

ITWG survey on the Use of ATOVS data in operational NWP

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Reports from 14 NWP centers

Notes on the survey:

- 1) Many centers assimilate SBUV retrieved ozone products, but they are not listed as ATOVS retrievals above.
- 2) There are still operational users of NESDIS ATOVS retrieved products
- 3) Significant under-use of tropospheric data over land and ice
- 4) No operational use of cloud affected IR radiance data
- 5) Still a number of centers producing monitoring statistics but **NOT** on the external WWW

Institute	Retrievals In Global NWP	Retrievals in Regional NWP	Radiances in Global NWP	Radiances in Regional NWP	WWW DATA MON
Australia	NESDIS	NESDIS	1D-Var	1D-Var	
Brasil	NESDIS	NESDIS			
Canada (CMC)			4D-Var	3D-Var	PWP
China			3D-Var		
Denmark				3D-Var	YES
ECMWF			4D-Var		YES
France			4D-Var	3D-Var 4D-Var	YES PWP
Germany(DWD)			1D-Var		YES
Hungary				3D-Var	
Japan		NESDIS/JMSC	4D-Var		
New Zealand				3D-Var	
Sweden				3D-Var	YES
UK			4D-Var	3D-Var 3/4D-Var	YES
USA (NCEP)			3D-Var	3D-Var	YES
USA (NRL)	NESDIS (above model top)	NESDIS	3D-Var (below model top)		YES

Blue= new as of ITSC-16, red=using response from ITSC-15, ——— change from previous survey.