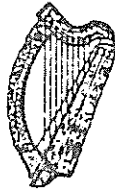


METEOROLOGICAL SERVICE



AGROMETEOROLOGICAL BULLETIN

MAY 1980

The Weather of May

The rather harsh and dry northeasterly airflow which had set in towards the end of April continued through into May. In the period from the 1st to the 6th the weather was dry and frost occurred on some nights. Changeable conditions on the 7th brought the first relief to the drought conditions with some outbreaks of rain occurring in many areas over the following days. The more persistent and heavier falls occurred in southwestern and western regions on the 10th and 11th. Much of the Midlands, eastern and northern regions received but little rainfall during this spell however. A return of the high pressure brought a further period of dry weather to all regions between the 14th and the 18th. This latter period was warm and fine and many inland stations had maximum afternoon temperatures in excess of 20°C on most days.

The second interruption to the dry weather proved to be more widespread. This interruption occurred on the 19th when weak warm frontal troughs became slow moving over the country. Some 7 to 9 mm of rain was recorded at most stations on the 19th and 20th, a small relief to the drought conditions which were already greatly retarding both the germination of seed and the growth of crops in all areas apart from in southern and some western districts. Nevertheless the dry weather returned again on the 21st and a spell of northerly winds set in as yet another ridge of high pressure developed to the north of Ireland. This latter spell was cool and temperatures fell to below normal although ground frost was not widespread during the period.

The weather became noticeably more unsettled towards the end of the month. A northwesterly airflow prevailed during this period and there were frequent showers or periods of rain in all regions. Thunderstorms occurred in the Midlands and East on the 26th and some of the showers on the 28th and 29th were of hail. Temperatures recovered to near normal by the end of the month.

Mean Monthly Amounts of Precipitation were well below normal everywhere for the second month in succession. Amounts ranged from 27% at Glenamoy to 66% at Dublin Airport and were less than 50% of normal over most of the country. Absolute drought conditions (periods of at least 15 consecutive days on none of which 0.2mm or more of rain fell) occurred at some stations in the Midlands and East from the last week of April to about 12th of May. Partial drought conditions (periods of 29 or more consecutive days during which the mean daily rainfall does not exceed 0.2 mm) affected most of the east and southeast from the middle of April to the third week in May. Soil moisture deficits at the end of the month were above average at all stations where measured except at Ballinamore and Glenamoy where it was below average. For most places however the deficit was some 50% greater than average. The incidence of weather suitable to the spread of potato blight and cereal diseases was well below normal.

Mean Monthly Air Temperatures were above normal everywhere except in southern and south Midland regions, ranging from 0.5°C below normal at Kilkenny to 0.7°C above normal at Malin Head. Soil temperatures (at 10cm) were generally above average by some 0.5°C at inland stations to 2.0°C near coasts.

Mean duration of Bright Sunshine was near normal, ranging from 92% of normal at Valentia to 120% at Clones.

