

X<sub>x</sub>

METEOROLOGICAL OBSERVATIONS.

1918.

Long. 14° 39' 38" W.

Time: 0 h. 58' 3" ahead of Greenwich.

Temperature Scale used below: Fahrenheit.

STATION—VALLETTA, MALTA.

Lat. 35° 53' 48". Long. 14° 30' 38".

Hour of Observation. 0700 G. M. T.

Height above M. S. L.

Height above ground

Barometer  
Cistern... 193 ft.

— 64 ft.

Stevenson Screen  
Site ... 197 ft.

Bulbs ... 81 ft.

Raingauge  
Site ... 194 ft.

Rim ... 8/12 ft.

Anemometer  
Head: ... 207 ft.

78 ft.

1918	Mean Pressure		Temperature 0700 G.M.T.	Humidity			Amount of Cloud 0-10	Number of days of		Wind—Number of observations										
	At Station Level at hours of observa- tion	Different from Normal		Depression of Wet Bulb	Vapour Pressure	Percentage		Clear sky	Overcast	Wind Force 8 and above	Strong Wind (4-7)	Calm	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
January ...	mb. 1024.6	mb. + 6.9	° 53.5	mb. 2.9	mb. 11.2	% 80.3	5	5	8	—	5	1	2	2	3	1	4	10	—	8
February ...	1025.0	+ 9.5	52.5	3.2	10.5	78.0	6	3	11	—	7	3	—	5	2	3	—	3	—	12
March ...	1015.0	+ 3.0	54.2	3.0	11.5	80.7	5	1	7	—	10	3	—	2	4	6	—	5	2	11
April ...	1013.0	- 0.2	59.0	3.0	14.2	81.0	5	5	11	—	9	3	—	3	10	2	1	1	1	10
May ...	1014.8	- 0.6	65.3	4.2	16.3	77.0	2	16	3	—	7	2	1	1	2	4	1	1	1	18
June ...	1015.9	- 0.7	69.0	3.4	19.3	65.0	5	10	5	—	11	1	—	4	3	4	1	3	1	13
July ...	1015.2	- 2.5	76.4	4.5	22.7	77.0	3	13	3	—	2	5	—	1	1	5	—	—	1	17
August ...	1016.3	- 0.4	75.1	4.7	22.7	76.6	3	13	3	—	3	4	3	1	—	2	—	—	4	17
September ...	1016.1	- 1.8	76.3	4.2	23.4	77.0	2	17	4	—	4	15	—	—	2	2	1	3	7	
October ...	1013.5	- 3.9	68.2	3.3	19.3	81.8	6	2	13	—	8	3	1	5	—	7	2	3	3	7
November ...	1015.4	- 3.0	62.4	3.1	16.3	85.4	7	—	12	—	4	2	1	3	1	8	—	5	2	9
December ...	1015.9	+ 0.1	56.3	2.3	13.2	85.1	5	3	8	—	6	7	1	2	—	1	—	3	6	11
Year Totals ...	...	...	...	...	...	...	...	88	88	—	76	49	9	26	19	53	12	33	24	140
Means ...	1016.7	+ 0.5	64.1	3.5	16.7	78.7	4.5	—	—	—	—	—	—	—	—	—	—	—	—	—

Summary of Observations at fixed hours, Year 1918.

## STATION—VALLETTA, MALTA.

Lat. 35° 53' 48"

Observation at 0700 G.M.T.

Height { site of rain-gauge } H = 184 ft. Heights { above } Therms h<sub>1</sub> = 197 ft; Sun Recorder, h<sub>2</sub> = 192 ft; Rain-gauge h<sub>3</sub> = 194 ft.  
 { above Mean Sea Level }

