Dust RGB Product

R = Difference IR12.0 - IR10.8
G = Difference IR10.8 - IR8.7
B = Channel IR10.8

Applications:	Dust, Thin Clouds, Contrails
Area:	Full MSG Viewing Area
Time:	Day and Night

Dust RGB Product

Ranges and Enhancements:

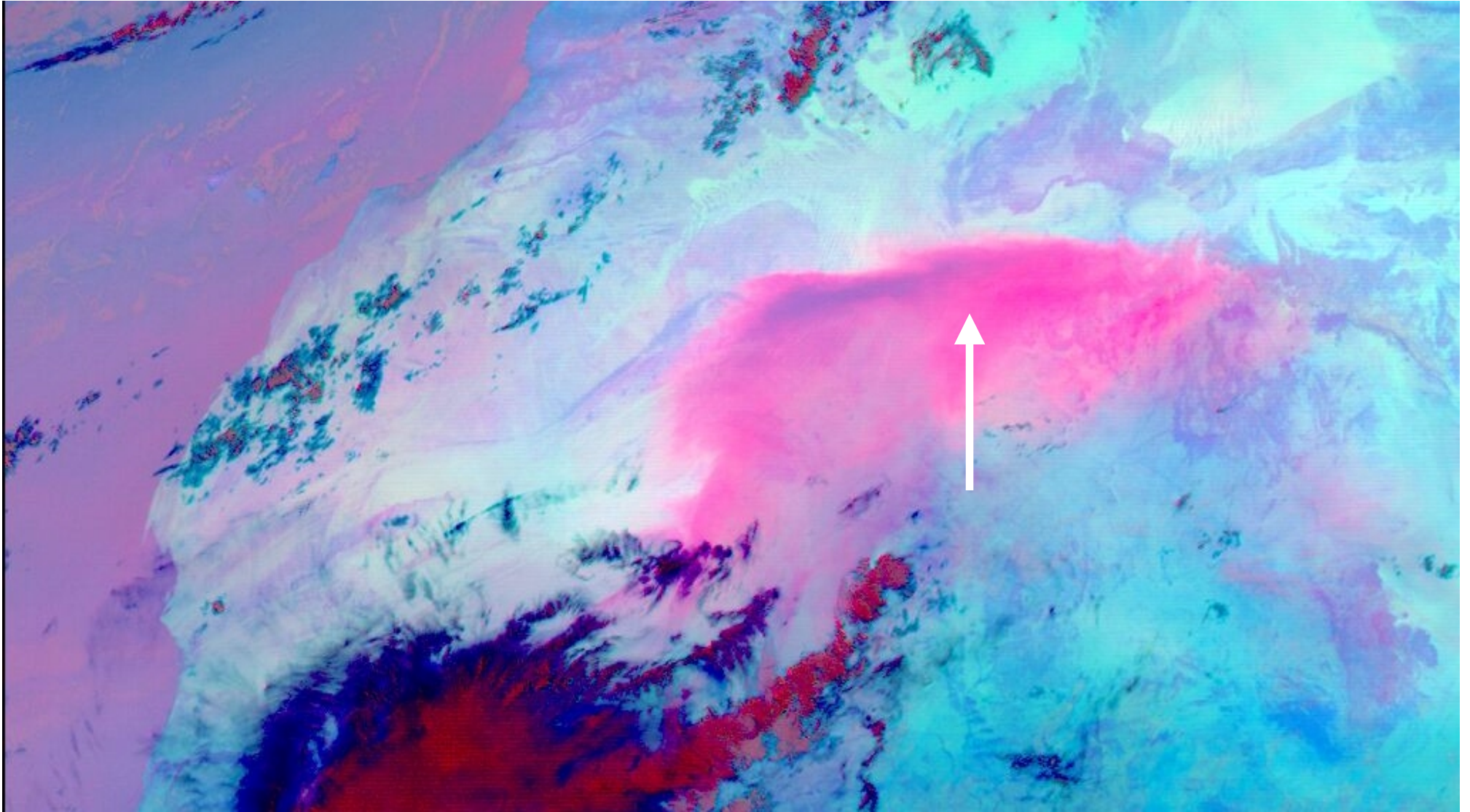| Beam	Channel	Range	Gamma
Red	IR12.0 - IR10.8	-4 K … +2 K	1.0
Green	IR10.8 - IR8.7	0 K … +15 K	2.5
Blue	IR10.8	261 K … 289 K	1.0

Dust RGB Product

10 - 09

09 - 07

09
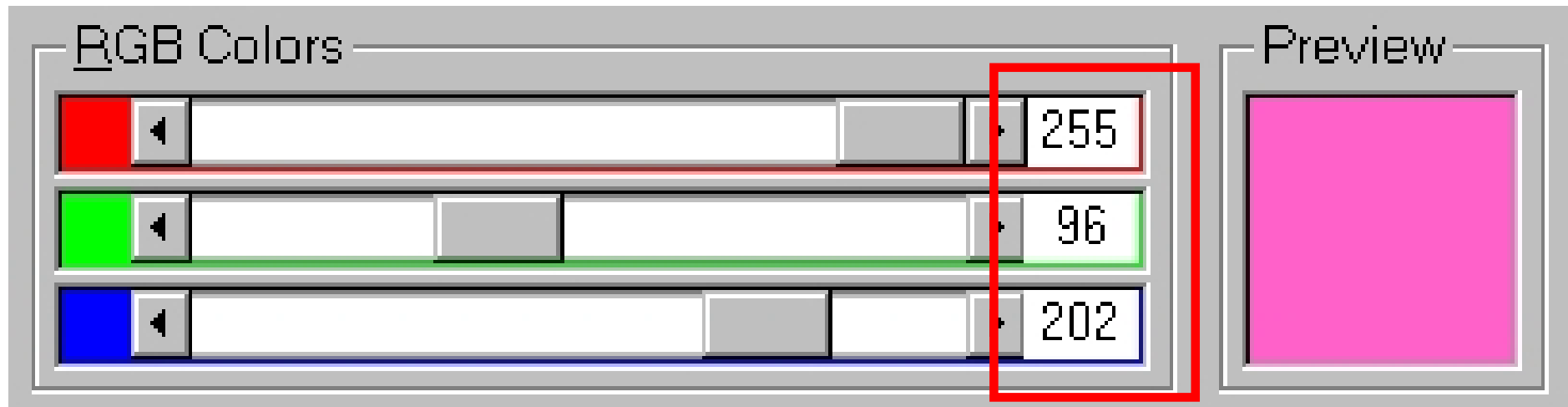
In dust RGB product images, dust appears in magenta colours !

