275-	15-	181-	9767
T1 (118)	19/09/27	12:52:51	13:01:31	00:08:40	00:06:41	275-	14-	185-	27658
K9 (109)	19/09/27	13:03:12	13:14:02	00:10:50	00:01:40	291-	23-	55-	26770
C3 (23)	19/09/27	13:16:21	13:21:23	00:05:02	00:02:18	252-	7-	212-	9739
K4 (104)	19/09/27	13:26:47	13:37:47	00:11:00	00:05:24	285-	25-	52-	26931
D4 (32)	19/09/27	13:28:52	13:34:22	00:03:02	-----	152-	7-	104-	3492
T2 (110)	19/09/27	13:29:22	13:32:54	00:01:02	-----	247-	6-	222-	27742
K7 (107)	19/09/27	13:37:36	13:48:17	00:10:40	00:04:41	299-	22-	60-	26770
K6 (106)	19/09/27	13:56:17	14:07:46	00:11:28	00:08:00	310-	42-	102-	27712
T3 (105)	19/09/27	14:06:04	14:17:21	00:09:34	-----	303-	24-	67-	26817
D6 (34)	19/09/27	14:11:08	14:19:25	00:02:04	-----	170-	12-	91-	3502
K3 (103)	19/09/27	14:13:38	14:24:24	00:04:58	-----	305-	23-	68-	26771
R1 (117)	19/09/27	14:31:00	14:39:34	00:08:34	00:06:35	174-	14-	85-	27896
D8 (36)	19/09/27	14:40:09	14:51:11	00:11:01	00:00:34	192-	22-	78-	3498
K9 (109)	19/09/27	14:48:01	14:59:10	00:07:59	-----	309-	26-	79-	26771
D3 (31)	19/09/27	14:48:02	15:00:33	00:01:23	-----	210-	39-	68-	3409

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
D2 (30)	19/09/27	15:04:07	15:16:32	00:12:24	00:03:34	209-	37-	68-	3446
D4 (32)	19/09/27	15:10:00	15:22:46	00:06:14	-----	216-	46-	67-	3493
K4 (104)	19/09/27	15:11:56	15:22:48	00:00:02	-----	307-	24-	72-	26932
R2 (108)	19/09/27	15:18:35	15:29:52	00:07:04	-----	201-	31-	68-	28968
D7 (35)	19/09/27	15:20:46	15:33:10	00:03:17	-----	208-	37-	69-	3480
K7 (107)	19/09/27	15:22:02	15:33:37	00:00:26	-----	310-	32-	90-	26771
R3 (115)	19/09/27	15:24:43	15:36:29	00:02:51	-----	212-	44-	63-	27901
K6 (106)	19/09/27	15:39:24	15:50:46	00:11:21	00:02:55	296-	42-	147-	27713
A7 (11)	19/09/27	15:43:25	15:50:11	00:00:03	-----	163-	9-	97-	14014
A6 (10)	19/09/27	15:48:45	15:55:53	00:05:42	-----	165-	10-	95-	14014
T3 (105)	19/09/27	15:51:05	16:03:33	00:07:39	-----	309-	44-	101-	26818
D6 (34)	19/09/27	15:53:38	16:06:42	00:03:08	-----	225-	61-	63-	3503
A2 (06)	19/09/27	15:53:41	16:01:44	00:04:05	-----	170-	11-	93-	14014
K3 (103)	19/09/27	15:57:41	16:09:43	00:07:59	-----	309-	45-	103-	26772
A1 (05)	19/09/27	16:10:30	16:20:07	00:09:36	00:00:47	181-	16-	83-	14014
R1 (117)	19/09/27	16:12:16	16:24:36	00:04:29	-----	229-	77-	58-	27897
A4 (08)	19/09/27	16:18:06	16:28:36	00:04:00	-----	188-	19-	81-	14012
