

JAIVEx Satellite Coincidence Flight Opportunities

April 2007

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12 <i>WB-57 (926) checkout flight</i> <i>BaE 146 arrives</i>	13	14 —night <u>Northern GOM</u> <u>(2215-0315)</u> [#2: northern GOM, 1100; Metop]
15 [#2: eastern GOM;1030, Metop; or 1400, Aqua]	16 [#2: southwestern GOM; 1450, Aqua]	17 [#2: northern GOM; 0300, Aqua]	18 —day <u>OK (1115- 1445)</u> [#2: western GOM; 1430, Aqua]	19 —night <u>OK (2215- 0330)</u> [#2: northern GOM, 1100; Metop]	20 —day <u>Southern GOM</u> <u>(1030-1430)</u> [#2: eastern GOM; 2200, Metop]	21 [#2: eastern GOM; 0230, Aqua]
22 [#2: OK, 1130, Metop; or GOM, 1400, Aqua]	23 —night <u>Northern GOM</u> <u>(2230-0300)</u> [#2: OK, 1100, Metop]	24 [#2: northern GOM, 1100; Metop]	25 [#2: western GOM; 1445, Aqua]	26 [#2: northern GOM; 0300, Aqua]	27 —day <u>OK (1130- 1430)</u> [#2: northern GOM; 1430, Aqua]	28 —night <u>OK (2230- 0330)</u> [#2: western GOM, 1100; Metop]
29 —day <u>Northern GOM</u> <u>(1030-1430)</u>	30 [#2: eastern GOM;1030, Metop]	1 (May 2007) [#2: northern GOM, 0300, Aqua; eastern GOM, 1400, Aqua]	2 —day/night <u>OK (1115- 1500);</u> <u>Southwest</u> <u>GOM (2230- 0300)</u>	3 —night <u>OK (2215- 0345)</u> [#2: western GOM, 1100; Metop]	4 —day <u>Central GOM</u> <u>(1045-1445)</u>	5

Notes:

Denotes top priority flight days; near-nadir space & time coincidence achievable for both Metop & Aqua during single flight (CART site, GOM, or other target scene regions); regions/times in green and underlined

#2: Denotes potential secondary priority flight missions with regions/times enclosed in [brackets]; these could enable sub-satellite space & time coincidence over desired target scene for either Metop or Aqua

All times are local (HOU) and correspond to satellite coincidence; these are a subset of actual flight time periods which must also account for to/from target travel and possible pre- / post-overpass mission science tasks