

Satellite Passes for Field Day 2018

Sat Jun 23 @14:00 to Sun Jun 24 @ 13:59 EDT

ANALOG BIRDS

AO-7

23-Jun 14:52	SSE 151°	15:03	ENE 70°	71°	15:14	N 345°	-	Map and details
23-Jun 16:47	SSW 201°	16:56	W 265°	26°	17:06	NNW 331°	-	Map and details
24-Jun 02:54	NNE 30°	03:03	E 91°	21°	03:13	SSE 153°	-	Map and details
24-Jun 04:46	NNE 16°	04:57	WNW 290°	82°	05:08	SSW 204°	-	Map and details
24-Jun 06:39	N 8°	06:49	NW 309°	20°	06:57	WSW 254°	-	Map and details

FO-29

23-Jun 19:33	NNE 17°	19:40	E 98°	63°	19:48	S 186°	+10.4	Map and details
23-Jun 21:18	N 357°	21:25	WNW 299°	18°	21:31	WSW 240°	+12.0	Map and details
24-Jun 05:46	SE 133°	05:53	ENE 65°	27°	06:00	N 1°	+11.5	Map and details
24-Jun 07:30	S 185°	07:38	W 264°	41°	07:45	NNW 338°	+11.0	Map and details

AO-73

23-Jun 18:24	ESE 118°	18:30	ENE 62°	14°	18:34	N 11°	-	Map and details
23-Jun 19:59	S 176°	20:05	W 261°	59°	20:11	NNW 344°	-	Map and details
24-Jun 07:47	NNE 27°	07:52	E 98°	23°	07:58	SSE 162°	-	Map and details
24-Jun 09:23	N 360°	09:28	WNW 292°	28°	09:34	SW 223°	-	Map and details

XW-2A

23-Jun 20:01	SSE 164°	20:06	ESE 120°	76°	20:11	N 350°	-	Map and details
24-Jun 08:54	N 13°	09:00	ESE 118°	80°	09:05	S 191°	-	Map and details

XW-2B

23-Jun 17:30	SE 148°	17:35	ENE 72°	37°	17:41	N 357°	-	Map and details
23-Jun 19:05	SW 211°	19:10	W 269°	14°	19:14	NW 324°	-	Map and details
24-Jun 06:35	NNE 17°	06:41	E 93°	54°	06:46	S 182°	-	Map and details
24-Jun 08:10	N 348°	08:15	WNW 298°	12°	08:19	WSW 246°	-	Map and details

XW-2C

23-Jun 16:41	ESE 114°	16:45	ENE 64°	11°	16:49	NNE 16°	-	Map and details
23-Jun 18:13	S 176°	18:19	W 259°	57°	18:24	NNW 343°	-	Map and details
24-Jun 05:45	NE 34°	05:50	E 89°	14°	05:55	SE 147°	-	Map and details
24-Jun 07:19	N 4°	07:25	W 280°	40°	07:30	SW 212°	-	Map and details

XW-2D

23-Jun 17:05	SE 133°	17:10	ENE 72°	21°	17:15	N 5°	-	Map and details
23-Jun 18:39	S 194°	18:44	W 260°	26°	18:49	NNW 334°	-	Map and details
24-Jun 06:10	NNE 25°	06:16	E 96°	28°	06:21	S 166°	-	Map and details
24-Jun 07:44	N 356°	07:50	WNW 291°	20°	07:54	SW 230°	-	Map and details

XW-2F

23-Jun 17:18	SE 138°	17:23	ENE 72°	25°	17:28	N 3°	-	Map and details
23-Jun 18:52	SSW 199°	18:57	W 263°	21°	19:02	NNW 331°	-	Map and details
24-Jun 06:23	NNE 22°	06:28	E 94°	34°	06:34	S 172°	-	Map and details
24-Jun 07:57	N 353°	08:02	WNW 291°	17°	08:07	SW 234°	-	Map and details

ZHUHAI-1 01 (CAS 4A)

22-Jun 15:17	W 262°	15:23	N 2°	81°	15:29	E 81°	-	Map and details
22-Jun 16:57	W 280°	17:03	NE 31°	83°	17:09	E 99°	-	Map and details
22-Jun 18:37	W 283°	18:43	SSW 206°	39°	18:49	SE 131°	-	Map and details
23-Jun 11:48	SSW 197°	11:53	SE 143°	14°	11:58	E 89°	-	Map and details
23-Jun 13:27	SW 237°	13:33	SSE 157°	52°	13:39	E 77°	-	Map and details

ZHUHAI-1 02 (CAS 4A)

23-Jun 13:55	WSW 246°	14:01	S 172°	69°	14:07	E 77°	-	Map and details
23-Jun 15:35	W 271°	15:41	N 360°	73°	15:47	E 87°	-	Map and details
23-Jun 17:15	W 283°	17:22	S 186°	73°	17:27	ESE 112°	-	Map and details
23-Jun 18:56	W 280°	19:01	SW 215°	22°	19:07	SE 149°	-	Map and details
24-Jun 12:06	SW 216°	12:11	SSE 151°	25°	12:17	E 80°	-	Map and details
24-Jun 13:45	WSW 251°	13:51	SSE 159°	79°	13:57	E 77°	-	Map and details

FM BIRDS

SO-50

23-Jun 15:05	W 279°	15:10	NW 328°	10°	15:15	NNE 17°	-	Map and details
23-Jun 20:12	NNW 336°	20:19	NE 41°	24°	20:25	ESE 110°	-	Map and details
23-Jun 21:53	NW 321°	22:00	SW 237°	52°	22:06	SSE 163°	-	Map and details
24-Jun 12:07	SSW 196°	12:13	ESE 116°	47°	12:20	NE 40°	-	Map and details
24-Jun 13:48	WSW 249°	13:54	NW 316°	24°	14:00	NNE 23°	-	Map and details

AO-85

23-Jun 19:32	SW 211°	19:39	S 181°	90°	19:46	NE 34°	-	Map and details
23-Jun 21:14	W 263°	21:20	NW 325°	16°	21:26	NNE 22°	-	Map and details
24-Jun 02:22	NNW 337°	02:29	NE 38°	18°	02:35	E 97°	-	Map and details
24-Jun 04:03	NW 327°	04:10	E 80°	83°	04:18	SE 147°	-	Map and details
24-Jun 05:44	NW 307°	05:50	WSW 254°	15°	05:56	SSW 202°	-	Map and details

AO-91

23-Jun 14:48	SW 227°	14:53	W 275°	10°	14:59	NW 322°	-	Map and details
24-Jun 00:59	NNE 26°	01:06	E 93°	21°	01:11	SSE 155°	-	Map and details
24-Jun 02:35	N 5°	02:42	WNW 296°	40°	02:48	SW 215°	-	Map and details
24-Jun 11:56	SE 127°	12:02	ENE 62°	22°	12:09	N 3°	-	Map and details
24-Jun 13:31	S 180°	13:38	W 268°	52°	13:45	NNW 342°	-	Map and details

AO-92

23-Jun 21:37	SSE 155°	21:43	E 81°	51°	21:48	N 354°	-	Map and details
24-Jun 10:39	NNE 15°	10:45	E 90°	65°	10:50	S 187°	-	Map and details