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

May, 1980

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 ABOVE 4.4°C	DEGREE DAYS ABOVE 10.0°C	LOWEST "GRASS-MIN."	DATE	DAYS WITH GROUND FROST	MEAN DAILY	DIFFERENCE FROM AVERAGE	MEAN DAILY				
Carlow (Oak Park) Co. Carlow	1-10	0.7	/	1	0	13.2	3.2	8.4	/	0.3	08	0	39	0	-3.0	08	6	/	/	6.67	/	3	/
	11-20	11.9	/	3	2	19.5	7.4	13.4	/	3.3	17	0	91	35	-0.8	17	1	/	/	7.98	/	3	/
	21-end	34.1	/	7	6	15.1	6.3	10.7	/	2.8	30	0	68	10	0.0	30	0	/	/	5.75	/	3	/
	Month	46.7	/	11	8	15.9	5.6	10.8	/	0.3	08	0	198	45	-3.0	08	7	/	/	6.77	/	3	/
Shannon Airport Co. Clare	1-10	4.5	-	3	3	14.0	5.8	9.9	-	1.6	07	0	55	4	-3.2	07	2	11.1	-	6.22	-	5	0
	11-20	10.8	-	3	2	18.5	9.4	13.9	-	8.0	17	0	96	40	2.1	17	0	15.1	-	6.74	-	3	0
	21-end	12.7	-	6	3	15.3	8.0	11.6	-	5.5	29	0	80	19	-0.7	30	2	14.0	-	5.99	-	5	1
	Month	28.0	44	12	8	15.9	7.7	11.8	+0.3	1.6	07	0	231	63	-3.2	07	4	13.4	+0.2	6.31	99	4	1
Fermoy (Moore Park) Co. Cork	1-10	1.7	/	1	1	12.8	3.3	8.0	/	0.0	07	0	36	1	-5.0	07	6	/	/	5.33	/	3	/
	11-20	14.0	/	5	3	17.5	5.9	11.7	/	0.9	17	0	73	17	-3.6	17	4	/	/	6.61	/	2	/
	21-end	10.1	/	4	2	15.9	5.1	10.5	/	0.6	23	0	68	11	-3.6	30	4	/	/	5.84	/	3	/
	Month	25.8	38	10	6	15.4	4.8	10.1	/	0.0	07	0	177	29	-5.0	07	14	/	/	5.92	/	3	/
Mallow Co. Cork	1-10	5.6	-	1	1	13.7	3.6	8.6	/	-1.6	07	1	44	3	-3.5	07	6	/	/	4.08	/	/	/
	11-20	12.0	-	3	3	17.6	6.5	12.0	/	2.6	17	0	77	21	-0.7	17	1	/	/	6.45	/	/	/
	21-end	8.9	-	3	2	15.3	5.6	10.4	/	1.6	30	0	67	10	-2.4	29	2	/	/	5.02	/	/	/
	Month	26.5	35	7	6	15.5	5.2	10.4	/	-1.6	07	1	188	34	-3.5	07	9	/	/	5.18	/	/	/
Roche's Point Co. Cork	1-10	4.3	-	2	1	11.9	6.9	9.4	-	5.3	06	0	50	2	1.3	07	0	11.2	-	4.89	-	7	3
	11-20	15.3	-	3	2	14.7	9.0	11.9	-	7.5	17	0	75	19	2.5	17	0	13.6	-	7.13	-	4	1
	21-end	10.0	-	2	2	14.8	8.2	11.5	-	6.2	30	0	78	17	-0.3	23	1	13.7	-	6.35	-	5	3
	Month	29.6	46	7	5	13.8	8.0	10.9	-0.4	5.3	06	0	203	38	-0.3	23	1	12.8	-0.1	6.13	92	5	7
Glencolumbkille Co. Donegal	1-10	0.6	/	1	0	14.6	3.6	9.1	/	1.0	06	0	47	1	-5.6	06	7	/	/	7.56	/	4	/
	11-20	12.6	/	5	4	18.0	7.8	12.9	/	5.6	18	0	85	30	-1.2	18	1	/	/	6.49	/	4	/
	21-end	24.8	/	7	5	12.8	5.5	9.2	/	2.4	28	0	53	1	-3.6	23	4	/	/	5.15	/	3	/
	Month	38.0	/	13	9	15.0	5.6	10.3	/	1.0	06	0	185	32	-5.6	06	12	/	/	6.36	/	4	/
Glenties Co. Donegal	1-10	0.6	-	1	0	14.8	2.8	8.8	/	-0.1	06	1	44	1	-6.7	06	8	/	/	7.58	/	/	/
	11-20	15.8	-	5	5	19.5	7.9	13.7	/	3.7	17	0	93	37	-2.5	17	3	/	/	6.62	/	/	/
	21-end	26.2	-	8	6	13.7	4.7	9.2	/	0.0	30	0	53	4	-3.5	27	6	/	/	4.55	/	/	/
	Month	42.6	48	14	11	15.9	5.1	10.5	/	-0.1	06	1	190	42	-6.7	06	17	/	/	6.20	/	/	/

