

4. **Types of Services**

4.1. *Observational Data and Forecasts*

Routine and selected special observation reports on current weather, terminal aerodrome and landing forecasts with trend for Tribhuvan International Airport, forecasts for en-route weather condition and special weather warning for Kathmandu valley are issued.

4.2. *Met Briefing*

Oral briefing for current flight operation and for advance operational planning of international flights as well as for domestic flights is provided in person using displayed weather charts and satellite cloud pictures and other meteorological aids to the pilot-in-command or his representative prior to departure (in the Met. Forecasting Division O/A building, TIA).

4.3. *Flight Documentation*

Flight documentation consisting of Kathmandu aerodrome forecast and terminal forecasts for destination and alternate aerodromes in abbreviated tabular form together with tabular forecasts of en-route weather are issued.

4.4. *Relaying of Sigmat*

All Sigmat informations received from terminals outside Nepal are relayed to the out going aircraft in flight by the Met. office through ATS radio Channels.

5. **Notification Required from Operators**

Notification from operators in respect of briefing, consultation, flight documentation and other meteorological information needed by them (ref Annex 3, 2.3) is normally required sufficiently in advance for scheduled flights. However, no such notification is required subject to the provision of bi-lateral agreement. For non scheduled flights a prior notification should be made at least 24 hours before.

6. **Aircraft Reports**

6.1. Air reports at major ATS routes and aerodromes shall be made by all aircraft.

6.2. Special observations shall be made whenever the following weather phenomenon are encountered or observed-

- a) severe turbulence; or
- b) severer icing; or
- c) severe mountain wave; or
- d) thunderstorm without hail, that are obscured, embedded, widespread or in squall lines; or
- e) thunderstorm with hail, that are obscured, embedded, widespread or in squall lines; or
- f) heavy dust storm or heavy sandstorm; or
- g) volcanic ash cloud; or
- h) pre-eruption activity or a volcanic eruption