D8 (36)	19/09/27	16:24:11	16:37:27	00:08:51	-----	239-	87-	59-	3499
A3 (07)	19/09/27	16:27:24	16:38:09	00:00:41	-----	191-	21-	79-	14015
K9 (109)	19/09/27	16:31:49	16:44:09	00:06:00	-----	306-	71-	118-	26772
D3 (31)	19/09/27	16:33:15	16:46:21	00:02:11	-----	254-	57-	57-	3410
A8 (12)	19/09/27	16:47:29	16:59:16	00:11:46	00:01:08	201-	30-	71-	14015
D2 (30)	19/09/27	16:49:15	17:02:21	00:03:05	-----	253-	58-	57-	3447
A5 (09)	19/09/27	16:53:51	17:05:46	00:03:25	-----	204-	32-	71-	14012
D4 (32)	19/09/27	16:55:32	17:08:34	00:02:47	-----	258-	51-	56-	3494
K4 (104)	19/09/27	16:55:56	17:08:09	00:00:02	-----	308-	53-	109-	26933
R2 (108)	19/09/27	17:01:40	17:13:55	00:05:45	-----	250-	56-	53-	28969
K7 (107)	19/09/27	17:05:46	17:18:05	00:04:10	-----	302-	75-	132-	26772
D7 (35)	19/09/27	17:05:52	17:19:00	00:00:54	-----	253-	59-	57-	3481
R3 (115)	19/09/27	17:08:10	17:20:03	00:01:02	-----	259-	43-	51-	27902
A7 (11)	19/09/27	17:24:46	17:37:28	00:12:42	00:04:43	220-	52-	65-	14015
A6 (10)	19/09/27	17:30:17	17:43:01	00:05:33	-----	221-	54-	65-	14015
A2 (06)	19/09/27	17:35:41	17:48:32	00:05:30	-----	224-	60-	63-	14015
T3 (105)	19/09/27	17:35:46	17:48:12	00:00:01	-----	297-	47-	145-	26819
D6 (34)	19/09/27	17:39:31	17:52:23	00:04:10	-----	265-	44-	57-	3504
K3 (103)	19/09/27	17:41:32	17:53:26	00:01:02	-----	296-	43-	148-	26773
A1 (05)	19/09/27	17:53:21	18:06:20	00:12:54	-----	232-	75-	61-	14015
R1 (117)	19/09/27	17:56:46	18:08:19	00:01:58	-----	272-	32-	51-	27898
A4 (08)	19/09/27	18:01:27	18:14:31	00:06:11	-----	237-	88-	60-	14013
D8 (36)	19/09/27	18:10:37	18:23:12	00:08:41	-----	276-	35-	58-	3500
A3 (07)	19/09/27	18:10:57	18:23:59	00:00:47	-----	239-	88-	59-	14016
K9 (109)	19/09/27	18:16:06	18:26:40	00:02:41	-----	286-	23-	167-	26773
D3 (31)	19/09/27	18:20:02	18:32:19	00:05:38	-----	287-	31-	62-	3411
A8 (12)	19/09/27	18:31:46	18:44:45	00:12:26	-----	248-	68-	58-	14016
D2 (30)	19/09/27	18:36:01	18:48:18	00:03:32	-----	286-	31-	62-	3448
A5 (09)	19/09/27	18:38:16	18:51:12	00:02:54	-----	250-	65-	57-	14013
K4 (104)	19/09/27	18:40:00	18:51:32	00:00:19	-----	292-	34-	155-	26934
D4 (32)	19/09/27	18:42:25	18:54:40	00:03:08	-----	289-	31-	64-	3495
R2 (108)	19/09/27	18:46:51	18:57:49	00:03:08	-----	288-	24-	54-	28970
K7 (107)	19/09/27	18:50:50	18:59:16	00:01:27	-----	274-	13-	188-	26773

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
