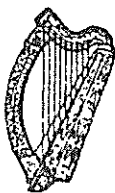


METEOROLOGICAL SERVICE



14 APR 1982

AGROMETEOROLOGICAL BULLETIN

MARCH 1982

The Weather of March

Southwesterly winds dominated from 1st to 10th and were strong and gusty on most days. Gale to strong gale force winds were general on the 2nd in particular and gusts exceeding 50 kts were recorded at most stations, reaching a maximum of 90 kts at Malin Head. Blustery to gale force winds were also widespread on the 10th and 12th. There were frequent spells of heavy rain throughout the period. As conditions were changeable, however, ground frost occurred frequently and air frost also developed in some inland places on the 5th and 7th. Falls of snow occurred on the 8th.

During the second decade, the airflow varied between southwest and northwest, continuing strong and gusty. Daily rainfall amounts were large and conditions were thundery on the 12th and 15th. Amounts of precipitation during both decades were least in eastern and southeastern areas. As pressure began to rise towards the end of the second decade, the wind moderated and daily rainfall became generally smaller.

In marked contrast to the preceeding conditions, as high pressure began to dominate, the spell from the 22nd to the end of the month was dry and sunny. Radiative cooling at night, however, and the harsh north to northeast winds, which became predominant towards the end of the month, resulted in frequent night time frost. In particular air frost occurred from the 26th to 28th and ground frost became severe at some stations on the 27th and 28th.

Monthly Amounts of Precipitation were well above normal except in parts of the east and south. Amounts varied from 208% of normal at Ballinrobe to 90% of normal at Dublin Airport. In general wettest days everywhere occurred on the 6th and 9th. It was also especially wet in the west and south on the 2nd and in the south and east on the 14th. Soil moisture surpluses were large in all areas in the first two decades but modest deficits developed in some areas by the end of the month.

Mean Monthly Air Temperature was below normal almost everywhere, ranging from 0.7°C below normal at Valentia to 0.1°C above normal at Dublin Airport. Soil temperature (100 mm) varied from 0.2°C below normal at Valentia to 0.4°C above normal at Claremorris. Accumulated mean air temperatures, with threshold 4.4°C, varied from 62% of average at Malin Head to 99% of average at Valentia.

Mean Duration of Bright Sunshine was above normal everywhere except in the west. Values varied from 154% of normal at Dublin Airport to 81% of normal at Belmullet. Global solar radiation values were 25% above average at Dublin Airport but values at Birr were only 5% above average.

Strong Winds and Gale Gusts occurred frequently from 1st to 19th. Gusts of over 50 kts were reported in all areas on 2nd and 12th and in most places on 3rd, 10th and 11th.

Summary The weather was very wet everywhere up to 21st, thereafter it was dry and sunny with night frost. Air temperatures were below normal.

*See page 8 for the annual 5-day mean soil temperature at Dublin Airport.

The data contained in this Bulletin are provisional. Some of the material in Table 1 will be published in its final form later in the Monthly Weather Report; final values of Solar Radiation at stations; marked "e" in Table 2 will be published in the Annual Summary of Solar Radiation.