Notes on the tables in January issue

TABLE 1 (Continued)

May, 1980

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	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 e Co. Donegal	1-10	1.4	-	1	1	11.6	6.5	9.1	-	3.6	06	0	46	2	0.4	06	0	13.2	-	9.16	-	7	5
	11-20	8.9	-	3	1	18.2	9.6	13.9	-	7.7	19	0	95	39	4.0	17	0	15.4	-	6.62	-	6	2
	21-end	10.0	-	7	4	11.7	7.7	9.7	-	5.4	22	0	58	3	-0.1	27	1	13.9	-	6.29	-	6	0
	Month	20.3	33	11	6	13.8	7.9	10.9	+0.7	3.6	06	0	199	44	-0.1	27	1	14.1	+2.0	7.32	110	6	7
Casement Aerodrome Co. Dublin	1-10	0.0	-	0	0	12.3	4.9	8.6	-	0.2	08	0	42	1	-4.0	08	3	10.0	-	5.65	-	6	2
	11-20	10.8	-	3	2	19.2	8.7	13.9	-	3.4	18	0	95	39	-1.1	18	2	14.7	-	8.32	-	4	0
	21-end	14.2	-	7	5	14.2	5.7	9.9	-	1.7	29	0	61	6	-2.2	29	4	12.9	-	5.54	-	4	2
	Month	25.0	42	10	7	15.2	6.4	10.8	+0.2	0.2	08	0	198	46	-4.0	08	9	12.6	-	6.47	100	5	4
Dublin Airport e Co. Dublin	1-10	1.1	-	2	0	11.9	6.3	9.1	-	3.0	08	0	47	1	-2.1	08	1	11.8	-	6.34	-	6	0
	11-20	10.9	-	3	2	17.9	9.6	13.8	-	8.2	18	0	94	38	-0.8	17	1	15.6	-	8.76	-	4	1
	21-end	29.0	-	6	6	14.2	6.5	10.4	-	3.6	29	0	66	8	0.4	23	0	13.8	-	6.63	-	4	0
	Month	41.0	66	11	8	14.7	7.4	11.1	+0.5	3.0	08	0	207	47	-2.1	08	2	13.7	+0.8	7.22	112	5	1
Kinsealy Co. Dublin	1-10	0.0	/	0	0	12.1	6.1	9.1	/	3.3	08	0	47	1	-1.7	08	1	/	/	6.29	/	5	/
	11-20	10.1	/	2	2	17.2	6.9	12.1	/	3.3	17	0	78	22	-2.3	17	3	/	/	9.05	/	3	/
	21-end	26.5	/	6	6	14.1	5.7	9.9	/	3.0	30	0	60	5	0.2	31	0	/	/	6.27	/	3	/
	Month	36.6	62	8	8	14.4	6.2	10.3	/	3.0	30	0	185	28	-2.3	17	4	/	/	7.17	/	4	/
Galway Co. Galway	1-10	2.4	-	1	1	13.9	4.6	9.2	-	1.2	07	0	49	3	-1.1	07	1	11.7	-	7.20	-	6	0
	11-20	11.0	-	3	2	18.3	8.8	13.5	-	6.4	17	0	91	35	3.4	18	0	15.3	-	6.71	-	4	0
	21-end	18.3	-	7	5	14.7	7.3	11.0	-	4.5	30	0	73	14	0.5	29	0	14.1	-	4.99	-	4	0
	Month	31.7	-	11	8	15.6	6.9	11.2	-	1.2	07	0	213	52	-1.1	07	1	13.7	-	6.26	-	5	0
Killarney (Muokross Hse) Co. Kerry	1-10	13.4	/	3	1	13.3	5.2	9.2	/	2.1	07	0	49	4	-4.4	07	7	/	/	4.78	/	/	/
	11-20	8.9	/	4	2	17.2	8.7	12.9	/	2.6	14	0	86	30	-1.7	14	1	/	/	7.07	/	/	/
	21-end	5.0	/	5	2	14.8	6.7	10.8	/	2.0	30	0	70	13	-2.8	30	3	/	/	4.19	/	/	/
	Month	27.3	/	12	5	15.1	6.8	11.0	/	2.0	30	0	205	47	-4.4	07	11	/	/	5.31	/	/	/
Cahiriveen e (Valentia Obsy.) Co. Kerry	1-10	16.6	-	2	1	14.5	6.3	10.4	-	1.3	07	0	60	7	-1.8	07	1	12.9	-	5.80	-	5	2
	11-20	20.7	-	5	5	16.4	9.4	12.9	-	4.8	14	0	85	29	2.0	14	0	14.6	-	5.24	-	5	2
	21-end	13.8	-	6	4	14.4	7.7	11.0	-	3.8	30	0	73	14	2.0	30	0	14.9	-	6.85	-	5	0
	Month	51.1	57	13	10	15.1	7.8	11.4	-0.1	1.3	07	0	218	50	-1.8	07	1	14.2	+1.0	5.99	92	5	4

