Example of a Training Resource; the Airmass RGB product

Australian VLab Centre of Excellence

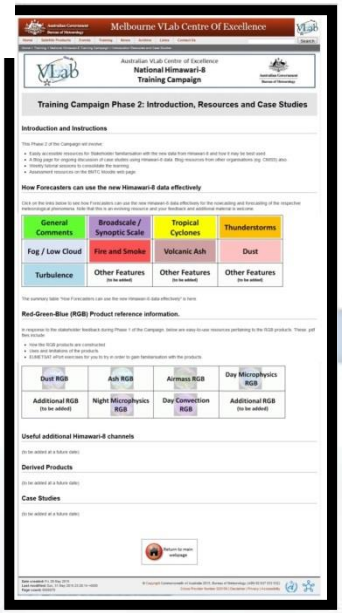
National Himawari-8 Training Campaign

Australian Government Bureau of Meteorology

The Campaign will assist Australian Bureau of Meteorology, WMO Region V and other stakeholders in preparing for the effective use of Himawari-8 data prior to its availability using existing satellite resources.

Phase 1: Familiarisation Resources (rapid scan)	**Learning Outcomes**	**Phase 1: Familiarisation Resources** (RGB products)
Phase 2: Case Studies	**Instructions and Timeline**	**Phase 2: Latest Himawari-8 related information**
Tutorial Sessions and Feedback (Phase 2)	**Objectives**	**Tutorial Sessions and Feedback** (Phase 1)

1



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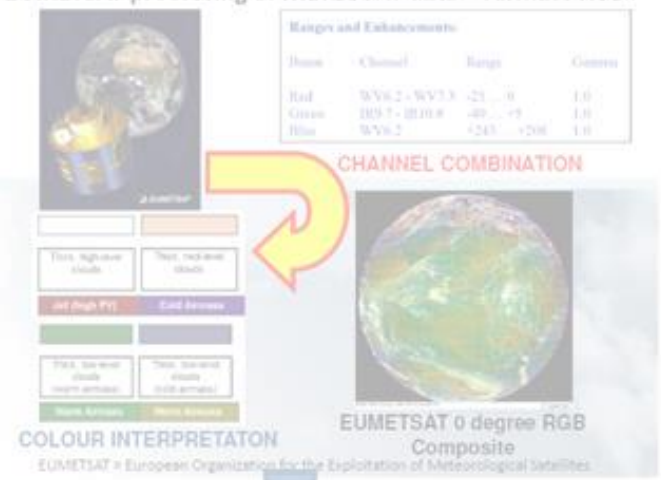

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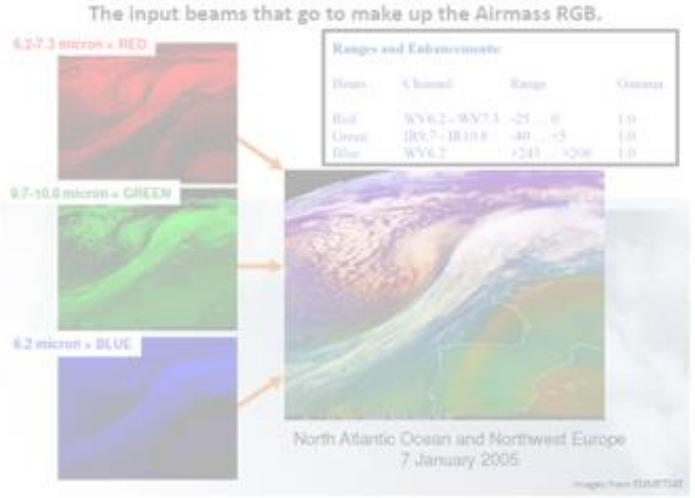