TABLE 1

March 1982

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C												BRIGHT SUNSHINE		WIND			
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAYS	AIR						GROUND		SOIL (10 CM)		MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (ms ⁻¹)	DAYS WITH GALE GUSTS				
						MEAN MAX.	MEAN MIN.	MEAN DAILY	AND	DIFFERENCE FROM AVERAGE	LOWEST MIN.	DATE	DAYS WITH AIR FROST	DEGREE DAYS ABOVE 4.4°C	DEGREE DAYS ABOVE 10.0°C					LOWEST "GRASS-MIN."	DATE	DAYS WITH GROUND FROST	MEAN DAILY
Carlow (Oak Park) Co. Carlow	1-10	37.8	/	9	9	9.2	2.4	5.8	/	-1.5	07	2	14	0	-5.7	07	5	/	/	3.46	/	/	/
	11-20	28.2	/	8	7	9.1	2.3	5.7	/	0.7	11	0	13	0	-1.6	16	5	/	/	4.90	/	/	/
	21-end	0.0	/	0	0	11.9	2.2	7.1	/	-1.8	27	1	31	0	-4.8	27	8	/	/	5.88	/	/	/
	Month	66.0	/	17	16	10.1	2.3	6.2	/	-1.8	27	3	58	0	-5.7	07	18	/	/	4.78	/	/	/
Shannon Airport Co. Clare	1-10	55.6	-	10	8	10.1	3.5	6.8	-	1.5	07	0	24	0	-4.0	07	2	6.3	-	3.03	-	8	6
	11-20	62.6	-	10	9	9.6	2.8	6.2	-	1.0	18	0	18	0	-4.1	18	3	5.7	-	3.75	-	8	8
	21-end	0.0	-	0	0	12.3	4.9	8.6	-	1.8	27	0	43	1	-2.5	22	5	8.2	-	5.39	-	4	1
	Month	118.2	207	20	17	10.7	3.8	7.3	-0.1	1.8	27	0	85	1	-4.1	18	10	6.8	-0.2	4.10	119	7	15
Fermoy (Moore Park) Co. Cork	1-10	48.2	-	9	7	9.8	2.6	6.2	/	-3.2	07	2	18	0	-9.3	07	6	/	/	3.09	/	5	/
	11-20	55.4	-	9	8	9.7	1.4	5.6	/	-2.2	18	2	12	0	-8.4	18	8	/	/	2.83	/	5	/
	21-end	0.0	-	0	0	11.9	3.0	7.5	/	0.0	22	0	38	0	-5.0	22	8	/	/	5.08	/	2	/
	Month	103.6	136	18	15	10.5	2.3	6.4	/	-3.2	07	4	68	0	-9.3	07	22	/	/	3.71	/	4	/
Mallow Co. Cork	1-10	60.1	-	9	8	9.7	2.4	6.1	/	-3.5	07	2	17	0	-5.3	07	6	/	/	2.53	/	/	/
	11-20	67.5	-	10	10	9.5	1.5	5.5	/	-1.1	16	3	11	0	-5.4	18	7	/	/	3.30	/	/	/
	21-end	0.0	-	0	0	12.0	3.6	7.8	/	0.5	22	0	39	0	-3.5	29	7	/	/	4.90	/	/	/
	Month	127.6	150	19	18	10.5	2.5	6.5	/	-3.5	07	5	67	0	-5.4	18	20	/	/	3.62	/	/	/
Roche's Point Co. Cork	1-10	35.8	-	9	7	9.7	3.7	6.7	-	2.3	07	0	23	0	-0.4	07	1	7.1	-	3.84	-	9	8
	11-20	59.5	-	9	7	9.5	3.5	6.5	-	1.1	11	0	21	0	0.6	11	0	6.7	-	4.10	-	8	9
	21-end	0.0	-	0	0	11.2	5.6	8.4	-	2.5	28	0	44	0	0.5	23	0	9.1	-	5.94	-	4	1
	Month	95.3	129	18	14	10.2	4.3	7.3	-0.3	1.1	11	0	88	0	-0.4	07	1	7.7	+0.3	4.67	136	7	18
Glencolumbkille Co. Donegal	1-10	89.9	/	10	9	8.7	3.2	6.0	/	1.0	09	0	16	0	-4.7	05	4	/	/	2.86	/	6	/
	11-20	85.7	/	10	10	8.0	2.1	5.1	/	0.9	11	0	8	0	-3.3	20	7	/	/	2.82	/	6	/
	21-end	1.5	/	4	0	11.6	4.9	8.3	/	3.5	28	0	39	2	-3.0	28	6	/	/	4.39	/	3	/
	Month	177.1	/	24	19	9.5	3.4	6.5	/	0.9	11	0	63	2	-4.7	05	17	/	/	3.39	/	5	/
Glenties Co. Donegal	1-10	113.2	-	9	9	8.6	2.2	5.4	/	-1.5	05	2	10	0	-5.8	05	6	/	/	3.23	/	/	/
	11-20	75.7	-	10	10	8.1	1.0	4.6	/	-1.0	20	1	4	0	-3.6	20	8	/	/	2.92	/	/	/
	21-end	3.6	-	3	2	12.5	3.1	7.8	/	-0.5	27	1	40	1	-5.0	27	8	/	/	4.55	/	/	/
	Month	192.5	198	22	21	9.8	2.2	6.0	/	-1.5	05	4	54	1	-5.8	05	22	/	/	3.60	/	/	/

Notes on the tables in January issue

TABLE 1 (Continued)