1918	Air Temperature in Degrees Fahrenheit											High- est Wet Ball	Rainfall				Weather, Number of day of							Bright Sunshine					
	Means of		Max. and Min. Com- bined	Diff. from normal	Absolute Extremes								Total	Diff. from normal	Max.	Day	Precipitation	Diff. from normal	Snow	Hail	Thunder-storm	Fog	Ground-frost	Gale force 8 or more	Daily mean	Total	Per Centum	Total possible	
	Max.	Min.			High- est Max.	Day	Low- est Min.	Day	Low- est Max.	Day	High- est Min.																		Day
January ...	59°0	50°9	54°9	+1·4	64·6	25th	40·5	7th	49·3	11th	56·0	9th	58·1	11·2	-71·95	7·6	31	4	-10	-	1	2	1	1	-	5·8	180	64	283
February ...	57·3	50·1	53·8	+0·9	61·9	25th	45·6	18th	50·4	20th	54·5	12th	54·3	27·4	-53·5	7·6	2	10	-1	-	2	-	1	-	5·0	140	48	290	
March ...	59·5	51·5	55·5	+0·1	64·4	27th	48·5	22nd	55·0	20th	66·7	28th	58·1	139·4	+180·6	54·8	13	12	+4	-	2	2	-	-	6·2	192	54	356	
April ...	64·7	55·9	60·3	+1·2	71·8	20th	52·0	10th	61·2	5th	60·0	27th	62·6	7·6	-15·8	2·3	8	3	-3	-	2	-	-	-	7·6	228	60	377	
May ...	70·7	60·7	65·7	+0·9	78·3	26th	56·2	1st	64·0	10th	68·8	26th	64·4	5·1	-6·4	5·1	20	1	-2	-	2	-	-	-	10·3	3·9	78	407	
June ...	75·9	65·0	70·4	-0·8	88·7	29th	61·2	1st	69·4	14th	70·0	18th, 29th	69·8	4·0	+1·7	2·5	9	3	+2	-	-	-	-	-	9·9	297	69	426	
July ...	79·6	72·6	76·1	-0·7	93·6	23rd	67·3	8th	73·4	8th	78·0	19th	76·1	-	-0·04	-	-	-	-	-	-	-	-	-	10·4	322	73	438	
August ...	81·8	71·9	76·8	-1·1	86·0	31st	68·5	25th	77·2	16th	74·5	4th, 6th	74·8	-	-	-	-	-	-	-	-	-	-	-	11·3	350	85	412	
September ...	85·1	72·5	78·8	+2·1	95·0	8th	61·0	29th	75·2	30th	76·5	23rd	75·1	20·3	-12·7	12·7	29	2	-2	-	4	-	-	-	9·6	288	78	369	
October ...	73·9	65·7	69·8	-0·1	86·0	1st	57·0	10th	66·2	11th	72·0	2nd	73·8	108·6	-2·0	64·0	5	9	+1	-	4	-	-	-	5·9	185	53	348	
November ...	67·3	58·9	63·1	+0·9	77·0	9th	52·0	30th	59·0	30th	65·5	7th	68·9	118·6	+20·3	42·6	16	14	+1	-	2	5	-	-	5·2	156	51	305	
December ...	61·1	53·1	57·1	+0·9	66·6	10th	48·0	2nd	56·3	3rd	58·0	10th	60·8	93·7	-0·3	31·0	13	14	+1	-	1	3	-	-	5·7	177	61	291	
Totals ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	72	...	...	6	26	1	2	...	2834	...	4302	
Means ..	69·7	60·7	65·2	+0·4	...	...	...	...	...	...	...	...	...	535·9	+3·3	...	...	...	-0·7	...	...	...	...	...	7·7	...	64	...	
Extremes ...	...	...	...	...	95·0	8th Sept.	40·5	7th Jan.	49·3	11th Jan.	78·0	19th July	76·1	...	...	64·0	5 Oct.	...	...	...	...	...	...	...	...	...	...	...	...

