

**Table 1: Use of satellite data in operational NWP (ITWG survey of systems at 05.11.2008)**

Institute	Retrievals in Global NWP	Retrievals in Regional NWP	Radiances in Global NWP	Radiances in Regional NWP	External Web Data Monitoring
Australia			1D-Var	1D-Var	
Brazil	NESDIS	NESDIS			
Canada			4D-Var	3D-Var	YES (PWP)
China			3D-Var		
Denmark				3D-Var	YES
ECMWF			4D-Var		YES
France			4D-Var	3D-Var	YES
German (DWD)			1D-Var		Yes
Hungary				3D-Var	
Japan		NESDIS/JSMC	4D-Var		
New Zealand				3D-Var	
UK			4D-Var	3/4D-Var	YES
USA - NCEP			3D-Var	3D-Var	YES
USA-NRL	NESDIS (above model top)	NESDIS	3D-Var		YES

**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 uses 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. PWP indicates password protected.