March 1982

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C												BRIGHT SUNSHINE		WIND			
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAYS	AIR						GROUND		SOIL (10 CM)		MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (ms ⁻¹)	DAYS WITH GALE GUSTS				
						MEAN MAX.	MEAN MIN.	MEAN DAILY	AND DIFFERENCE FROM AVERAGE	LOWEST MIN.	DATE	DAYS WITH AIR FROST	DEGREE DAYS ABOVE 4.4°C	DEGREE DAYS ABOVE 10.0°C	LOWEST "GRASS-MIN."					DATE	DAYS WITH GROUND FROST	MEAN DAILY	DIFFERENCE FROM AVERAGE
Malin Head Co. Donegal	1-10	58.3	-	9	9	8.4	2.6	5.5	-	1.0	07	0	12	0	-2.4	07	2	5.4	-	3.01	-	10	9
	11-20	62.6	-	10	9	7.5	1.8	4.7	-	0.1	11	0	5	0	-2.2	20	6	4.8	-	3.63	-	9	9
	21-end	1.6	-	3	0	10.8	4.9	7.8	-	3.5	27	0	38	0	-1.0	26	2	7.9	-	4.29	-	6	3
	Month	122.5	201	22	18	8.9	3.2	6.1	-0.5	0.1	11	0	55	0	-2.4	07	10	6.1	+0.0	3.66	104	8	21
Casement Aerodrome Co. Dublin	1-10	32.8	-	9	7	9.6	1.3	5.4	-	-1.8	05	2	12	0	-5.2	05	4	5.2	-	3.35	-	9	10
	11-20	26.8	-	10	6	9.0	1.8	5.4	-	0.4	12	0	10	0	-1.5	13	6	4.8	-	4.12	-	9	8
	21-end	0.1	-	0	0	11.6	2.1	6.9	-	-1.6	30	3	28	0	-5.8	30	7	6.7	-	6.49	-	4	2
	Month	59.7	122	19	13	10.1	1.7	5.9	-0.5	-1.8	05	5	50	0	-5.8	30	17	5.6	-	4.71	134	7	20
Dublin Airport Co. Dublin	1-10	23.4	-	9	6	10.0	2.6	6.3	-	-0.5	07	1	19	0	-5.8	05	3	5.6	-	4.09	-	7	8
	11-20	21.4	-	9	6	9.1	2.3	5.7	-	0.8	11	0	13	0	-1.0	11	3	5.2	-	5.14	-	8	7
	21-end	0.2	-	1	0	11.6	3.1	7.4	-	-1.3	27	1	34	1	-3.5	27	6	7.8	-	7.01	-	4	1
	Month	45.0	90	19	12	10.3	2.7	6.5	+0.1	-1.3	27	2	66	1	-5.8	05	12	6.3	+0.1	5.46	154	6	16
Kinsealy Co. Dublin	1-10	25.0	-	8	6	9.7	2.9	6.3	/	-4.1	07	2	19	0	-5.5	07	4	/	/	4.09	/	6	/
	11-20	23.5	-	8	7	9.3	2.0	5.7	/	-0.1	13	1	13	0	-4.0	13	7	/	/	5.21	/	6	/
	21-end	0.0	-	0	0	11.2	2.7	7.0	/	-1.3	26	1	29	0	-7.6	26	8	/	/	6.83	/	3	/
	Month	48.5	103	16	13	10.1	2.5	6.3	/	-4.1	07	4	61	0	-7.6	26	19	/	/	5.42	/	5	/
Galway Co. Galway	1-10	59.1	-	9	9	9.5	2.8	6.1	-	-0.6	07	1	17	0	-4.4	07	2	6.3	-	3.93	-	7	5
	11-20	56.1	-	10	9	9.2	2.3	5.7	-	0.5	12	0	13	0	-4.4	18	4	5.5	-	4.11	-	7	8
	21-end	0.2	-	1	0	12.2	4.0	8.1	-	0.9	27	0	41	0	-2.2	30	4	8.8	-	5.30	-	3	0
	Month	115.4	165	20	18	10.3	3.0	6.7	-0.6	-0.6	07	1	71	0	-4.4	18	10	6.9	-	4.47	124	6	13
Killarney (Muckross Hse) Co. Kerry	1-10	89.2	/	10	10	9.9	2.8	6.4	/	-0.1	07	1	20	0	-4.0	07	3	/	/	2.35	/	/	/
	11-20	69.0	/	10	10	9.5	2.8	6.2	/	0.6	16	0	18	0	-2.1	18	6	/	/	2.72	/	/	/
	21-end	1.0	/	2	0	12.0	4.5	8.3	/	-0.8	26	2	43	1	-3.9	30	6	/	/	5.69	/	/	/
	Month	159.2	/	22	20	10.5	3.4	7.0	/	-0.8	26	3	81	1	-4.0	07	15	/	/	3.65	/	/	/
Cahiriveon (Valentia Quay) Co. Kerry	1-10	87.7	-	10	9	10.6	4.2	7.4	-	0.5	07	0	30	0	-1.7	07	1	7.2	-	2.67	-	9	9
	11-20	74.6	-	10	10	9.6	3.8	6.7	-	0.6	18	0	23	0	-1.8	18	3	6.5	-	2.59	-	8	9
	21-end	1.1	-	2	0	11.8	5.2	8.5	-	0.2	27	0	45	0	-1.3	27	2	9.2	-	4.80	-	5	1
	Month	162.6	161	22	19	10.7	4.4	7.6	-0.7	0.2	27	0	98	0	-1.8	18	6	7.7	-0.2	3.40	96	7	19

