

**MSG 123 - RED FD09 EARTH OBS**

- 1 MET's are the estimated time that your orbit track intersects the target area.
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- 3 \*\*\*\*\*
- 4 RED AND BLUE
- 5
- 6 MET 07/18:16 TEL AVIV - JERUSALEM. With weather improving, this pass offers nadir
- 7 view of both these Israeli cities as well as the Dead Sea. CVIS. Near Vertical. Digital
- 8 Camera 180mm. Atlas page 16.
- 9
- 10 MET 07/18:20 PERSIAN GULF STATES OF SAUDI ARABIA AND QATAR. Look just to the left of
- 11 track for the small, but vital Arab nations. Note the intensive development of the
- 12 coastal areas related to the production and transport of petroleum. CVIS. Near
- 13 Vertical. Digital Camera 180mm. Atlas page 17.
- 14
- 15 MET 07/19:51 TOSHKA LAKES, EGYPT. Astronaut photography is being used to track the
- 16 surprising expansion of this lake system to the west of the Nile River and the Aswan
- 17 Dam. CVIS. Near Vertical. Digital Camera 50mm. Atlas pages 16, 17.
- 18
- 19 \*\*\*\*\*
- 20 RED
- 21
- 22 MET 07/21:26 SALAMAT MARHES, CHAD. Take advantage of the sunglint, well to the
- 23 right of track, to help map and better understand the complex drainage pattern of this
- 24 extensive swamp associated with a major megafan. CVIS. Oblique. Hasselblad
- 25 110mm. Atlas page 16.
- 26
- 27 MET 08/00:23 CAPE VERDE DUST EVENT. Continue to monitor the evolution of the large
- 28 dust cloud reported exiting the African coast north of Cape Verde. Try for oblique
- 29 views to the left of track that include landmarks and plume edges where possible.
- 30 CVIS. Oblique. Hasselblad 110mm. Atlas page 14.
- 31
- 32 MET 08/01:44 SOUTHERN CUMBERLAND PLATEAU AND APPALACHIANS. An arctic
- 33 cold front is expected to have cleared this area by the time of your pass affording
- 34 good regional views. Note the land use and geologic features under the defoliated
- 35 conditions of deep winter. Near Vertical. Oblique. Hasselblad 110mm. Atlas page 2.
- 36
- 37 MET 08/03:17 HOUSTON/JSC. Most of Harris county and the Bay Area will be under sunny
- 38 skies just to the left of track. CVIS. Near Vertical. Digital Camera 180mm. Atlas page
- 39 2.
- 40
- 41 MET 08/03:23 KINGSTON JAMAICA. You will track diagonally across this mountainous
- 42 island and find Kingston on the southeast coast just slightly left of track. CVIS. Near
- 43 Vertical. Digital Camera 180mm. Atlas page 13.
- 44
- 45 MET 08/03:26 CARACAS, VENEZUELA. You have a nadir pass over the Venezuelan
- 46 capital, located just inland from the coast. CVIS. Near Vertical. Digital Camera
- 47 180mm. Atlas page 13.
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- 1 MET 08/04:57 ISLA DEL COCO, COSTA RICA. Look carefully to the left of track for this
- 2 small, green, and isolated island well to the right of track. It has never been
- 3 photographed from space, despite repeated attempts. CVIS. Oblique. Digital Camera
- 4 400mm. Atlas page 12.
- 5
- 6 \*\*\*\*\*
- 7 BLUE
- 8
- 9 MET 08/09:41 EASTER ISLAND, SOUTHEAST PACIFIC. You will be losing light rapidly,
- 10 but try to photograph this remote island with its famous, intriguing stone heads,
- 11 located well left of track. CVIS. Near Vertical. Digital Camera 400mm. Atlas page 32.
- 12
- 13 MET 08/10:41 SEOUL, SOUTH KOREA. With improving weather at hand, you have a nadir
- 14 pass over the bustling South Korean capital with it population of more than ten
- 15 million souls. CVIS. Near Vertical. Digital Camera 180mm. Atlas page 21.
- 16
- 17 MET 08/12:15 SHANGHAI, CHINA. This is a very good pass over the Yangtze River delta
- 18 with China's largest city on the south bank, just to the right of track. CVIS. Near
- 19 Vertical. Digital Camera 180mm. Atlas page 21.
- 20
- 21 MET 08/15:16 CENTRAL HIMALAYAS PASS. To the left of track, the spectacular massif of
- 22 the central Himalayas rises abruptly from the Ganges Plain. Look for Kathmandu in
- 23 an intramountain valley behind the first set of foothills, just left of track. CVIS.
- 24 Oblique. Hasselblad 110mm. Atlas page 19.
- 25
- 26 MET 08/15:19 DACCA, BANGLADESH. As you track across the complex delta of the
- 27 Ganges from the northwest you will have a nadir view of this megacity of nine million.
- 28 CVIS. Near Vertical. Digital Camera 180mm. Atlas page 19.
- 29
- 30 MET 08/15:24 MEKONG RIVER DELTA. Try for context views of the Mekong River delta
- 31 region located well to the right of track. Of interest are the land use and water control
- 32 structures as well as the extent of the river's sediment plume during the low
- 33 discharge of the winter season. CVIS. Oblique. Digital Camera 180mm. Atlas page
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