## Summary of Meteorological Observations in Matta, 1918.

## Station at ARGOTTI, FLORIANA.

1918	Bar.	Dry Bulb	Wet Bulb	Max.	Min.	Mean	Abs. Max.	Day	Abs. Min.	Day	Rainfall	No. of Days	Greatest Fall	Day
January ... ..	30'264	51'0	49'2	58'0	48'2	53'1	59'0	16th	40'7	1st	0'26	2	0'30	16th
February ... ..	30'346	49'0	46'6	57'6	44'2	50'9	66'0	7th	40'0	10th	1'62	10	0'80	1st
March ... ..	30'016	53'1	50'2	59'2	46'6	52'9	66'2	28th	41'0	21st	5'05	13	0'73	1st
April ... ..	29'950	59'9	56'8	66'4	52'8	59'6	74'0	19th	45'0	11th	0'29	2	0'20	9th
May ... ..	30'010	66'3	60'4	72'8	57'4	65'1	79'0	11th	50'0	1st	0'20	...	...	...
June ... ..	30'024	70'2	66'8	77'6	63'2	70'4	85'0	30th	58'0	1st	0'68	2	0'40	10th
July ... ..	29'988	75'2	70'2	76'6	65'8	71'2	91'0	27th, 31st	65'0	1st	...	...	...	...
August ... ..	30'042	76'4	72'1	83'2	68'2	75'7	91'0	31st	62'0	25th	...	...	...	...
September ... ..	30'069	75'8	72'4	84'6	67'8	76'2	90'0	3rd, 22nd	61'2	29th	0'76	2	0'49	30th
October ... ..	29'988	67'4	64'6	75'4	62'2	68'8	85'0	5th	58'0	28th	3'72	7	2'49	5th
November ... ..	30'016	60'8	58'2	66'5	55'6	61'0	76'2	6th	47'0	23rd	4'69	17	1'68	16th
December ... ..	30'045	54'2	52'0	60'2	48'8	54'5	68'0	9th, 11th	45'0	30th	2'95	9	0'91	13th
Sums ... ..	...	...	...	...	...	...	...	...	...	...	20'22	64	...	...
Means ... ..	30'063	63'3	59'9	69'8	56'7	63'3	...	July 27th, Aug. 31st	...	...	...	...	...	...
Extremes ... ..	...	...	...	...	...	...	91'0	Aug. 31st	40'0	10th Feb.	...	...	2'49	5th Oct.

## Station at CASAL LIA.

January ... ..	30'253	51'3	48'5	58'7	45'0	51'8	62'9	25th	35'0	6th	0'62	3	0'47	31st
February ... ..	30'218	49'7	47'3	58'4	43'4	50'9	64'7	25th	37'5	22nd	2'08	5	0'24	16th
March ... ..	29'985	53'4	50'5	61'4	40'3	53'8	66'3	27th	40'7	31st	5'79	10	1'61	1st
April ... ..	29'920	61'0	57'1	67'6	51'6	59'6	73'0	28th	44'9	11th	0'31	2	0'22	8th
May ... ..	29'970	68'4	61'9	75'5	56'7	66'1	84'7	23rd	46'6	1st	0'20	1	0'20	20th
June ... ..	29'994	72'2	65'3	79'5	61'3	70'4	88'7	29th	49'9	9th	0'19	1	0'19	9th
July ... ..	29'995	78'8	73'2	87'9	70'2	79'0	94'7	26th	63'2	6th	...	...	...	...
August ... ..	30'007	77'5	72'1	85'0	67'4	76'2	90'0	28th	62'0	26th	...	...	...	...
September ... ..	30'050	78'3	72'0	86'4	67'7	77'0	98'9	22nd	62'1	17th	1'17	2	0'75	28th
October ... ..	29'971	68'3	66'3	75'4	59'2	67'5	84'6	2nd	52'5	22nd	3'01	4	1'52	4th
November ... ..	29'989	60'3	58'9	68'5	53'8	61'1	84'6	2nd	42'1	22nd	4'15	12	0'55	27th
December ... ..	30'030	53'4	51'2	60'0	48'3	54'1	64'9	27th	42'1	30th	3'31	8	0'80	10th
Sums ... ..	...	...	...	...	...	...	...	...	...	...	20'83	48	...	...
Means ... ..	30'032	64'4	60'3	72'0	55'9	63'9	...	...	...	...	...	...	...	...
Extremes ... ..	...	...	...	...	...	...	98'9	22nd Sept.	35'0	6th Jan.	...	...	1'61	1st March



