

METEOROLOGICAL SATELLITE STATUS REPORT

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1. ABSTRACT

Satellite observations of the Antarctic are of critical importance to both research and operations. The last several years have seen many changes in both satellites available as well as the plans for future meteorological satellite systems. This presentation reviews the status of the dynamic meteorological satellites (Figure 1) as they pertain to the Antarctic. Reviews of polar orbiting and geostationary satellites will be followed up by discussion of relevant meteorological satellite communications such as the Argos system (Figure 2). Future and planned launches will also be discussed (e.g. Figures 3 and 4).

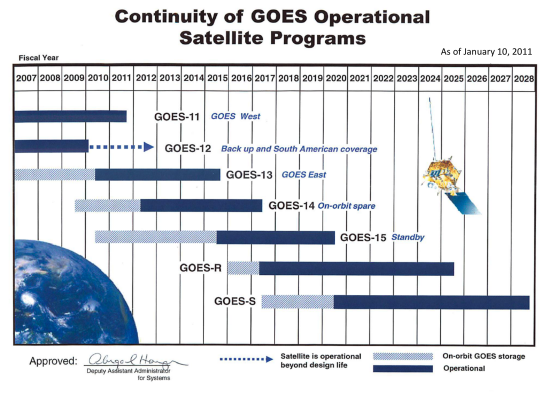


Figure 3. Status of the GOES satellite program (Courtesy of NOAA).

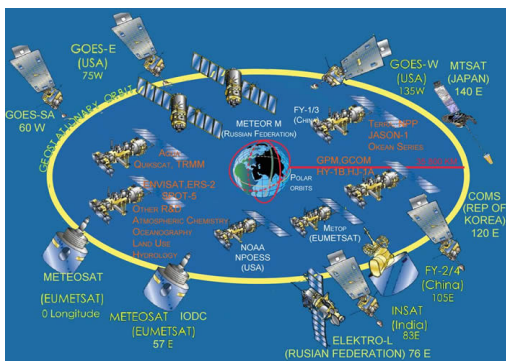


Figure 1. A snap shot of current meteorological satellites (Courtesy of WMO).

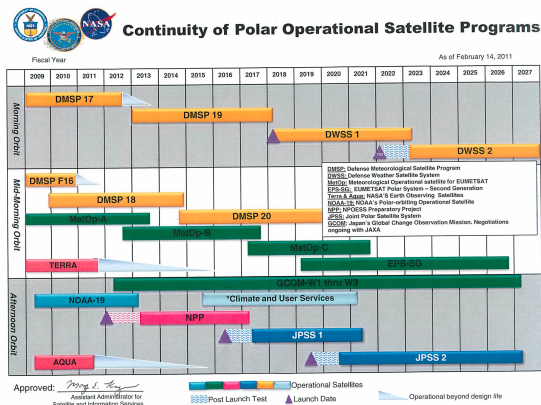


Figure 4. Status of the NOAA Polar orbiting satellite program (Courtesy of NOAA).

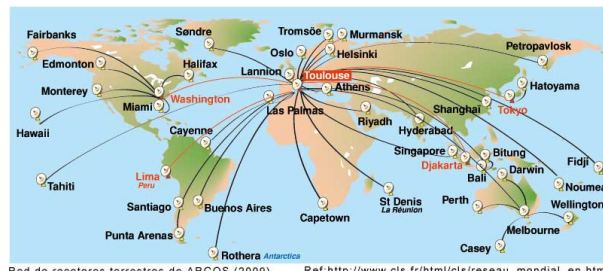


Figure 2. The CLS Argos ground station network circa 2009 (Courtesy of CLS).

2. ACKNOWLEDGEMENTS

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