Notes on the tables in January issue

TABLE 1 (Continued)

May, 1980

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 (MPH)	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	
																								MEAN DAILY
Tralee Lisdara Co. Kerry	1-10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	11-20	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	21-end	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Month	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Lullymore Co. Kildare	1-10	0.0	/	0	0	13.5	3.4	8.4	/	-1.2	08	2	38	0	-6.0	04	3	/	/	5.65	/	4	/	/
	11-20	10.0	/	3	3	NA	NA	-	/	NA	-	-	-	-	NA	-	/	/	NA	/	6	/	/	/
	21-end	27.0	/	7	5	NA	4.2	-	/	0.1	29	0	-	-	-5.9	23	6	/	/	NA	/	6	/	/
	Month	37.0	55	10	8	-	-	-	/	-	-	-	-	-	-	-	-	/	/	-	/	5	/	/
Kilkenny Co. Kilkenny	1-10	0.0	-	0	0	12.9	4.0	8.4	-	1.3	08	0	41	1	-4.3	08	5	12.0	-	5.50	-	3	0	/
	11-20	10.2	-	3	1	19.5	6.6	13.0	-	1.5	18	0	87	31	-1.9	18	2	16.2	-	7.35	-	2	0	/
	21-end	14.3	-	6	4	15.1	5.7	10.4	-	-0.3	30	1	66	11	-3.1	30	2	14.4	-	5.54	-	3	1	/
	Month	24.5	38	9	5	15.8	5.4	10.6	-0.5	-0.3	30	1	194	43	-4.3	08	9	14.2	+1.2	6.11	94	3	1	/
Mooncoin (Silverspring) Co. Kilkenny	1-10	0.0	/	0	0	13.2	4.2	8.7	/	2.0	09	0	40	1	-4.7	08	6	/	/	6.34	/	/	/	/
	11-20	14.6	/	4	3	18.3	6.5	12.4	/	1.5	17	0	80	24	-2.8	17	3	/	/	6.77	/	/	/	/
	21-end	19.3	/	6	3	15.3	6.1	10.7	/	1.1	30	0	71	12	-2.9	30	4	/	/	6.25	/	/	/	/
	Month	33.9	47	10	6	15.6	5.6	10.6	/	1.1	30	0	191	37	-4.7	08	13	/	/	6.45	/	/	/	/
Ballinamore Co. Leitrim	1-10	0.4	/	1	0	14.3	4.1	9.2	/	1.6	07	0	49	2	-3.5	06	7	/	/	6.19	/	2	/	/
	11-20	11.8	/	3	2	19.7	7.0	13.3	/	2.6	17	0	90	34	-2.4	17	3	/	/	6.23	/	2	/	/
	21-end	NA	/	NA	NA	NA	NA	-	/	NA	NA	-	-	-	-2.3	30	4	/	/	NA	/	NA	/	/
	Month	-	/	-	-	-	-	-	/	-	-	-	-	-	-3.5	06	14	/	/	-	/	-	/	/
Ardee (Boharnamoe) Co. Louth	1-10	0.0	/	0	0	12.9	5.1	9.0	/	1.9	08	0	46	1	-5.6	08	5	/	/	/	/	/	/	/
	11-20	6.2	/	3	2	18.6	5.6	12.0	/	0.9	18	0	76	20	-5.0	18	3	/	/	/	/	/	/	/
	21-end	14.2	/	5	3	15.5	5.7	10.6	/	1.8	24	0	69	12	-2.5	25	3	/	/	/	/	/	/	/
	Month	20.4	/	8	5	15.6	5.4	10.5	/	0.9	18	0	191	33	-5.6	08	11	/	/	/	/	/	/	/
Ballinrobe (Creagh) Co. Mayo	1-10	12.6	/	1	1	14.4	3.0	8.7	/	0.2	07	0	44	2	-4.2	07	8	/	/	7.52	/	4	/	/
	11-20	13.2	/	3	3	18.8	7.7	13.2	/	3.5	17	0	89	33	-1.7	17	1	/	/	6.67	/	2	/	/
	21-end	11.7	/	5	2	15.6	5.6	10.6	/	2.9	31	0	69	11	-2.1	27	5	/	/	5.07	/	2	/	/
	Month	37.5	44	9	6	16.3	5.5	10.9	/	0.2	07	0	202	46	-4.2	07	14	/	/	6.38	/	3	/	/

