

METEOROLOGICAL OBSERVATIONS.

1925.

Main Features of the Weather Experienced during the Year.

The highest temperature at the Valletta Station was 102.4°F on the 23rd August.

In the country, the highest temperature was registered at Casal Lia where on the 23rd August the thermometer in shade rose to 103.0°F.

The black thermometer in vacuo, on the 23rd August registered a temperature of 148.7°F.

The mean maximum temperature at the Valletta Station, for the months of June, July and August was 77.7°F.

The mean minimum temperature at the same Station for the months of January and February was equal to 55.7°F.

In the country, the lowest temperature was registered at Casal Lia, where on the 9th December, the minimum thermometer read 37.0°F and at C. Zeitun where on the 19th of the same month a temperature of 37.0°F was recorded.

The prevailing winds, as usual, were the westerly ones; the N.W. heading the list. The S.W. winds follow next. The S. and the E. winds were the least frequent of all.

The mean rainfall was 22.40 inches against 23.05 of the previous year. The number of days during which rain fell was 85 against 82 of the previous year. No rain fell during the months of July and August. The mean rainfall as deduced from the latest observations is equal to 21.5 inches.

The relative humidity at the Valletta Station varied from 100% on the 2nd and 6th November and on the 13th December, to a minimum of 39% on the 4th June. The mean relative humidity was equal to 75%.

STATION—VALLETTA, MALTA.

 $\lambda = 14^{\circ} 30'$ $\phi = 35^{\circ} 53'$

H = 185 ft.

Months	Mean Pressure	Air Temperature										Tension of Vapour				Relative Humidity			
		8 a.m.	2 p.m.	7 p.m.	Mean	Means of		Absolute Min. and Max.				2 a.m.	2 p.m.	7 p.m.	Mean	8 a.m.	12 p.m.	7 p.m.	Mean
						Min.	Max.	Min.	Date	Max.	Date								
								Min.	Date	Max.	Date								
January ...	30.359	53.5	57.3	54.5	55.1	48.0	64.4	48.0	24. 26	64.4	6th	0.295	0.311	0.315	0.308	72	67	73	71
February ...	30.084	54.2	59.2	55.5	56.3	51.9	60.7	43.2	3rd	74.8	27th	0.332	0.350	0.340	0.337	75	68	77	74
March ...	29.909	53.9	58.2	54.8	55.6	51.5	59.5	44.5	19th	70.3	28th	0.330	0.337	0.340	0.336	79	68	78	75
April ...	29.941	59.4	63.7	60.1	61.1	56.1	65.2	51.9	3rd	76.8	22nd	0.400	0.396	0.412	0.403	79	68	79	75
May ...	29.875	63.2	66.4	63.7	64.4	60.0	67.7	53.1	5th	75.7	26th	0.453	0.444	0.455	0.451	78	69	77	75
June ...	29.927	71.8	75.5	73.4	73.6	67.6	78.1	61.6	10th	88.9	19th	0.527	0.518	0.512	0.519	67	58	62	62
July ...	29.977	75.9	80.1	77.9	78.6	70.9	83.2	65.0	1st	92.1	25th	0.668	0.663	0.696	0.676	74	64	72	70
August ...	29.985	79.4	83.8	79.9	81.0	74.4	85.8	70.0	28th	102.4	24th	0.775	0.549	0.759	0.804	77	71	77	75
September ...	30.002	76.1	82.3	76.4	78.3	71.8	82.1	64.0	30th	95.8	11th	0.725	0.705	0.727	0.719	80	71	80	77
October ...	29.943	68.3	71.4	68.4	69.4	64.9	72.5	59.0	27th	78.6	13th	0.604	0.633	0.614	0.617	87	82	89	86
November ...	29.889	63.6	66.6	63.8	64.7	61.2	69.1	50.6	26th	75.1	13th	0.529	0.535	0.514	0.523	87	80	85	84
December ...	30.105	55.3	59.5	56.5	57.1	54.2	60.8	43.6	6th	71.8	22nd	0.370	0.388	0.382	0.380	83	75	82	80
Year ...	29.999	64.5	68.7	65.4	66.3	61.0	70.7	43.2	3rd Feb.	102.4	24th Aug.	0.501	0.510	0.508	0.506	75	70	78	75

 λ = The longitude of the station. ϕ = The latitude of the station.

H = Height above mean sea level

STATION—VALLETTA, MALTA.

Ht. = 71.

hr. = 54.

Months	Amount of Cloud				Rainfall			Weather No. of Days of							Wind—No. of Observations of (1 reading daily)								
	2 a.m.	2 p.m.	7 p.m.	Mean	Total	Max.	Days	Fog	Snow	Hail	Thunder storms	Clear Sky	Overcast	Gales	S.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm
January ...	6	5	4	5	1.33	0.28	10th	12	...	...	...	1	...	...	4	33	6	3	1	8	9	28	1
February ...	5	5	5	5	1.24	0.23	7th	9	...	3	1	4	4	...	...	7	...	15	3	17	11	30	1
March ...	6	6	5	6	5.97	2.94	20th	11	...	2	1	3	6	...	8	8	3	16	7	22	4	24	1
April ...	6	6	5	6	0.28	0.11	1st	6	...	...	...	3	5	...	3	5	1	27	5	12	3	34	...
May ...	6	6	6	6	1.52	1.02	11th	4	...	...	1	3	10	...	1	14	8	17	4	7	1	41	...
June ...	2	3	3	3	0.05	0.05	1st	1	...	...	...	16	2	...	9	9	8	8	6	8	...	42	...
July ...	2	1	1	1	...	...	...	...	...	...	...	23	...	...	17	7	11	10	1	2	4	41	...
August ...	1	1	1	1	...	...	...	...	...	...	...	26	...	...	13	7	6	4	3	12	4	43	1
September ...	1	3	1	2	0.13	0.05	4th	6	...	...	...	14	...	...	10	5	4	19	4	21	2	25	...
October ...	5	6	4	5	7.02	1.20	6th	15	...	...	2	1	6	...	2	20	6	13	1	18	11	22	...
November ...	8	7	3	7	3.28	1.51	6th	11	...	...	1	...	7	...	2	10	6	10	7	15	10	30	...
December ...	6	7	4	6	0.64	0.53	5th	3	...	1	...	2	5	...	2	2	...	...	1	26	14	48	...
Year ...	5	5	4	5	21.46	2.94	20th Mch.	85	...	6	6	104	51	...	71	127	59	142	43	168	73	408	4

ht = Height of the Therm. above the ground in feet.

hr. = Height of the Raingauge above the ground in feet.