



Satellite Passes

Sat Oct 20 8:44AM to 7:51PM

ANALOG BIRDS

AO-7

20-Oct 12:43	E 91°	12:51	NE 43°	13°	12:59	N 355°	-	Map and details
20-Oct 14:31	SE 142°	14:42	ENE 66°	55°	14:53	N 347°	-	Map and details
20-Oct 16:25	S 191°	16:35	W 262°	34°	16:45	NNW 335°	-	Map and details

FO-29

20-Oct 17:16	NE 36°	17:21	E 88°	11°	17:27	SE 138°	+12.3	Map and details
20-Oct 19:00	N 11°	19:07	WNW 287°	77°	19:14	SSW 200°	+10.1	Map and details

AO-73

20-Oct 08:44	N 5°	08:50	WNW 287°	45°	08:56	SSW 209°	-	Map and details
20-Oct 18:04	ESE 117°	18:09	ENE 65°	12°	18:14	N 12°	-	Map and details
20-Oct 19:39	S 175°	19:45	W 261°	61°	19:51	NNW 344°	-	Map and details

XW-2A

20-Oct 09:05	N 13°	09:10	E 104°	81°	09:15	S 191°	-	Map and details
20-Oct 19:35	SE 139°	19:40	ENE 71°	24°	19:45	N 2°	-	Map and details

XW-2B

20-Oct 17:15	SE 140°	17:21	ENE 69°	27°	17:26	N 1°	-	Map and details
20-Oct 18:49	SSW 200°	18:55	W 268°	20°	19:00	NNW 331°	-	Map and details

XW-2C

20-Oct 16:37	ESE 114°	16:41	ENE 64°	10°	16:46	N 14°	-	Map and details
20-Oct 18:09	S 175°	18:15	W 259°	60°	18:21	NNW 344°	-	Map and details

XW-2D

20-Oct 16:44	SE 120°	16:49	ENE 66°	13°	16:54	N 11°	-	Map and details
20-Oct 18:17	S 181°	18:23	W 264°	45°	18:28	NNW 341°	-	Map and details

XW-2F

20-Oct 17:46	SSE 157°	17:52	ENE 72°	58°	17:57	N 353°	-	Map and details
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ZHUHAI-1 01 (CAS 4A)

20-Oct 09:48	SW 231°	09:54	SSE 151°	43°	10:00	E 76°	-	Map and details
20-Oct 11:27	W 262°	11:34	NNW 345°	79°	11:40	E 80°	-	Map and details
20-Oct 13:08	W 280°	13:14	N 2°	79°	13:20	E 98°	-	Map and details
20-Oct 14:48	W 284°	14:54	SSW 204°	42°	15:00	SE 129°	-	Map and details

ZHUHAI-1 02 (CAS 4B)

20-Oct 08:46	SSW 206°	08:51	SE 144°	18°	08:56	E 83°	-	Map and details
20-Oct 10:25	WSW 244°	10:31	SSE 165°	65°	10:37	E 76°	-	Map and details
20-Oct 12:05	W 270°	12:11	N 4°	71°	12:17	E 85°	-	Map and details
20-Oct 13:45	W 283°	13:51	S 166°	83°	13:57	ESE 108°	-	Map and details
20-Oct 15:25	W 281°	15:31	SW 211°	27°	15:37	SE 143°	-	Map and details

FM BIRDS

SO-50

20-Oct 12:32	NNW 333°	12:39	NE 45°	33°	12:46	SE 121°	-	Map and details
20-Oct 14:12	NW 318°	14:19	WSW 247°	35°	14:26	S 172°	-	Map and details

AO-85

20-Oct 11:19	SSW 200°	11:26	ESE 115°	59°	11:33	NE 37°	-	Map and details
20-Oct 13:00	WSW 250°	13:06	NW 318°	25°	13:13	NNE 25°	-	Map and details
20-Oct 18:09	NNW 337°	18:16	NE 31°	13°	18:22	E 85°	-	Map and details
20-Oct 19:50	NW 330°	19:57	NE 56°	55°	20:04	SE 135°	-	Map and details

AO-91

20-Oct 11:40	SE 126°	11:47	ENE 64°	22°	11:53	N 3°	-	Map and details
20-Oct 13:15	S 178°	13:23	W 257°	55°	13:30	NNW 343°	-	Map and details

AO-92

20-Oct 10:57	N 11°	11:03	SW 237°	85°	11:08	S 194°	-	Map and details
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