Notes on the tables in January issue

TABLE 1 (Continued)

May, 1980

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	0.3	-	1	0	14.6	5.5	10.1	-	1.7	08	0	57	6	-2.1	08	2	13.8	-	9.05	-	6	1
	11-20	6.8	-	3	3	16.8	8.7	12.7	-	4.9	14	0	84	28	1.7	14	0	15.3	-	7.17	-	4	1
	21-end	21.3	-	7	6	13.3	7.5	10.4	-	3.4	30	0	66	10	1.1	30	0	14.3	-	4.76	-	5	0
	Month	28.4	42	11	9	14.8	7.3	11.0	0.0	1.7	08	0	207	44	-2.1	08	2	14.4	+1.8	6.92	102	5	2
Claremorris e Co. Mayo	1-10	7.5	-	1	1	14.0	3.6	8.8	-	0.5	04	0	44	1	-2.0	04	4	10.9	-	7.41	-	5	1
	11-20	10.1	-	4	3	18.0	7.6	12.8	-	3.8	18	0	85	29	0.5	17	0	13.9	-	5.75	-	3	0
	21-end	16.0	-	6	4	14.0	6.3	10.2	-	2.3	30	0	64	10	0.2	30	0	13.2	-	4.49	-	3	0
	Month	33.6	46	11	8	15.3	5.9	10.6	+0.1	0.5	04	0	193	40	-2.0	04	4	12.7	+0.7	5.84	96	4	1
Glenamoy Co. Mayo	1-10	2.2	/	1	1	15.3	4.0	9.7	/	-2.0	08	1	53	6	-3.1	08	3	/	/	8.84	/	/	/
	11-20	4.7	/	1	1	18.4	7.2	12.8	/	2.4	14	0	84	28	0.1	18	0	/	/	6.73	/	NA	/
	21-end	16.2	/	6	5	13.4	6.0	10.1	/	1.5	30	0	63	8	-0.7	30	1	/	/	3.65	/	NA	/
	Month	23.1	27	8	7	15.6	6.0	10.8	/	-2.0	08	1	200	42	-3.1	08	4	/	/	6.32	/	NA	/
Dunsany (Grange) Co. Meath	1-10	0.0	-	0	0	11.9	NA	-	/	-	-	-	-	-6.0	08	3	/	/	6.43	/	NA	/	
	11-20	9.7	-	2	2	18.4	NA	-	/	NA	-	-	-	-3.5	17	4	/	/	8.40	/	NA	/	
	21-end	21.8	-	6	5	14.0	NA	-	/	-	-	-	-	-5.6	30	6	/	/	5.85	/	NA	/	
	Month	31.5	49	8	7	14.8	-	-	/	-	-	-	-	-6.0	08	13	/	/	6.86	/	NA	/	
Clones e Co. Monaghan	1-10	0.2	-	1	0	13.8	4.5	9.2	-	1.6	06	0	48	1	-4.4	06	3	10.9	-	7.26	-	5	0
	11-20	8.4	-	3	2	18.9	8.1	13.5	-	4.5	17	0	91	35	-1.9	18	3	13.8	-	7.84	-	3	0
	21-end	26.5	-	8	4	13.9	5.9	9.9	-	2.7	30	0	61	7	-1.8	29	2	12.3	-	5.95	-	3	0
	Month	35.1	51	12	6	15.5	6.2	10.8	+0.3	1.6	06	0	200	43	-4.4	06	8	12.3	0.0	6.98	120	4	0
Birr e Co. Offaly	1-10	0.0	-	0	0	13.1	4.3	8.7	-	0.9	04	0	43	1	-2.9	04	2	11.6	-	6.02	-	5	1
	11-20	8.0	-	2	1	19.2	8.4	13.8	-	2.6	17	0	94	38	-1.0	17	1	15.9	-	6.75	-	4	1
	21-end	19.7	-	7	6	14.5	6.2	10.3	-	1.6	29	0	66	11	-1.6	29	3	14.0	-	4.62	-	4	1
	Month	27.7	42	9	7	15.6	6.3	10.9	-0.1	0.9	04	0	203	50	-2.9	04	6	13.9	+0.9	5.76	91	4	3
Thurles Co. Tipperary	1-10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	11-20	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	21-end	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Month	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Notes on the tables in January issue

TABLE 1 (Continued)