TABLE 1 (Continued)

March 1982

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C												BRIGHT SUNSHINE		WIND			
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAYS	AIR						GROUND			SOIL (10 CM)		MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (m/s)	DAYS WITH GALE GUSTS			
						MEAN MAX.	MEAN MIN.	MEAN DAILY	AND DIFFERENCE FROM AVERAGE	LOWEST MIN.	DATE	DAYS WITH AIR FROST	DEGREE DAYS ABOVE 4.4°C	DEGREE DAYS ABOVE 10.0°C	LOWEST "GRASS-MIN."	DATE					DAYS WITH GROUND FROST	MEAN DAILY	DIFFERENCE FROM AVERAGE
Ardfert (Lisacahane) Co. Kerry	1-10	55.4	/	10	9	10.0	3.8	6.9	/	1.0	07	0	25	0	-3.3	07	2	/	/	2.59	/	/	/
	11-20	60.4	/	10	8	9.9	2.8	6.4	/	1.0	18	0	19	0	-2.6	18	5	/	/	3.30	/	/	/
	21-end	0.3	/	1	0	12.5	3.8	8.2	/	1.2	28	0	45	0	-2.6	28	8	/	/	6.25	/	/	/
	Month	116.1	/	21	17	10.9	3.5	7.2	/	1.0	18	0	89	0	-3.3	07	15	/	/	4.12	/	/	/
Lullymore Co. Kildare	1-10	38.0	-	9	9	9.4	1.7	5.6	/	-3.0	05	2	12	0	-8.5	05	7	/	/	2.86	/	7	/
	11-20	39.0	-	10	8	8.8	1.1	5.0	/	-0.4	13	4	8	0	-3.9	18	8	/	/	3.76	/	7	/
	21-end	0.4	-	1	0	11.9	1.3	6.6	/	-2.5	27	5	28	0	-6.9	27	8	/	/	5.68	/	4	/
	Month	77.4	155	20	17	10.1	1.4	5.8	/	-3.0	05	11	48	0	-8.5	05	23	/	/	4.15	/	6	/
Kilkenny Co. Kilkenny	1-10	40.0	-	9	7	9.9	1.4	5.7	-	-2.8	05	2	14	0	-7.5	05	8	5.6	-	3.33	-	6	5
	11-20	39.1	-	10	7	9.5	2.2	5.9	-	0.3	16	0	15	0	-3.5	18	6	5.4	-	4.23	-	6	6
	21-end	0.4	-	1	0	11.9	2.2	7.1	-	-0.6	26	1	30	0	-4.4	26	9	8.0	-	5.74	-	3	1
	Month	79.5	137	20	14	10.5	2.0	6.3	-0.3	-2.8	05	3	59	0	-7.5	05	23	6.4	+0.4	4.47	136	5	12
Mooncoin (Silverspring) Co. Kilkenny	1-10	41.5	-	9	6	9.9	2.8	6.4	/	-2.8	05	2	19	0	-7.7	05	7	/	/	3.68	/	/	/
	11-20	45.8	-	9	8	9.9	1.9	5.9	/	0.0	16	0	15	0	-5.6	16	10	/	/	4.57	/	/	/
	21-end	0.3	-	1	0	12.0	2.9	7.5	/	1.0	23	0	34	0	-4.9	23	9	/	/	6.33	/	/	/
	Month	87.6	112	19	14	10.6	2.5	6.6	/	-2.8	05	2	68	0	-7.7	05	26	/	/	4.91	/	/	/
Ballinamore Co. Leitrim	1-10	76.8	-	10	9	9.0	1.4	5.2	/	-3.3	05	3	9	0	-7.3	05	9	/	/	3.66	/	5	/
	11-20	64.4	-	10	10	8.5	1.3	4.9	/	-0.1	15	1	7	0	-2.6	15	10	/	/	4.11	/	5	/
	21-end	1.7	-	2	1	12.0	2.1	7.1	/	-2.0	28	4	30	1	-6.2	28	9	/	/	4.74	/	3	/
	Month	142.9	188	22	20	9.9	1.6	5.8	/	-3.3	05	8	46	1	-7.3	05	28	/	/	4.19	/	4	/
Ardee (Boharnamoe) Co. Louth	1-10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	11-20	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	21-end	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Month	/	/	/	/	/	/	/	/	NOT AVAILABLE	/	/	/	/	/	/	/	/	/	/	/	/	/
Ballinrobe (Creagh) Co. Mayo	1-10	100.9	-	9	8	9.9	2.0	6.0	/	-2.9	05	2	16	0	-6.6	07	4	/	/	3.40	/	6	/
	11-20	76.6	-	10	10	9.6	1.0	5.3	/	-0.5	15	1	9	0	-2.9	15	6	/	/	3.80	/	5	/
	21-end	1.5	-	2	0	12.2	1.8	7.0	/	-2.4	28	2	29	0	-3.6	28	8	/	/	5.28	/	3	/
	Month	179.0	208	21	18	10.6	1.6	6.1	/	-2.9	05	5	54	0	-6.6	07	18	/	/	4.20	/	5	/

