

## METEOROLOGICAL OBSERVATIONS.

1926.

## Main Features of the Weather Experienced during the Year.

The highest temperature at the Valletta Station was 88.6 on the 25th June.

On the 25th June, at Casal Lia, a maximum temperature of 96 was registered.

The black thermometer in vacuo, on the 8th September recorded a temperature of 143°F.

The mean maximum temperature at the Valletta Station, for the months of June, July and August was 79.1°F.

The mean minimum temperature at the same Station for the months of January and February was 53.4°F.

On the 24th January, the minimum thermometer at Casal Lia, registered 35.6°F.

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

The mean rainfall over Malta for the period January-December, was 15.22 against 22.4 of the previous year. The number of days during which rain fell was 58 against 85 of the previous year. No rain fell during July and August. The mean rainfall as deduced from the latest observations equals 21.5 inches.

The relative humidity at the Valletta Station varied from 100% on the 15th and 23rd January and on the 3rd December, to a minimum of 53% on the 10th January. The mean relative humidity was equal to 80%.

## METEOROLOGICAL OBSERVATIONS, 1926.

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.	9 p.m.	7 p.m.	Mean	Means of		Absolute Min. and Max.				8 a.m.	2 p.m.	7 p.m.	Mean	8 a.m.	9 p.m.	7 p.m.	Mean
						Min.	Max.	Min.	Date	Max.	Date								
January ...	30.352	34.9	38.4	35.5	36.3	32.7	39.2	45.8	24th	67.3	13th	12.2	12.4	12.3	12.3	81	73	81	78
February ...	30.051	35.9	39.6	36.8	37.4	34.1	60.4	52.7	14th	59.9	11th	13.5	13.8	13.7	13.6	88	80	88	85
March ...	29.945	36.5	41.0	37.4	38.3	33.3	62.1	45.4	12th	72.0	23rd 26th	13.3	13.8	13.7	13.6	83	75	84	81
April ...	29.982	40.5	44.1	40.3	41.6	36.6	65.5	50.0	11th	72.0	26th	15.4	16.8	15.6	15.9	86	76	88	84
May ...	29.884	44.3	48.4	47.9	46.9	40.5	70.0	56.8	24th	79.0	9th	16.8	17.4	17.3	17.2	82	74	84	80
June ...	29.927	49.9	53.8	51.1	51.6	45.2	76.3	60.2	3rd	88.6	25th	20.1	21.1	20.6	20.6	81	73	80	78
July ...	29.943	53.3	58.3	55.2	55.6	49.3	80.3	65.2	1st	87.0	20th 21st	22.8	23.4	23.3	23.2	82	72	79	78
August ...	30.023	54.4	59.2	55.7	56.4	50.7	80.8	68.0	1-2-5	84.5	21st	24.0	24.5	24.6	24.4	83	73	82	79
September	30.068	54.9	59.9	56.1	56.3	51.9	81.4	61.0	30th	88.1	6th	25.0	25.9	26.3	25.7	85	75	85	82
October ...	30.056	51.6	55.7	51.8	53.0	48.1	77.1	60.0	28th	83.2	12th	21.9	21.9	22.1	22.0	83	71	83	79
November	30.029	47.9	51.2	48.0	49.0	45.4	72.1	56.0	29th	77.5	2nd	19.7	20.1	19.9	19.9	85	78	85	83
December	29.967	36.5	39.6	37.5	37.9	34.7	60.9	48.0	6th	68.2	1st	12.5	12.9	12.6	12.7	82	74	78	78
Year ...	30.019	45.1	48.9	46.1	46.7	41.9	70.5	45.4	12th March	88.6	25th June	18.1	18.7	18.5	18.4	83	75	83	80

 $\lambda$  = Longitude of Station. $\phi$  = Latitude of 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)								
	8 a.m.	2 p.m.	7 p.m.	Mean	Total	Max.	Date	Hail	Snow	Fog	Thunder storms	Clear Sky	Overcast	Gales	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calms
January ...	7	6	5	6	2.68	0.93	6th	13	...	2	...	3	8	2	...	8	4	4	...	22	12	45	...
February ...	7	7	5	6	0.92	0.47	13th	7	...	...	...	2	8	...	5	10	3	7	3	13	14	27	...
March ...	5	5	5	5	1.51	0.61	3rd	8	...	2	...	5	5	4	2	9	3	8	5	11	10	45	...
April ...	5	5	5	5	0.98	0.57	16th	4	...	...	...	4	4	...	2	15	2	19	3	11	13	25	...
May ...	5	4	4	4	0.83	0.62	24th	3	...	...	...	8	1	...	5	2	5	16	3	7	3	52	...
June ...	4	3	4	4	0.08	0.04	20th	1	...	...	...	10	1	...	12	13	5	7	2	3	6	42	...
July ...	2	2	1	2	...	...	...	...	...	...	...	16	...	...	3	6	4	6	1	10	15	48	...
August ...	2	1	2	2	...	...	...	...	...	...	...	18	...	...	9	18	1	3	4	6	15	54	1
September	3	4	2	3	1.11	0.60	30th	3	...	...	...	13	...	...	4	12	4	23	4	22	4	14	3
October ...	3	4	2	3	0.21	0.12	1st	2	...	...	...	8	...	...	...	8	2	15	4	11	16	23	14
November	5	5	3	5	3.69	2.86	6th	7	...	1	...	1	2	...	5	14	1	29	8	7	4	6	18
December	6	6	5	6	2.01	0.47	29th	10	...	1	1	4	2	...	2	8	1	7	1	16	17	34	7
Year ...	5	4	4	4	14.02	2.86	6th Nov.	58	...	6	1	92	31	6	47	123	37	146	38	139	129	393	43

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

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