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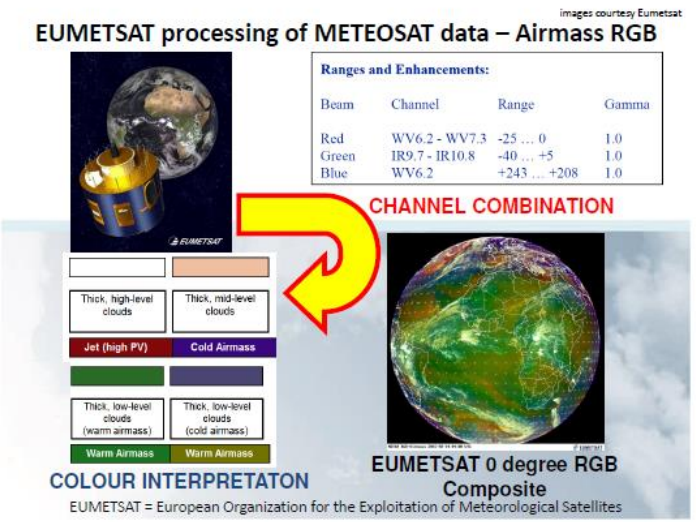
1

2



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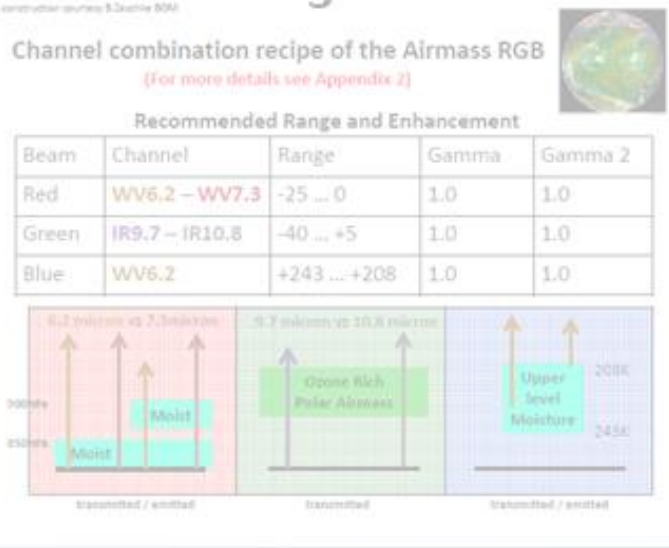

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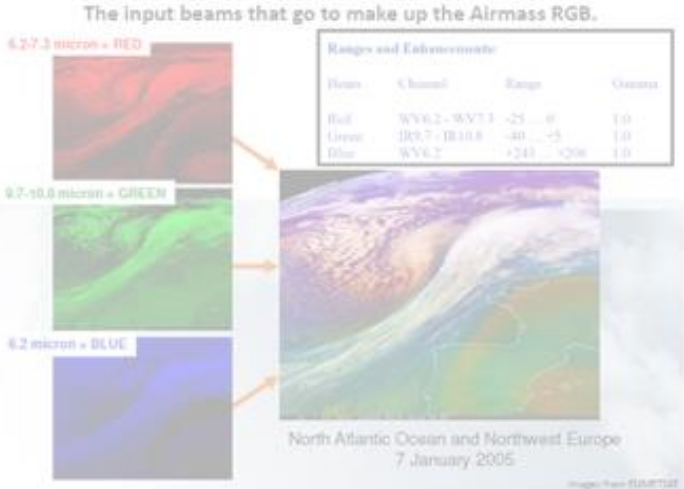

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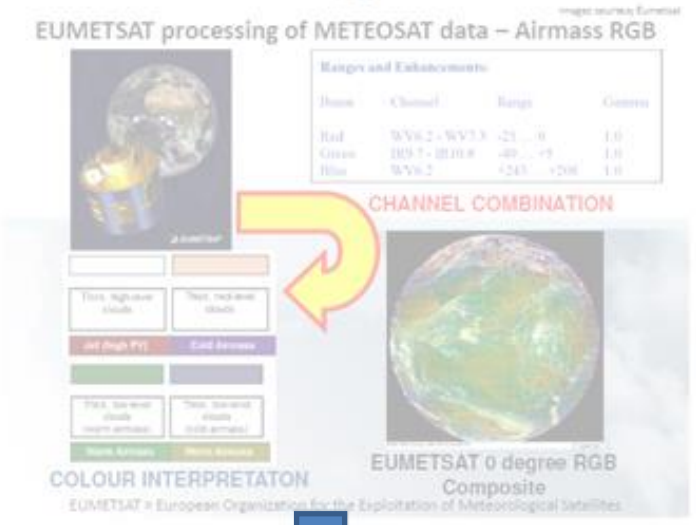
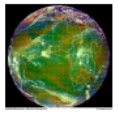