D7 (35)	19/09/27	18:52:38	19:04:55	00:05:39	-----	286-	31-	62-	3482
R3 (115)	19/09/27	18:53:12	19:03:50	00:01:05	-----	294-	23-	56-	27903
A7 (11)	19/09/27	19:09:59	19:22:42	00:12:43	00:06:08	261-	47-	56-	14016
A6 (10)	19/09/27	19:15:33	19:28:14	00:05:32	-----	262-	46-	56-	14016
A2 (06)	19/09/27	19:21:05	19:33:44	00:05:29	-----	265-	44-	57-	14016
T3 (105)	19/09/27	19:23:21	19:28:04	00:05:04	-----	254-	7-	215-	26820
D6 (34)	19/09/27	19:26:22	19:38:37	00:10:32	-----	294-	30-	69-	3505
A1 (05)	19/09/27	19:39:03	19:51:33	00:12:29	00:00:26	271-	39-	58-	14016
R1 (117)	19/09/27	19:42:05	19:52:46	00:01:13	-----	301-	22-	63-	27899
A4 (08)	19/09/27	19:47:22	19:59:44	00:06:57	-----	274-	36-	57-	14014
A3 (07)	19/09/27	19:56:54	20:09:13	00:09:29	-----	276-	35-	58-	14017
D8 (36)	19/09/27	19:57:20	20:09:45	00:00:31	-----	299-	32-	76-	3501
S3 (112)	19/09/27	20:02:38	20:08:20	00:01:02	-----	156-	8-	103-	27865
D3 (31)	19/09/27	20:06:26	20:19:07	00:10:46	-----	302-	39-	88-	3412
A8 (12)	19/09/27	20:17:59	20:30:06	00:10:58	-----	283-	32-	61-	14017
B6 (18)	19/09/27	20:18:39	20:26:49	00:03:01	-----	169-	11-	92-	10421
D2 (30)	19/09/27	20:22:26	20:35:05	00:08:16	-----	302-	38-	87-	3449
A5 (09)	19/09/27	20:24:30	20:36:35	00:01:29	-----	284-	31-	60-	14014
D4 (32)	19/09/27	20:28:46	20:41:34	00:05:00	-----	303-	41-	92-	3496
R2 (108)	19/09/27	20:31:48	20:42:49	00:01:15	-----	308-	25-	75-	28971
S1 (116)	19/09/27	20:36:03	20:45:42	00:02:52	-----	183-	17-	78-	27783
S4 (119)	19/09/27	20:36:06	20:45:33	00:00:08	-----	181-	17-	80-	27782
R3 (115)	19/09/27	20:37:37	20:48:45	00:03:12	-----	309-	28-	82-	27904
D7 (35)	19/09/27	20:39:03	20:51:42	00:02:56	-----	302-	37-	86-	3483
A7 (11)	19/09/27	20:56:21	21:08:19	00:11:58	00:04:39	292-	30-	65-	14017
B7 (19)	19/09/27	20:57:42	21:08:53	00:00:33	-----	193-	22-	76-	10421
B1 (13)	19/09/27	20:58:14	21:08:46	00:00:06	-----	187-	19-	79-	10327
A6 (10)	19/09/27	21:01:55	21:13:53	00:05:07	-----	292-	30-	66-	14017
A2 (06)	19/09/27	21:07:28	21:19:28	00:05:34	-----	294-	30-	69-	14017
S2 (113)	19/09/27	21:07:52	21:19:07	00:00:02	-----	199-	30-	68-	27871
B8 (20)	19/09/27	21:08:00	21:19:37	00:00:29	-----	198-	26-	73-	10434
D6 (34)	19/09/27	21:12:29	21:25:28	00:05:51	-----	303-	48-	99-	3506
B3 (15)	19/09/27	21:17:39	21:29:20	00:03:51	-----	197-	27-	73-	10439
A1 (05)	19/09/27	21:25:23	21:37:25	00:08:05	-----	297-	30-	72-	14017
