

## GEN 3.5 METEOROLOGICAL SERVICE

### 1. Responsible service.

- 1.1 National Centre for Hydrology and Meteorology (NCHM) is the ~~authority~~ responsible for provision of Aviation Meteorological Service in Bhutan.  
Chief  
Weather and Climate Service Division  
National Centre for Hydrology and Meteorology,  
Thimphu  
Tele: 975-2-325151  
Email: sdorji@nchm.gov.bt  
AFTN: **VQPRYMYX**

- 1.2 The service is provided in accordance with the provisions contained in the following ICAO documents:

- a) Annex 3 - *Meteorological Service for International Air Navigation*;
- b) Doc 7030- *Regional Supplementary Procedures*.

### 2. Area of responsibility

- 2.1 Meteorological Service is restricted to provision of METAR and SIGMET at Paro International and three Domestic Airports.

### 3. Meteorological observation and reports

**Table GEN 3.5.1 Meteorological observation and report**

<i>Name of station/ Location indicator</i>	<i>Type &amp; frequency of observation/ automatic observation equipment</i>	<i>Type of MET report &amp; Supplementary Information included</i>	<i>Observation System &amp; Site(s)</i>	<i>Hours of operation</i>	<i>Clamatological</i>
1	2	3	4	5	6
PARO(VQPR)	Half hourly plus special observation	Plain Language METAR SPECI	Surface Wind sensor Temp. sensor Pressure sensor	HO	NIL

### 4. Type of services

- 4.1 Personal briefing and consultation for flight crew members are provided at Paro/International.
- 4.2 Paro:  
Current Weather and Terminal METAR are provided. ROFOR and TAF services are to be developed.

### 5. Notification required from operators

- 5.1 Notification from operator in respect of briefing, consultation, flight documentation and other meteorological information needed by them (ref. ICAO Annex 3, 2.3 )for which notification should be received at least 24 hours before the expected time of departure.

### 6. Aircraft reports

- 6.1 Pursuant to ICAO Annex 3, 5.3.1 the making and transmission of aircraft reports (AIREP) are required at the following ATS reporting points:  
PARO

**7. SIGMET service**  
**Table GEN 3.5.2 SIGMET service**

<i>Name of MWO/ Location Indicator</i>	<i>Hours</i>	<i>FIR or CTA Served</i>	<i>Type of SIGMET/validity</i>	<i>Specific procedures</i>	<i>ATS unit served</i>	<i>Additional information</i>
1	2	3	4	5	6	7
Paro Airport	NIL	Bhutanese airspace TO BE DEVELOPED			PARO	NIL

7.1 *General*

A small Meteorological Unit presently exist to provide current weather and significant weather observation to arriving and departing aircraft, data are derived from the Automated Weather Observation System (AWOS). Information like surface wind direction and speed, temperature, dew point and pressure are derived from the AWOS.

7.2 *Area meteorological watch service*

**TO BE DEVELOPED**

7.3 *Warning service*

7.3.1 Generally the warning is issued with the trend valid for two hours along with the issue of METAR

7.3.2 SIGMET information is disseminated by directed transmission to aircraft through ATC.

7.3.4 The information is provided to the ATC from the MET office.