Notes on the tables in January issue

TABLE 1 (Continued)

March 1982

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C														BRIGHT SUNSHINE		WIND	
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAYS	AIR						GROUND				SOIL(10 CM)				MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (ms-1)	DAYS WITH GALE GUSTS
						MEAN MAX.	MEAN MIN.	MEAN DAILY	AND DIFFERENCE FROM AVERAGE	LOWEST MIN.	DATE	DAYS WITH AIR FROST	DEGREE DAYS ABOVE 4.4°C	DEGREE DAYS ABOVE 10.0°C	LOWEST "GRASS-MIN."	DATE	DAYS WITH GROUND FROST	MEAN DAILY	DIFFERENCE FROM AVERAGE				
Belmullet e Co. Mayo	1-10	63.8	-	10	9	9.5	3.2	6.3	-	1.1	07	0	20	0	-4.2	07	2	6.2	-	2.54	-	10	10
	11-20	69.3	-	10	9	8.7	1.9	5.3	-	0.4	11	0	11	0	-3.8	20	5	5.4	-	3.06	-	9	8
	21-end	1.4	-	2	1	11.3	5.1	8.2	-	0.8	27	0	41	0	-2.5	27	3	8.4	-	3.38	-	6	2
	Month	134.5	189	22	19	9.9	3.4	6.7	-0.6	0.4	11	0	72	0	-4.2	07	10	6.8	-0.1	3.01	79	8	20
Claremorris e Co. Mayo	1-10	71.2	-	10	9	9.1	1.5	5.3	-	-1.4	07	2	10	0	-6.5	07	3	5.9	-	2.84	-	6	5
	11-20	63.7	-	10	10	8.8	1.2	5.0	-	-0.2	15	1	7	0	-2.9	15	6	5.3	-	2.54	-	6	7
	21-end	1.1	-	1	1	11.8	3.2	7.5	-	0.6	27	0	34	0	-3.0	22	5	7.8	-	3.88	-	3	1
	Month	136.0	186	21	20	10.0	2.0	6.0	-0.5	-1.4	07	3	51	0	-6.5	07	14	6.4	+0.4	3.11	95	5	13
Glenamoy Co. Mayo	1-10	81.2	-	9	8	9.2	2.6	5.9	/	-1.6	07	2	15	0	-3.6	07	3	/	/	2.65	/	/	/
	11-20	86.6	-	9	9	8.6	1.3	5.0	/	-0.3	20	1	6	0	-2.0	20	6	/	/	3.28	/	/	/
	21-end	1.1	-	2	0	11.7	3.7	7.7	/	-2.1	28	2	38	0	-3.3	27	3	/	/	3.35	/	/	/
	Month	168.9	190	20	17	9.9	2.6	6.3	/	-2.1	28	5	59	0	-3.6	07	12	/	/	3.10	/	/	/
Dunsany (Grange) Co. Meath	1-10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	11-20	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	21-end	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Month	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Clones e Co. Monaghan	1-10	59.2	-	10	10	9.0	1.5	5.3	-	-1.5	07	2	10	0	-8.1	07	4	5.0	-	4.13	-	6	7
	11-20	47.8	-	10	10	8.2	1.5	4.9	-	0.0	11	0	6	0	-2.3	15	5	4.7	-	3.79	-	6	6
	21-end	1.3	-	2	0	12.3	2.4	7.4	-	-1.8	27	3	31	1	-6.2	28	4	7.2	-	5.39	-	3	1
	Month	108.3	178	22	20	9.9	1.9	5.9	-0.1	-1.8	27	5	47	1	-8.1	07	13	5.7	+0.1	4.47	141	5	14
Birr e Co. Offaly	1-10	45.1	-	10	8	9.7	1.9	5.8	-	-1.3	07	2	15	0	-7.1	07	3	5.8	-	3.19	-	5	5
	11-20	39.8	-	10	8	9.1	2.0	5.6	-	0.4	12	0	12	0	-2.0	18	6	5.3	-	4.08	-	5	7
	21-end	0.0	-	0	0	12.3	3.0	7.7	-	-1.3	27	1	36	0	-6.4	27	8	8.2	-	5.55	-	2	1
	Month	84.9	163	20	16	10.4	2.3	6.4	-0.3	-1.3	27	3	63	0	-7.1	07	17	6.5	+0.1	4.32	122	4	13
	1-10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	11-20	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	21-end	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Month	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Notes on the tables in January issue.