R1 (117)	19/09/27	21:26:21	21:38:07	00:00:41	-----	310-	36-	94-	27900
B2 (14)	19/09/27	21:30:11	21:42:22	00:04:15	-----	204-	33-	70-	10421
A4 (08)	19/09/27	21:33:39	21:45:43	00:03:20	-----	298-	31-	74-	14015
S3 (112)	19/09/27	21:42:21	21:54:29	00:08:45	-----	218-	53-	61-	27866
B4 (16)	19/09/27	21:42:59	21:55:36	00:01:07	-----	212-	41-	67-	10439
A3 (07)	19/09/27	21:43:09	21:55:15	00:00:02	-----	299-	31-	75-	14018
D8 (36)	19/09/27	21:43:11	21:56:27	00:01:11	-----	302-	67-	111-	3502
D3 (31)	19/09/27	21:52:06	22:05:21	00:08:53	-----	299-	78-	127-	3413
B6 (18)	19/09/27	22:01:02	22:14:07	00:08:46	-----	224-	59-	63-	10422
A8 (12)	19/09/27	22:04:03	22:16:19	00:02:11	-----	301-	34-	83-	14018
D2 (30)	19/09/27	22:08:07	22:21:23	00:05:03	-----	299-	81-	126-	3450
A5 (09)	19/09/27	22:10:32	22:22:49	00:01:26	-----	302-	35-	83-	14015
D4 (32)	19/09/27	22:14:30	22:27:41	00:04:51	-----	298-	68-	132-	3497
R2 (108)	19/09/27	22:15:40	22:27:57	00:00:15	-----	307-	61-	113-	28972
S4 (119)	19/09/27	22:17:52	22:30:16	00:02:18	-----	234-	88-	56-	27783
S1 (116)	19/09/27	22:17:56	22:30:20	00:00:04	-----	235-	88-	56-	27784

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
R3 (115)	19/09/27	22:21:05	22:33:19	00:02:59	-----	305-	80-	122-	27905
D7 (35)	19/09/27	22:24:45	22:38:00	00:04:40	-----	300-	83-	126-	3484
B7 (19)	19/09/27	22:41:49	22:55:07	00:13:18	00:03:48	240-	85-	59-	10422
B1 (13)	19/09/27	22:41:56	22:55:14	00:00:06	-----	235-	84-	60-	10328
A7 (11)	19/09/27	22:42:06	22:54:41	00:00:03	-----	303-	43-	94-	14018
A6 (10)	19/09/27	22:47:38	23:00:16	00:05:34	-----	303-	44-	95-	14018
S2 (113)	19/09/27	22:50:54	23:03:11	00:02:55	-----	249-	58-	53-	27872
B8 (20)	19/09/27	22:52:25	23:05:42	00:02:30	-----	244-	77-	59-	10435
A2 (06)	19/09/27	22:53:07	23:05:50	00:00:08	-----	303-	47-	98-	14018
D6 (34)	19/09/27	22:58:11	23:11:09	00:05:19	-----	295-	52-	140-	3507
B3 (15)	19/09/27	23:02:07	23:15:24	00:04:14	-----	245-	75-	59-	10440
G2 (04)	19/09/27	23:09:08	23:18:44	00:03:20	-----	52-	16-	153-	12539
R1 (117)	19/09/27	23:10:06	23:22:19	00:03:34	-----	300-	61-	137-	27901
A1 (05)	19/09/27	23:10:54	23:23:46	00:01:26	-----	303-	54-	104-	14018
B2 (14)	19/09/27	23:15:03	23:28:17	00:04:30	-----	250-	65-	58-	10422
A4 (08)	19/09/27	23:19:04	23:31:58	00:03:41	-----	303-	61-	108-	14016
S3 (112)	19/09/27	23:26:21	23:38:16	00:06:17	-----	263-	39-	51-	27867
