

MSG 220 - RED FD15 EARTH OBS TEXT

1 MET's are times of closest approach to target.

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4 RED AND BLUE

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6 MET 13/16:34 Lake Nasser, Egypt. Your pass begins at the Aswan High
7 Dam, you may be able to detect the low dam just to the
8 north. Continue your observation, noting the reefs of
9 the Red Sea, notably the Farasan Islands off the coast
10 of Saudi Arabia. Detailed views of these islands and
11 reefs is highly desirable. CVIS. Near Vertical. Digital
12 Camera 400mm. Atlas page 16.

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14 MET 13/18:13 Lake Turkana, Kenya. We have time series photography of
15 the rise and fall of the Omo River Delta at the
16 northern end of Lake Turkana. Your imagery will be
17 added to this valuable data set. CVIS. Near Vertical.
18 Digital Camera 400mm. Atlas page 16.

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21 RED

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23 MET 13/22:58 South Africa, Great Karroo Range. Your orbit track will
24 parallel the Great Karroo Range. CVIS. Oblique.
25 Hasselblad 110mm. Atlas page 37.

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27 MET 14/00:04 Cuba. Note land use along the central and southern
28 parts of Cuba. CIR. Near Vertical. Hasselblad 250mm.
29 Atlas pages 12, 13.

30

31 MET 14/00:09 Orinoco River Delta, Venezuela. Photo document the
32 Orinoco River Delta at the coast. The city of
33 Georgetown, Guyana will be just left (north) or track
34 at the coast. Continue to the Amazon Delta if clouds
35 permit. CVIS. Near Vertical. Digital Camera 400mm.
36 Atlas page 13.

37

38 MET 14/01:36 Mexico, Guatemala. Note land use differences at the
39 border between Mexico and Guatemala. You will also pass
40 very close to Guatemala City and San Salvador - look
41 left (north). CIR. Near Vertical. Hasselblad 250mm.
42 Atlas page 12.

43

44 MET 14/03:22 First Chile Andes Pass. You will notice the two bright
45 white salars, or dry lakes, as you cross the coast.
46 Salar de Uyuni is the northernmost with Salar de
47 Atacama to the south. Atacama contains and large and
48 growing salt evaporation ponds. CVIS. Near Vertical.
49 Digital Camera 400mm. Atlas page 33.

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1 MET 14/04:57 Second Chile/Argentina Pass. As you cross the Andes
2 look to the north and east of the city of Santiago,
3 near the Chilean border, for Aconcagua. This mountain
4 is the tallest in the western hemisphere at 22,835 feet
5 or 6,960 m. CVIS. Oblique. Digital Camera 180mm. Atlas
6 page 33.
7

8 MET 14/06:32 Final Chile, Southern Andes Pass. Low light may help to
9 highlight the topography of the southern Andes
10 mountains. Look south along the chain. CVIS. Oblique.
11 Hasselblad 110mm. Atlas page 42.
12
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14 BLUE
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16 MET 14/10:49 Tropical Cyclone 12P Beni, Pacific Ocean. Beni is
17 expected to hit the southern half of New Caledonia with
18 110 to 135 knot winds (Category 3 Hurricane). Look
19 right (south) of track and photograph the fine
20 structure of this powerful storm system. The eye is
21 clearly visible from weather satellites. CVIS. Oblique.
22 Hasselblad 110mm. Atlas page 29.
23

24 MET 14/11:59 Mt. Everest, Nepal and China. Look right (south) or
25 your track to see Mt. Everest. CVIS. Oblique.
26 Hasselblad 250mm. Atlas page 19.
27

28 MET 14/12:04 Laos, Vietnam. Begin your pass at Viangchan (Vientiane)
29 the capital of Laos. Nam Ngum Reservoir will be left
30 (north) or track. Note water level and color. Continue
31 your pass to the Vietnamese coast. CVIS. Near Vertical.
32 Hasselblad 250mm. Atlas page 20.
33

34 MET 14/12:17 Cape York Peninsula and Great Barrier Reef, Australia.
35 Note land use along the Cape York Peninsula. You also
36 have an opportunity to photograph the lower half of the
37 Great Barrier Reef. We request detailed photography of
38 the reef structures. CVIS. Near Vertical. Digital
39 Camera 400mm. Atlas page 28.
40

41 MET 14/13:30 Indus River, Pakistan; Rann of Kutch, India. The Indus
42 is one of the rivers that are of great interest to us
43 and we have few recent images. Karachi will be just
44 south (right) or track. Also note the Rann and Gulf of
45 Kutch to the southwest of your track. Continue
46 photography to the Godavari River Delta at the eastern
47 coast of India. CVIS. Near Vertical. Hasselblad 110mm.
48 Atlas pages 17, 19.
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END OF PAGE 2 OF 3, MSG 220

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1 MET 14/13:54 South and New South Wales, Australia. Please document
2 the Darling River Basin to the Great Dividing Range.
3 Pay particular attention to the area along the range
4 and to the north of Sydney (Sydney will be south or
5 right of track). This area experienced massive fires
6 beginning on Christmas day and continuing for 16 days,
7 killing 72 people. Look for fire scars or any evidence
8 of these fires. CVIS. Near Vertical. Digital Camera
9 400mm. Atlas page 28.

10
11 MET 14/15:09 Maldives, Indian Ocean. The Maldives consists of 1,190
12 small coral islands. We request detailed imagery of the
13 fine reef structure. You will pass near Fadiffolu, to
14 the north of that atoll is Miladummadulu, and to the
15 north of that is Tiladummati, one of the most populous
16 of the island reefs. CVIS. Near Vertical. Digital
17 Camera 400mm. Atlas pages 18, 19.

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19 MET 14/15:22 Western Australia Looking right (south and west) of
20 track note land use in this agriculturally intensive
21 area. CVIS. Oblique. Digital Camera 180mm. Atlas page
22 27.

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