May, 1980

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C													BRIGHT SUNSHINE		WIND	
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAYS	MEAN MAX.	MEAN MIN.	AIR					GROUND		SOIL (10 CM)		MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (MS ⁻¹)	DAYS WITH GALE GUSTS		
								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
Dungarvan (Ballygagin) Co. Waterford	1-10	0.8	/	2	0	12.8	6.1	9.4	/	2.6	08	0	50	1	-3.5	08	5	/	5.93	/	3	/
	11-20	10.8	/	5	4	16.9	7.8	12.4	/	3.8	18	0	80	24	NA	NA	NA	/	7.09	/	2	/
	21-end	15.0	/	3	3	15.8	7.0	11.4	/	4.0	23	0	77	16	-0.4	23	2	/	NA	/	2	/
	Month	26.6	35	10	7	15.2	7.0	11.1	/	2.6	08	0	207	41	-	-	-	/	-	/	2	/
Mullingar Co. Westmeath	1-10	0.1	-	0	0	12.7	4.2	8.4	-	0.8	08	0	41	0	-2.6	08	2	10.0	5.99	-	5	0
	11-20	9.5	-	3	2	19.2	7.7	13.4	-	3.1	18	0	91	35	-0.3	18	1	14.1	7.17	-	4	2
	21-end	22.1	-	7	3	14.1	5.5	9.8	-	0.7	30	0	60	7	-1.9	30	2	12.8	5.38	-	4	1
	Month	31.7	45	10	5	15.2	5.8	10.5	+0.1	0.7	30	0	192	42	-2.6	08	5	12.3	6.15	99	4	3
Campile (Ballysop) Co. Wexford	1-10	0.5	/	1	0	12.3	4.9	8.6	/	0.8	05	0	42	0	-3.2	09	5	/	6.71	/	NA	/
	11-20	13.5	/	3	2	17.8	8.7	13.2	/	4.7	18	0	89	33	-2.5	18	1	/	7.49	/	NA	/
	21-end	22.3	/	6	5	15.3	6.3	10.8	/	2.2	30	0	72	13	-5.0	30	6	/	6.13	/	NA	/
	Month	36.3	53	10	7	15.1	6.6	10.9	/	0.8	05	0	203	46	-5.0	30	12	/	6.75	/	NA	/
Clonroche Co. Wexford	1-10	0.5	/	2	0	12.1	4.1	8.1	/	1.4	08	0	37	0	-6.7	08	4	/	6.27	/	3	/
	11-20	11.0	/	3	2	18.3	8.0	13.2	/	3.6	18	0	88	32	-4.0	18	3	/	8.15	/	2	/