B4 (16)	19/09/27	23:28:15	23:41:22	00:03:06	-----	255-	55-	57-	10440
A3 (07)	19/09/27	23:28:32	23:41:30	00:00:07	-----	302-	65-	110-	14019
D8 (36)	19/09/27	23:29:07	23:41:16	00:00:01	-----	289-	31-	156-	3503
D3 (31)	19/09/27	23:38:43	23:48:47	00:07:30	-----	278-	17-	177-	3414
B6 (18)	19/09/27	23:46:52	23:59:49	00:11:01	-----	264-	45-	58-	10423
A8 (12)	19/09/27	23:49:19	00:02:19	00:02:30	-----	301-	84-	120-	14019
D2 (30)	19/09/27	23:54:38	00:04:56	00:02:37	-----	279-	18-	175-	3451
A5 (09)	19/09/27	23:55:47	00:08:46	00:03:50	-----	301-	88-	121-	14016
R2 (108)	19/09/27	23:59:47	00:10:53	00:02:06	-----	290-	28-	161-	28973
D4 (32)	19/09/28	00:01:29	00:10:41	00:00:01	-----	274-	14-	185-	3498
S4 (119)	19/09/28	00:02:33	00:14:00	00:03:19	-----	275-	30-	51-	27784
S1 (116)	19/09/28	00:02:40	00:14:05	00:00:04	-----	276-	29-	51-	27785
R3 (115)	19/09/28	00:05:16	00:15:14	00:01:08	-----	283-	20-	173-	27906
D7 (35)	19/09/28	00:11:14	00:21:36	00:06:22	-----	279-	18-	175-	3485
A7 (11)	19/09/28	00:27:18	00:40:08	00:12:49	00:05:42	297-	61-	135-	14019
B1 (13)	19/09/28	00:28:16	00:40:57	00:00:49	-----	274-	37-	59-	10329
B7 (19)	19/09/28	00:28:17	00:40:52	00:00:05	-----	277-	35-	60-	10423
A6 (10)	19/09/28	00:32:51	00:45:39	00:04:47	-----	296-	59-	136-	14019
S2 (113)	19/09/28	00:36:03	00:47:04	00:01:25	-----	287-	25-	53-	27873
A2 (06)	19/09/28	00:38:20	00:51:04	00:04:00	-----	295-	53-	139-	14019
B8 (20)	19/09/28	00:39:00	00:51:29	00:00:24	-----	280-	34-	60-	10436
D6 (34)	19/09/28	00:45:55	00:52:58	00:01:29	-----	262-	9-	199-	3508
G2 (04)	19/09/28	00:46:21	00:58:57	00:05:58	-----	19-	62-	217-	12540
B3 (15)	19/09/28	00:48:43	01:01:11	00:02:14	-----	280-	34-	61-	10441
R1 (117)	19/09/28	00:55:43	01:02:43	00:01:31	-----	266-	10-	199-	27902
A1 (05)	19/09/28	00:56:12	01:08:37	00:05:54	-----	292-	41-	146-	14019
B2 (14)	19/09/28	01:01:46	01:14:09	00:05:31	-----	284-	32-	62-	10423
A4 (08)	19/09/28	01:04:28	01:16:30	00:02:21	-----	290-	34-	153-	14017
S3 (112)	19/09/28	01:11:42	01:22:27	00:05:57	-----	296-	22-	58-	27868
A3 (07)	19/09/28	01:13:59	01:25:54	00:03:26	-----	289-	32-	156-	14020
B4 (16)	19/09/28	01:15:01	01:27:20	00:01:26	-----	288-	31-	63-	10441
B6 (18)	19/09/28	01:33:43	01:46:01	00:12:17	00:06:22	293-	31-	69-	10424
A8 (12)	19/09/28	01:35:04	01:45:59	00:00:02	-----	283-	22-	167-	14020

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max El	LOS Az	Orbit num.