3

construction courtesy B.Zeschke BOM

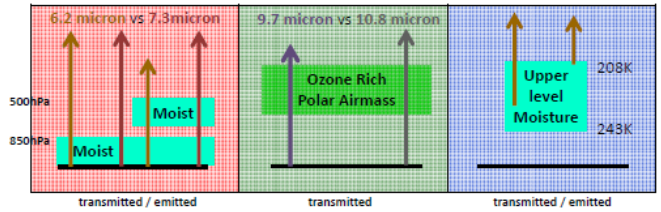
Channel combination recipe of the Airmass RGB

(For more details see Appendix 2)



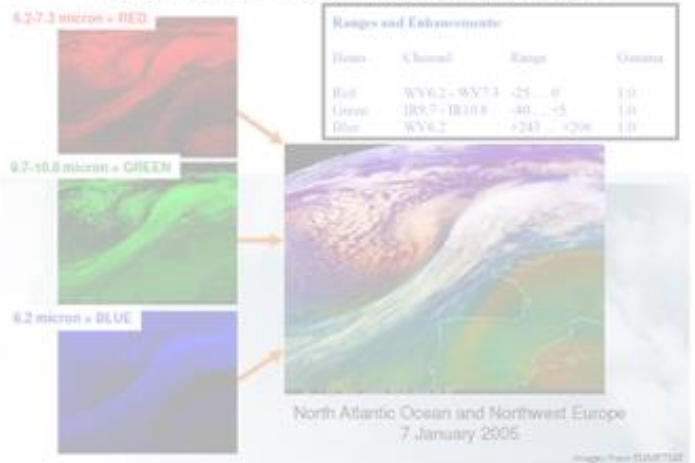
Recommended Range and Enhancement

Beam	Channel	Range	Gamma	Gamma 2
Red	WV6.2 – WV7.3	-25 … 0	1.0	1.0
Green	IR9.7 – IR10.8	-40 … +5	1.0	1.0
Blue	WV6.2	+243 … +208	1.0	1.0



4

The input beams that go to make up the Airmass RGB.



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EUMETSAT processing of METEOSAT data – Airmass RGB

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CHANNEL COMBINATION

COLOUR INTERPRETATON

EUMETSAT 0 degree RGB Composite

EUMETSAT = European Organization for the Exploitation of Meteorological Satellites

3

Channel combination recipe of the Airmass RGB

(For more details see Appendix 2)

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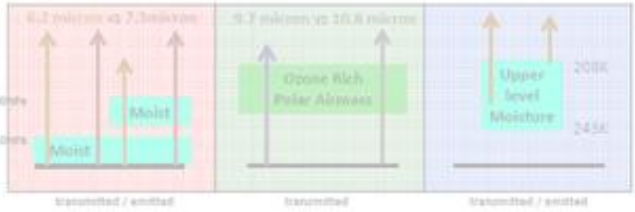


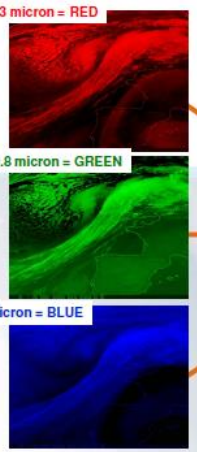
4

The input beams that go to make up the Airmass RGB.

6.2-7.3 micron = RED

9.7-10.8 micron = GREEN

6.2 micron = BLUE



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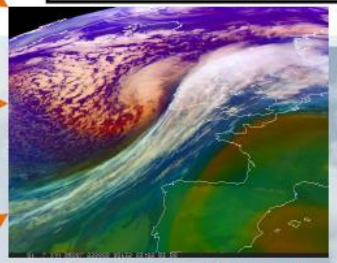

North Atlantic Ocean and Northwest Europe
7 January 2005

images from EUMETSAT