

This is a list of satellite passes that occur between 1400 Local on Saturday June 28 and 1400 Local on Sunday June 29 2014 for the Rhode Island (FN41) area. AO-7 will only be usable during daylight hours. AO-73 should be usable at any time on the weekend, but it's possible that it might only be available when eclipsed.

IC-9100 TX Offset Values obtained from recent satellite QSOs are:

AO-07 +2.7 KHz
 AO-73 +9.0 KHz
 FO-29 - 0.2 KHz
 VO-52 +3.0 KHz

AO-07 Operating Mode (Could also be in Mode A: 2m Up/10m Down)

- Uplink: 432.1250 – 432.1750 MHz SSB/CW (LSB)
- Downlink: 145.9750 – 145.9250 MHz SSB/CW (USB)

AO-73 Operating Mode U/V

- Uplink: 435.150 – 435.130 MHz (LSB)
- Downlink: 145.950 – 145.970 MHz (USB)
- Beacon: 145.935 MHz BPSK Telemetry

FO-29 Operating Mode J (V/U)

- Uplink: 145.9000 – 146.0000 MHz SSB/CW (LSB)
- Downlink: 435.8000 – 435.9000 MHz SSB/CW (USB)
- Beacon: 435.7950 MHz CW

VO-52 Operating Mode

- Uplink: 435.2250 – 435.2750 MHz SSB/CW (LSB)
- Downlink 145.9250 – 145.8750 MHz SSB/CW (USB)
- Beacon: 145.8600 MHz CW

Field Day 2014 Passes for Rhode Island (Bird/Date/Time/Duration/Max Az/Max El):

AO-07	6/28/2014	2:39:17 PM - 2:59:58 PM	00:20:41	54.8°	28.3°
FO-29	6/28/2014	3:50:26 PM - 4:03:38 PM	00:13:12	43.9°	7.8°
AO-07	6/28/2014	4:30:10 PM - 4:53:20 PM	00:23:10	254.3°	71.9°
VO-52	6/28/2014	5:04:56 PM - 5:16:56 PM	00:12:00	67.5°	21.4°
FO-29	6/28/2014	5:30:11 PM - 5:50:09 PM	00:19:58	64.4°	39.9°
AO-07	6/28/2014	6:27:07 PM - 6:44:42 PM	00:17:35	273.2°	12.7°
VO-52	6/28/2014	6:40:17 PM - 6:53:10 PM	00:12:53	263.7°	33.1°
FO-29	6/28/2014	7:14:58 PM - 7:35:17 PM	00:20:19	264.8°	44.3°
AO-73	6/28/2014	9:44:29 PM - 9:58:04 PM	00:13:35	69.8°	34.8°
AO-73	6/28/2014	11:21:09 PM - 11:34:19 PM	00:13:10	265.6°	23.7°
AO-07	6/29/2014	4:31:33 AM - 4:53:52 AM	00:22:19	99.0°	39.9°
FO-29	6/29/2014	6:24:22 AM - 6:43:56 AM	00:19:34	92.2°	34.7°
AO-07	6/29/2014	6:24:25 AM - 6:46:48 AM	00:22:23	296.5°	48.4°
VO-52	6/29/2014	6:25:38 AM - 6:38:33 AM	00:12:55	97.4°	39.6°
VO-52	6/29/2014	8:02:02 AM - 8:13:32 AM	00:11:30	293.9°	17.7°
FO-29	6/29/2014	8:09:17 AM - 8:29:24 AM	00:20:07	291.9°	48.6°
AO-07	6/29/2014	8:18:21 AM - 8:34:25 AM	00:16:04	319.1°	11.2°
FO-29	6/29/2014	9:55:35 AM - 10:09:56 AM	00:14:21	313.5°	10.1°
AO-73	6/29/2014	11:09:49 AM - 11:23:18 AM	00:13:29	100.7°	69.9°
AO-73	6/29/2014	12:47:07 PM - 12:57:42 PM	00:10:35	298.6°	11.6°
AO-07	6/29/2014	1:42:34 PM - 1:59:27 PM	00:16:53	43.0°	13.0°