## Summary of Meteorological Observations in Malta, 1918.

## Station at ZEITUN.

1918	Bar.	Dry Bulb	Wet Bulb	Max.	Min.	Mean	Abs. Max.	Day	Abs. Min.	Day	Rainfall	No. of Days	Greatest Fall	Day
January ... ..	30'267	51'3	48'8	61'4	46'6	54'0	66'3	24th	38'8	7th	1'62	3	1'29	5th
February ... ..	30'245	49'0	46'4	58'0	44'8	51'4	69'8	25th	38'8	19th	1'05	9	0'44	2nd
March ... ..	30'012	53'2	50'9	63'2	...	...	67'8	28th	42'3	9th	4'14	9	0'76	13th
April ... ..	29'947	60'3	57'3	66'9	53'4	60'1	72'0	18th	41'3	4th	0'12	1	0'12	17th
May ... ..	29'998	66'1	62'0	73'1	57'2	65'1	84'3	25th	51'3	14th	0'20	1	0'20	18th
June ... ..	30'021	70'9	67'3	78'3	63'3	70'9	89'8	17th	56'0	3rd	0'26	2	0'16	9th
July ... ..	29'017	73'6	69'8	83'7	63'6	74'6	93'3	23rd	62'4	6th	...	...	...	...
August ... ..	30'051	76'9	70'9	83'9	67'1	73'3	92'0	28th	60'8	25th	...	...	...	...
September ... ..	30'067	73'6	70'3	85'0	67'7	76'6	94'3	23rd	60'0	17th	0'60	2	0'48	29th
October ... ..	30'046	67'9	64'4	75'3	62'3	69'0	92'3	1st	56'3	29th	1'97	6	0'81	5th
November ... ..	30'014	61'7	58'9	67'1	53'3	61'2	74'3	4th, 5th	46'0	28th	3'55	10	2'23	16th
December ... ..	30'007	54'7	52'2	62'2	48'6	55'4	67'0	10th	41'3	30th	3'67	9	0'80	13th
Sums ... ..	...	...	...	...	...	...	...	...	...	...	19'18	52	...	...
Means ... ..	29'974	63'8	59'9	71'6	57'3	64'9	...	...	...	...	...	...	...	...
Extremes ... ..	...	...	...	...	...	...	95'3	23rd July	41'3	4th April, 30th Dec.	...	...	2'23	16th Nov.

## Station at ZURRIK.

January ... ..	30'495	51'4	48'3	58'3	46'7	52'6	63'3	24th	41'3	12th	0'37	4	0'23	27th
February ... ..	30'326	49'1	46'7	58'0	43'9	50'9	63'3	27th	39'0	19th	0'88	7	0'32	2nd
March ... ..	29'982	53'2	50'5	60'0	47'0	53'3	66'0	28th	43'0	22nd	4'73	10	1'35	13th
April ... ..	29'865	60'0	56'4	63'9	52'1	59'0	74'0	22nd	46'0	4th	0'36	2	0'20	19th
May ... ..	29'997	67'2	60'7	73'6	56'1	64'8	85'3	25th	46'0	12th	0'49	3	0'26	20th
June ... ..	30'063	71'3	66'4	77'1	61'8	69'4	88'0	30th	57'0	3rd	0'23	2	0'20	9th
July ... ..	30'001	79'6	73'4	86'6	68'6	77'6	95'0	19th	62'3	6th	...	...	...	...
August ... ..	30'031	76'8	73'4	84'4	67'6	76'0	94'0	28th	64'0	17th, 18th	...	...	...	...
September ... ..	30'009	77'0	73'8	85'6	69'3	77'3	99'0	23rd	62'0	29th	0'60	2	0'35	28th
October ... ..	29'986	67'1	63'3	74'0	62'3	68'2	82'3	3rd	53'3	31st	2'41	7	0'60	10th
November ... ..	30'010	60'2	59'3	66'0	56'2	61'1	74'0	3th	48'3	23rd	4'33	14	1'30	16th
December ... ..	30'027	53'8	51'6	60'9	50'0	55'4	68'0	13th	44'3	29th	3'02	7	1'16	11th
Sums ... ..	...	...	...	...	...	...	...	...	...	...	19'86	58	...	...
Means ... ..	30'058	63'9	60'0	62'3	56'8	63'8	...	...	...	...	...	...	...	...
Extremes ... ..	...	...	...	...	...	...	99'0	23rd Sept.	39'0	19th Feb.	...	...	1'55	13th March

Summary of Meteorological Observations in Malta, 1918.

Station at NOTABLE.