TABLE 1 (Continued)

March 1982

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C														BRIGHT SUNSHINE		WIND	
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAYS	AIR						GROUND		SOIL (10 CM)		MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (ms ⁻¹)	DAYS WITH GALE GUSTS				
						MEAN MAX.	MEAN MIN.	MEAN DAILY	AND DIFFERENCE FROM AVERAGE	LOWEST MIN.	DATE	DAYS WITH AIR FROST	DEGREE DAYS ABOVE 4.0°C	DEGREE DAYS ABOVE 10.0°C	LOWEST "GRASS-MIN."					DATE	DAYS WITH GROUND FROST	MEAN DAILY	DIFFERENCE FROM AVERAGE
Dungarvan (Ballygagin) Co. Waterford	1-10	49.5	-	9	8	9.9	2.9	6.4	/	-1.7	05	1	20	0	-5.5	05	5	/	/	3.07	/	4	/
	11-20	53.0	-	8	8	10.1	2.0	6.1	/	0.3	11	0	18	0	-2.9	18	6	/	/	4.19	/	4	/
	21-end	0.0	-	0	0	11.7	3.8	7.8	/	1.9	23	0	35	1	-3.8	23	8	/	/	5.94	/	2	/
	Month	102.5	106	17	16	10.6	2.9	6.8	/	-1.7	05	1	73	1	-5.5	05	19	/	/	4.45	/	3	/
Mullingar e Co. Westmeath	1-10	56.2	-	10	9	9.0	1.0	5.0	-	-3.4	05	3	10	0	-6.6	05	5	5.0	-	3.58	-	7	7
	11-20	50.0	-	9	8	8.6	1.6	5.1	-	0.2	16	0	8	0	-1.8	16	6	4.7	-	4.85	-	7	6
	21-end	0.7	-	3	0	12.1	1.8	7.0	-	-2.2	27	3	28	0	-5.5	27	8	7.2	-	6.38	-	3	1
	Month	106.9	184	22	17	10.0	1.5	5.8	-0.2	-3.4	05	6	46	0	-6.6	05	19	5.7	-0.1	4.98	142	6	14
J.F.K. Park Co. Wexford	1-10	28.8	-	9	7	9.7	3.7	6.7	/	0.4	05	0	23	0	-4.6	05	5	/	/	3.68	/	8	/
	11-20	40.0	-	8	7	9.3	2.1	5.7	/	-0.4	18	1	15	0	-5.3	18	6	/	/	4.59	/	7	/
	21-end	0.0	-	0	0	11.3	3.2	7.3	/	-1.1	27	1	32	0	-3.5	27	7	/	/	5.97	/	3	/
	Month	68.8	86	17	14	10.1	3.0	6.6	/	-1.1	27	2	70	0	-5.3	18	18	/	/	4.79	/	6	/
Clonroche Co. Wexford	1-10	40.5	-	10	7	9.3	3.0	6.2	/	-1.6	06	1	18	0	-6.5	06	3	/	/	3.45	/	4	/
	11-20	43.2	-	8	7	8.6	1.9	5.3	/	0.5	16	0	11	0	-3.5	13	5	/	/	4.50	/	4	/
	21-end	0.1	-	0	0	11.4	2.9	7.2	/	-0.5	27	1	32	0	-6.3	27	7	/	/	6.61	/	2	/
	Month	83.8	101	18	14	9.8	2.6	6.2	/	-1.6	06	2	61	0	-6.5	06	15	/	/	4.91	/	3	/
Johnstown Castle Co. Wexford	1-10	40.2	-	9	8	9.3	3.8	6.6	/	1.2	05	0	22	0	-5.4	05	6	/	/	3.95	/	6	/
	11-20	49.7	-	8	7	9.2	2.3	5.8	/	0.6	16	0	14	0	-2.8	16	6	/	/	4.90	/	5	/
	21-end	0.0	-	0	0	10.8	3.5	7.2	/	0.7	27	0	30	0	-3.4	27	8	/	/	6.90	/	3	/
	Month	89.9	117	17	15	9.8	3.2	6.5	/	0.6	16	0	66	0	-5.4	05	20	/	/	5.30	/	5	/
Rosslare e Co. Wexford	1-10	33.8	-	9	7	9.8	4.2	7.0	-	2.6	10	0	26	0	-4.2	05	3	6.8	-	4.14	-	6	7
	11-20	34.1	-	7	7	9.7	3.2	6.4	-	1.3	11	0	20	0	-1.2	16	4	6.2	-	4.92	-	6	6
	21-end	0.0	-	0	0	10.5	4.7	7.6	-	2.8	28	0	35	0	-1.6	27	4	8.5	-	6.44	-	4	1
	Month	67.9	108	16	14	10.0	4.0	7.0	-0.1	1.3	11	0	81	0	-4.2	05	11	7.2	+0.1	5.21	129	5	14

