

BOMBAY IN THE GRIP OF ABNORMALLY HIGH TEMPERATURES IN  
FEBRUARY, 1949.

In the last week of February, 1949, Bombay had the uncomfortable experience of exceptionally high temperature, the highest recorded being  $101^{\circ}\text{F}$  on 27th February, 1949. The previous records are  $99^{\circ}\cdot 5\text{F}$  on 25-2-1945 and  $96^{\circ}\cdot 9\text{F}$  on 18-2-1946. The maximum temperatures recorded at Bombay between 26-2-1949 and 2-3-1949, their departures from normals and times of on-set of sea-breeze on those days are stated below :—

Date.	Maximum Temperature. (°F)	Departure. (°F)	Times of on-set of Sea-breeze. (IST)
1949			
February 26	87	+ 3	12-25
27	101	+17	15-40
28	92	+ 3	11-25
March 1	99	+15	13-45
2	89	+ 5	11-40
3	86	+ 2	08-45

The presence of a low pressure area on the Konkan-Kathiawar Coast helped the hot easterly wind from land to persist longer than usual; the delay in the on-set of the sea-breeze on 27-2-'49 was apparently due to this cause. This hot wind was responsible for the high maximum temperature of 101°F, reached about 20 minutes before the on-set of the sea-breeze.

The mean monthly range of temperature at Bombay in February is about 14°F. On 27-2-1949 and 1-3-1949 the range of temperature was 31°F and 27°F respectively.