A5 (09)	19/09/28	01:41:37	01:52:18	00:06:18	-----	282-	21-	170-	14017
S4 (119)	19/09/28	01:47:50	01:58:35	00:06:17	-----	303-	23-	65-	27785
S1 (116)	19/09/28	01:47:56	01:58:42	00:00:06	-----	304-	23-	66-	27786
C3 (23)	19/09/28	02:05:52	02:14:05	00:08:12	00:07:10	169-	11-	92-	9747
T2 (110)	19/09/28	02:07:06	02:13:57	00:00:07	-----	162-	10-	96-	27750
A7 (11)	19/09/28	02:14:03	02:22:10	00:08:06	00:00:06	269-	12-	190-	14020
B7 (19)	19/09/28	02:14:59	02:27:25	00:05:14	-----	299-	33-	78-	10424
B1 (13)	19/09/28	02:15:02	02:27:25	00:00:00	-----	298-	32-	75-	10330
A6 (10)	19/09/28	02:19:42	02:27:32	00:00:06	-----	268-	11-	192-	14020
S2 (113)	19/09/28	02:21:02	02:32:04	00:04:32	-----	308-	25-	75-	27874
C1 (21)	19/09/28	02:21:57	02:32:06	00:00:01	-----	183-	17-	81-	9731
A2 (06)	19/09/28	02:25:32	02:32:32	00:00:25	-----	262-	9-	199-	14020
B8 (20)	19/09/28	02:25:38	02:38:06	00:05:34	-----	300-	34-	81-	10437
G2 (04)	19/09/28	02:26:50	02:33:27	00:04:03	-----	346-	9-	285-	12541
B3 (15)	19/09/28	02:35:19	02:47:50	00:12:30	00:01:51	300-	34-	81-	10442
T4 (114)	19/09/28	02:40:20	02:50:15	00:02:25	-----	186-	19-	77-	27753
A1 (05)	19/09/28	02:44:52	02:48:23	00:01:05	-----	249-	6-	215-	14020
B2 (14)	19/09/28	02:48:16	03:00:53	00:12:29	-----	301-	36-	85-	10424
S3 (112)	19/09/28	02:56:16	03:07:44	00:06:51	-----	310-	30-	86-	27869
B4 (16)	19/09/28	03:01:22	03:14:08	00:06:23	-----	302-	40-	89-	10442
C7 (27)	19/09/28	03:10:51	03:23:10	00:09:02	-----	206-	35-	69-	9776
T1 (118)	19/09/28	03:13:37	03:25:07	00:01:56	-----	204-	34-	66-	27667
B6 (18)	19/09/28	03:19:51	03:32:51	00:07:44	-----	303-	47-	99-	10425
S4 (119)	19/09/28	03:32:01	03:43:56	00:11:04	-----	309-	40-	98-	27786
S1 (116)	19/09/28	03:32:05	03:44:03	00:00:06	-----	309-	41-	99-	27787
T2 (110)	19/09/28	03:47:26	03:59:38	00:12:12	00:03:23	222-	60-	60-	27751
C3 (23)	19/09/28	03:48:17	04:01:22	00:01:44	-----	224-	59-	63-	9748
B7 (19)	19/09/28	04:00:49	04:14:05	00:12:42	-----	302-	69-	113-	10425
B1 (13)	19/09/28	04:00:57	04:14:11	00:00:05	-----	303-	61-	108-	10331
S2 (113)	19/09/28	04:04:55	04:17:12	00:03:01	-----	307-	59-	112-	27875
C1 (21)	19/09/28	04:05:26	04:18:40	00:01:27	-----	233-	79-	61-	9732
B8 (20)	19/09/28	04:11:25	04:24:41	00:06:00	-----	301-	76-	116-	10438
B3 (15)	19/09/28	04:21:05	04:34:23	00:09:42	-----	301-	78-	117-	10443
T4 (114)	19/09/28	04:22:24	04:34:47	00:00:23	-----	237-	83-	55-	27754
B2 (14)	19/09/28	04:33:59	04:47:16	00:12:29	-----	300-	90-	122-	10425
S3 (112)	19/09/28	04:40:01	04:52:24	00:05:07	-----	304-	87-	127-	27870
B4 (16)	19/09/28	04:47:02	05:00:17	00:07:52	-----	299-	75-	129-	10443
C7 (27)	19/09/28	04:55:51	05:09:01	00:08:44	-----	252-	61-	58-	9777
T1 (118)	19/09/28	04:56:54	05:09:05	00:00:03	-----	252-	52-	52-	27668
B6 (18)	19/09/28	05:05:33	05:18:33	00:09:27	-----	295-	53-	139-	10426
S4 (119)	19/09/28	05:15:48	05:27:54	00:09:20	-----	298-	52-	142-	27787
S1 (116)	19/09/28	05:15:54	05:27:56	00:00:02	-----	298-	49-	143-	27788
T2 (110)	19/09/28	05:31:36	05:43:24	00:11:47	00:03:39	266-	37-	51-	27752
C3 (23)	19/09/28	05:34:10	05:47:04	00:03:40	-----	265-	44-	57-	9749
B7 (19)	19/09/28	05:46:47	05:58:49	00:11:45	-----	288-	30-	157-	10426
B1 (13)	19/09/28	05:46:49	05:59:14	00:00:24	-----	291-	36-	151-	10332
S2 (113)	19/09/28	05:49:00	06:00:13	00:01:00	-----	290-	29-	160-	27876
C1 (21)	19/09/28	05:51:40	06:04:21	00:04:07	-----	272-	38-	58-	9733
B8 (20)	19/09/28	05:57:29	06:09:09	00:04:47	-----	286-	26-	162-	10439
K6 (106)	19/09/28	05:58:43	06:04:21	00:04:04	-----	158-	8-	98-	27722

Satellite	Date	AOS Time	LOS Time	Duration	Interval Between	AOS Az	Max EI	LOS Az	Orbit num.