Notes on the tables in January issue

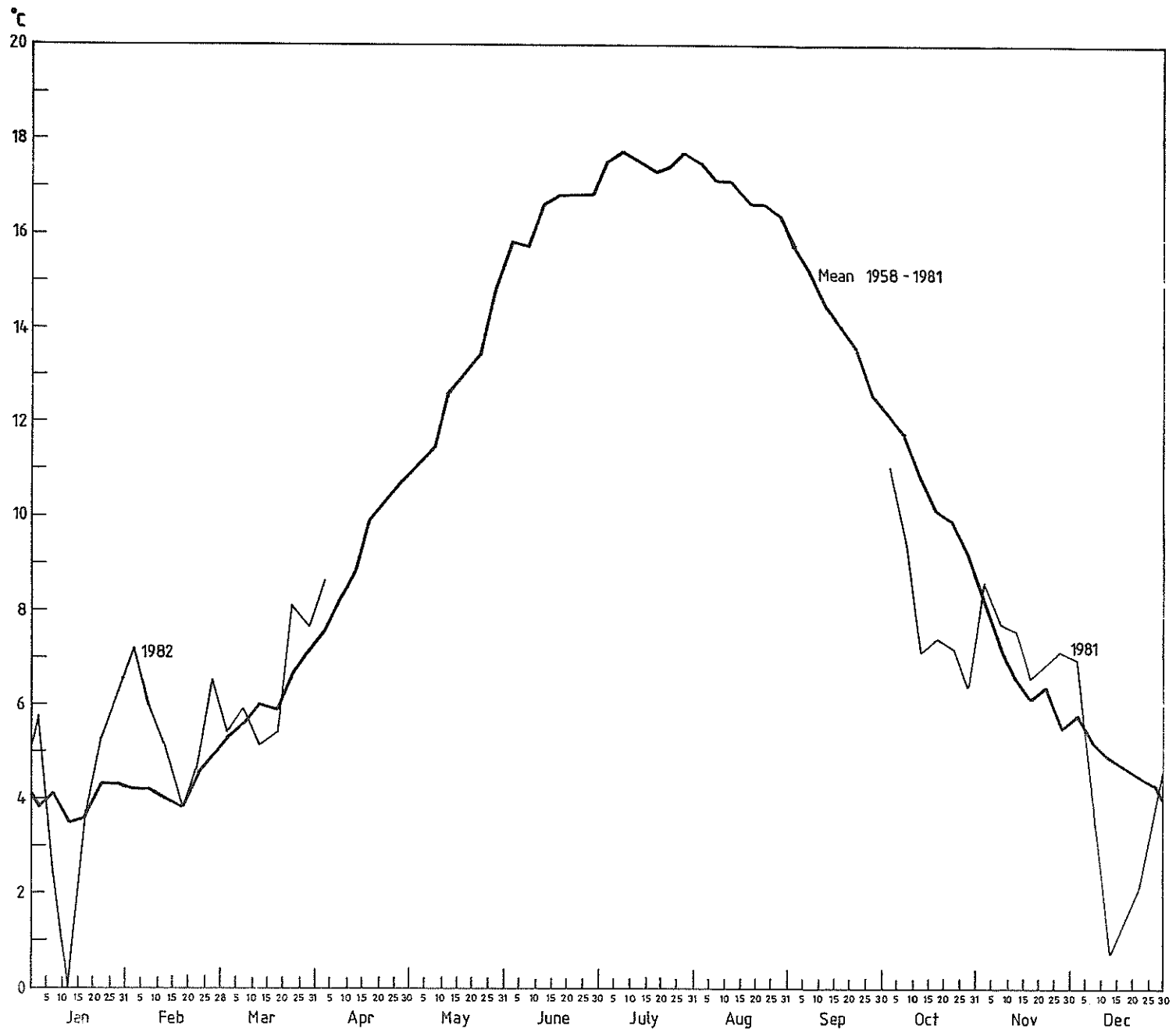
TABLE 2 GLOBAL SOLAR RADIATION

STATION	PERIOD	AMOUNT
		Joule/cm ²
Malin Head Co. Donegal	1-10	6905
	11-20	8482
	21-end	12521
	Month	27908
Dublin Airport Co. Dublin	1-10	6817
	11-20	9133
	21-end	14004
	Month	29954
Cahirciveen (Valentia Obs.) Co. Kerry	1-10	6527
	11-20	8236
	21-end	13951
	Month	28714
Kilkenny Co. Kilkenny	1-10	6398
	11-20	8691
	21-end	12585
	Month	27647
Belmullet Co. Mayo	1-10	5965
	11-20	8373
	21-end	11773
	Month	26111
Clones Co. Monaghan	1-10	7425
	11-20	8568
	21-end	13385
	Month	29378
Birr Co. Offaly	1-10	6477
	11-20	8873
	21-end	12761
	Month	28111

TABLE 3 POTENTIAL EVAPOTRANSPIRATION (P.E.) AND SOIL MOISTURE

STATION	PERIOD	P.E. (mm)		SOIL MOISTURE (mm)	
		Amount	Deficit	Accumulated Deficit	Surplus
Carlow (Oak Park) Co. Carlow	1-10	10	-	0	28
	11-20	4	-	0	25
	21-end	10	10	10	-
	Month	24	-	-	-
Kinsealy Co. Dublin	1-10	7	-	0	18
	11-20	15	-	0	9
	21-end	11	11	11	-
	Month	33	-	-	-
Cahirciveen (Valentia Obs.) Co. Kerry	1-10	1	-	0	84
	11-20	11	-	0	54
	21-end	3	-	0	12
	Month	15	-	-	-
Ballinamore Co. Leitrim	1-10	7	-	0	24
	11-20	2	-	0	42
	21-end	9	8	8	-
	Month	18	-	-	-
Glenamoy Co. Mayo	1-10	11	-	0	70
	11-20	5	-	0	82
	21-end	12	11	11	-
	Month	28	-	-	-
Johnstown Castle Co. Wexford	1-10	7	-	0	31
	11-20	12	-	0	38
	21-end	11	11	11	-
	Month	30	-	-	-

Notes on the tables in January issue



The annual cycle in mean soil temperature (100 mm) at Dublin Airport, average over the period 1958 - 1981
 The 5-day mean values for the current season from autumn 1981 to spring 1982