1916	Bar.	Dry Bulb	Wet Bulb	Max.	Min.	Mean	Abs. Max.	Day	Abs. Min.	Day	Rainfall	No. of Days	Greatest Fall	Day
January ... ..	30'288	50'8	30'0	51'0	47'3	49'1	57'5	9th	38'3*	7th	0'51	3	0'20	5th
February ... ..	30'353	48'9	48'3	48'9	46'6	47'7	53'1	26th	43	17th, 18th	1'51	9	0'75	2nd
March ... ..	30'001	52'1	51'4	52	47'7	49'8	57'1	26th	41'3	31d	5'78	13	1'17	13th
April ... ..	29'964	57'9	56'8	62'8	57'7	60'2	62'0	27th	45'0	2nd	0'62	5	0'35	8th
May ... ..	30'000	64'0	65'4	64'2	57'6	60'9	70'5	23rd	53'5	5th	0'29	1	0'29	20th
June ... ..	30'013	68'7	67'5	68'6	62'5	65'5	79'3	27th	58'2	4th	0'25	2	0'17	6th
July ... ..	30'001	76'5	69'2	76'2	67'8	73'2	84'7	18th	63'8	8th	...	...	...	...
August ... ..	30'039	73'9	70'4	73'5	68'4	70'9	78'6	28th	66'0	18th	...	...	...	...
September ... ..	30'174	75'5	71'6	75'4	68'9	72'1	85'8	22nd	62'0	29th	0'57	2	0'35	28th
October ... ..	29'919	67'2	63'8	66'6	62'8	64'7	72'4	2nd	54'8	28th	3'20	8	1'19	30th
November ... ..	29'991	59'8	57'9	59'5	53'6	56'5	67'3	5th	50'0	30th	5'48	15	1'30	16th
December ... ..	30'073	53'9	52'2	53'5	49'4	51'4	58'5	10th	42'8	21st	4'63	15	1'05	11th
Sums ... ..	...	...	...	...	...	...	...	...	...	...	22'84	73	...	...
Means ... ..	30'068	62'4	60'2	62'7	57'7	59'3	...	...	...	...	...	...	...	...
Extremes ... ..	...	...	...	...	...	...	85'8	22nd Sept.	41'3	3rd March	...	...	1'30	16th Nov.

Station at NAXARO.

January ... ..	30'272	51'6	50'0	58'7	47'0	52'8	63'3	23rd	40'0	1st	1'02	2	0'83	31st
February ... ..	30'353	48'9	48'3	48'9	46'6	47'7	53'0	24th	43'0	17th	1'51	9	0'75	2nd
March ... ..	30'052	53'6	51'5	59'6	46'4	53'0	65'0	27th	44'5	21st	5'31	13	1'43	1st
April ... ..	29'949	58'0	56'4	64'7	51'0	57'8	69'5	16th	46'0	4th	0'60	5	0'38	8th
May ... ..	30'001	64'8	61'1	70'8	54'0	62'4	76'0	26th	46'0	27th	0'25	1	0'25	20th
June ... ..	30'026	69'0	66'1	75'0	59'4	67'6	85'0	19th	53'0	2nd	0'23	2	0'20	9th
July ... ..	30'009	72'0	71'8	84'5	66'3	75'4	91'5	27th	62'0	6th	...	...	...	...
August ... ..	30'009	74'6	72'0	82'5	65'7	74'1	87'0	28th	60'0	24th	...	...	...	...
September ... ..	30'038	76'6	74'0	84'4	60'8	72'6	96'7	25th	60'0	3rd	1'58	2	0'98	28th
October ... ..	30'906	66'7	64'0	72'6	60'3	66'4	80'0	2nd, 3rd	54'0	31st	3'69	8	1'39	5th
November ... ..	30'003	60'2	58'8	66'7	54'2	60'4	75'5	9th	47'0	30th	4'49	14	1'07	16th
December ... ..	30'059	54'5	52'8	60'9	48'5	54'7	69'3	11th	44'0	3rd	4'22	10	1'05	11th
Sums ... ..	...	...	...	...	...	...	...	...	...	...	22'90	66	...	...
Means ... ..	30'141	62'5	60'5	69'1	55'0	62'8	...	...	...	...	...	...	...	...
Extremes ... ..	...	...	...	...	...	...	96'7	25th Sept.	40'0	1st Jan.	...	...	1'45	1st March