B3 (15)	19/09/28	06:07:12	06:18:46	00:11:33	00:02:50	285-	25-	163-	10444
T4 (114)	19/09/28	06:07:12	06:18:32	00:00:01	-----	278-	28-	51-	27755
B2 (14)	19/09/28	06:20:19	06:31:09	00:10:50	00:01:46	281-	20-	170-	10426
S3 (112)	19/09/28	06:24:46	06:34:04	00:02:54	-----	279-	16-	180-	27871
B4 (16)	19/09/28	06:33:43	06:43:31	00:09:27	-----	277-	16-	179-	10444
T1 (118)	19/09/28	06:42:08	06:53:02	00:09:30	-----	289-	24-	54-	27669
C7 (27)	19/09/28	06:42:36	06:54:56	00:01:53	-----	285-	32-	63-	9778
B6 (18)	19/09/28	06:53:12	07:00:29	00:05:32	-----	263-	10-	198-	10427
S4 (119)	19/09/28	07:02:04	07:07:31	00:05:26	00:01:35	258-	8-	209-	27788
S1 (116)	19/09/28	07:02:24	07:07:16	00:00:01	-----	255-	7-	213-	27789
T2 (110)	19/09/28	07:16:57	07:27:40	00:10:42	00:09:41	298-	22-	59-	27753
C3 (23)	19/09/28	07:21:01	07:33:17	00:05:36	-----	293-	30-	69-	9750
K6 (106)	19/09/28	07:37:55	07:49:40	00:11:45	00:04:37	220-	55-	61-	27723
C1 (21)	19/09/28	07:38:27	07:50:45	00:01:05	-----	297-	31-	74-	9734
T4 (114)	19/09/28	07:52:27	08:03:12	00:10:45	00:01:41	304-	23-	67-	27756
K3 (103)	19/09/28	08:06:06	08:13:18	00:07:12	00:02:53	165-	10-	94-	26782
T3 (105)	19/09/28	08:07:14	08:15:24	00:02:05	-----	169-	12-	89-	26828
T1 (118)	19/09/28	08:27:01	08:38:07	00:11:06	00:11:36	308-	26-	77-	27670
C7 (27)	19/09/28	08:29:04	08:41:41	00:03:34	-----	302-	37-	87-	9779
K9 (109)	19/09/28	08:38:22	08:48:40	00:06:58	-----	187-	21-	74-	26782
G2 (04)	19/09/28	08:48:11	08:54:31	00:05:51	-----	78-	9-	16-	12545
T2 (110)	19/09/28	09:01:26	09:13:00	00:11:33	00:06:54	310-	32-	89-	27754
K4 (104)	19/09/28	09:04:26	09:13:12	00:00:12	-----	176-	14-	84-	26943
C3 (23)	19/09/28	09:07:10	09:20:08	00:06:55	-----	303-	47-	99-	9751
K7 (107)	19/09/28	09:11:27	09:23:01	00:02:53	-----	205-	36-	66-	26782
K6 (106)	19/09/28	09:21:17	09:32:41	00:09:39	-----	264-	37-	50-	27724