

## 1.0 WEATHER WARNING MESSAGES :

1.1 Arrangements exist with the Meteorological Department, Government of India for issuing fax and e-mail, whenever heavy rainfall or cyclone / storm / gales are expected. the conditions under which warnings are issued are detailed below:

- a) Amount of rainfall considered dangerous – 70 mm and above in 24 hours.
- b) Wind velocity considered dangerous – 65 Km and above per hour
- c) Period when warning will be given – throughout the year

## 2.0 TERMINOLOGY USED IN METEOROLOGICAL BULLETINS REGARDING CYCLONES:

### 2.1 Cyclones:

Type of Disturbance	Associated wind speed	
	Knots	Kmph
Low pressure Area	less than 17	30
Depression	17-27	30-50
Deep Depression	28-33	50-64
Cyclonic Storm	34-47	65-90
Severe Cyclonic Storm	48-63	90-120
Very Severe Cyclonic Storm	64-119	120-220
Super Cyclonic Storm	> 120	> 220
( 1 Knot = 1.85 Kmph )		

### 2.2 Intensity of Precipitation:

<u>Rainfall amount ( in mm, in 24 Hrs.)</u>	<u>Description</u>
Less than 1	Light rain
10 to 30	Moderate rain
31 to 60	Rather heavy rain
61 to 120	Heavy rain
> 120	Very heavy rain

### 2.3 Spatial Distribution:

The area over which, the phenomenon like rainfall is expected to occur:

- Isolated (At one or two places) : 25% or less of the total area under consideration
- At few places (Scattered) : between 25% & 50% of the total area.
- At many places (Fairly widespread): between 50% & 75% of the total area.
- At most places (Widespread) : more than 75% of the total area.