The values shown above (in the red box) correspond to
the location (shown by an arrow) on the next page !

Dust RGB Example 1

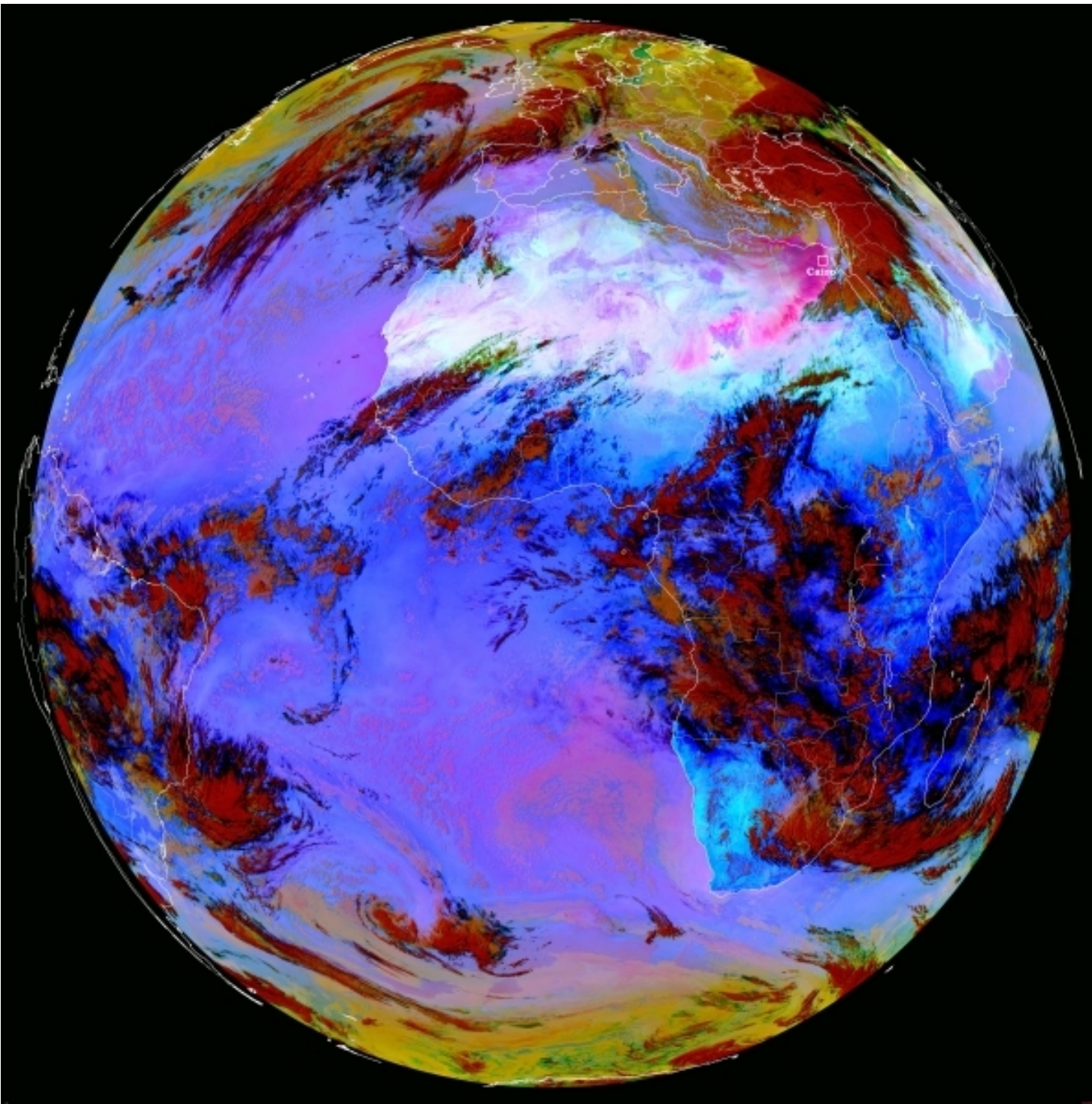

MSG-1, 14 July 2003, 10:00 UTC

Dust RGB Example 2

MSG-1, 25 June 2003, 10:00 UTC

**Dust RGB
Example 3
Global View**

MSG-1
22 January 2004
12:00 UTC

Dust RGB: Interpretation
of Colours for High-level Clouds

Cold, thick, high-level clouds	Thin Cirrus clouds Contrails

Ocean	Warm Desert	Cold Desert	Warm Land	Cold Land

Dust RGB: Interpretation of Colours for Low/Mid-level Clouds

Thick, mid-level cloud	Thin, mid-level cloud		Low-level cloud (cold atmosphere, Europe)	Low-level cloud (warm atmosphere, Africa)	Dust Storm

Ocean	Warm Desert	Cold Desert	Warm Land	Cold Land