

**MSG 173 - RED FD12 EARTHOBBS TEXT**

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2 RED  
3  
4 MET 10/21:29 Mozambique. Look for evidence of flooding after  
5 tropical storm and weeks of heavy rain. You cross the  
6 coast along the Zambezi River. Coastal sediment plume  
7 may be prominent. Near Vertical. Digital Camera 400mm  
8 Hasselblad 110mm. Atlas page 38.  
9  
10 MET 11/00:37 Cape Town, South Africa. Late afternoon pass over city.  
11 CVIS. Near Vertical. Digital Camera 400mm Hasselblad  
12 110mm. Atlas page 38.  
13  
14 MET 11/01:35 Southwestern US. Four corners area in low light, from  
15 Colorado River to west Texas. CVIS. Near Vertical.  
16 Oblique. Digital Camera 400mm Hasselblad 110mm. Atlas  
17 page 2.  
18  
19 MET 11/03:10 Skammons Lagoon, Baja California. Breeding grounds of  
20 grey whales and location of one of the largest  
21 industrial salt ponds in the world. Grey whales migrate  
22 November-February from the northern Pacific to breed in  
23 this lagoon. You will need several detailed images to  
24 completely image the lagoons and salt works. CVIS. Near  
25 Vertical. Digital Camera 400mm Hasselblad 110mm. Atlas  
26 page 11.  
27  
28 MET 11/03:14 Central Mexico, Mexico City. Detailed images of the  
29 mountains and surrounding forests west and north of  
30 Mexico City, including the forests where North  
31 America's monarch butterflies migrate to. Landuse  
32 changes have been rapid. You will also see Mexico City  
33 and surrounding volcanoes. Look for small plumes from  
34 Volcan Popocateptl. CVIS. Near Vertical. Digital Camera  
35 400mm Hasselblad 110mm. Atlas page 11.  
36  
37 MET 11/05:01 Andes and Chaco Plain. Begin over N. Chilean Andes,  
38 including Salar de Atacama. The salar contains large  
39 and growing salt evaporation ponds. As you cross into  
40 Argentina, document landuse until the coast (Uruguay).  
41 CVIS. Near Vertical. Digital Camera 400mm Hasselblad  
42 110mm. Atlas pages 33-34.  
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**MSG 173 - RED FD12 EARTH OBS TEXT**

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2 BLUE  
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4 MET 11/10:34 Gobi Desert, Central China. Document landuse and  
5 possible dust storms along central reaches of Yellow  
6 River. You will cross the coastal plain and the coast  
7 just north of Shanghai. The cities of Shanghai and  
8 Huangzhou, and the mouth of the Yangtze River are all  
9 targets. Near Vertical. Digital Camera 400mm Hasselblad  
10 110mm. Atlas pages 8, 20.  
11  
12 MET 11/12:08 Central China, Upper reaches of Yangtze River. Document  
13 the landuse and aerosols, especially in the Red Basin  
14 just south of track. Use oblique views with a wide lens  
15 of Red Basin aerosols. You cross the coast just north  
16 of Canton and Hong Kong. Near Vertical. Oblique.  
17 Digital Camera 400mm Hasselblad 110mm. Atlas page 20.  
18  
19 MET 11/12:25 Solomon Islands. Tropical Storm Beni, currently moving  
20 north and will probably be north of track. Oblique.  
21 Hasselblad 110mm. Atlas pages 28-29.  
22  
23 MET 11/13:37 Himalayas and Ganges Delta. Follow the crest of the  
24 west and central Himalaya. Look south of track at  
25 Indian plain and Ganges River delta. This pass also  
26 takes you across the Folded Ranges and into southeast  
27 Asia. Document landuse, especially along the Mekong  
28 River at the border near Thailand-Laos-Cambodia. Near  
29 Vertical. Digital Camera 400mm Hasselblad 110mm. Atlas  
30 pages 19-20.  
31  
32 MET 11/13:57 Cape York Peninsula, Australia. Document the rainforest  
33 and landuse along the eastern coast. The central  
34 portion of the Great Barrier Reef is just north of  
35 track. Near Vertical. Digital Camera 400mm Hasselblad  
36 110mm. Atlas page 28.  
37  
38 MET 11/15:32 Lake Eyre to Sydney, Australia. This pass crosses just  
39 north of Lake Eyre. Document water levels. You will  
40 cross the Darling River Basin and the Great Dividing  
41 Range in the vicinity of the large forest fires that  
42 threatened Canberra (and the Deep Space Network). Look  
43 for smoke plumes and fire scars. Detailed nadir views  
44 of Sydney. Near Vertical. Digital Camera 400mm  
45 Hasselblad 110mm. Atlas page 28.  
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