	21-end	24.4	/	6	6	14.8	6.3	10.6	/	2.1	30	0	68	12	-4.4	23	5	/	6.05	/	2	/
	Month	35.9	42	11	8	15.1	6.1	10.6	/	1.4	08	0	193	44	-6.7	08	12	/	6.80	/	2	/
Johnstown Castle Co. Wexford	1-10	1.0	-	2	0	11.9	5.7	8.8	/	3.7	08	0	44	1	-1.7	09	2	/	6.76	/	5	/
	11-20	10.4	-	3	2	17.3	8.1	12.7	/	5.0	18	0	83	27	-2.1	18	1	/	NA	/	3	/
	21-end	31.1	-	6	6	14.3	7.0	10.7	/	4.3	29	0	69	10	-1.1	30	2	/	6.58	/	3	/
	Month	42.5	58	11	8	14.5	6.9	10.7	/	3.7	08	0	196	38	-2.1	18	5	/	-	/	4	/
Rosslare Co. Wexford	1-10	0.4	-	1	0	11.1	7.4	9.3	-	6.2	08	0	49	1	1.3	09	0	12.0	6.51	-	8	3
	11-20	11.1	-	3	2	15.4	9.5	12.4	-	8.2	14	0	80	24	1.1	18	0	15.7	8.41	-	4	1
	21-end	20.5	-	6	5	13.5	8.6	11.1	-	5.7	30	0	73	12	3.0	30	0	14.4	7.25	-	6	2
	Month	32.0	50	10	7	13.3	8.5	10.9	-0.3	5.7	30	0	202	37	1.1	18	0	14.0	7.38	99	6	6

Notes on the tables in January issue

TABLE 2

SOLAR RADIATION (GLOBAL), POTENTIAL EVAPOTRANSPIRATION (P.E.) AND SOIL MOISTURE

May, 1980

STATION	PERIOD	SOLAR RADIATION	P.E. (mm)	SOIL MOISTURE (mm)		
		Amount Joule/cm ²	Amount	Deficit	Accumulated Deficit	Surplus
Carlow (Oak Park) Co. Carlow	1-10		23	22	44	-
	11-20	-	32	15	59	-
	21-end		24	-	41	18
	Month		79	-	-	-
Kinsealy* Co. Dublin	1-10	15566	28	26	61	-
	11-20	19039	39	16	77	-
	21-end	17920	27	-	64	13
	Month	52525	94	-	-	-
Cahiriveen ^e (Valentia Obsy.) Co. Kerry	1-10	16333	24	24	44	-
	11-20	16555	23	-	26	21
	21-end	21354	26	12	38	-
	Month	54242	73	-	-	-
Kilkenny ^e Co. Kilkenny	1-10	18417				
	11-20	20117	-	-	-	-
	21-end	21377				
	Month	59911				
Ballinamore Co. Leitrim	1-10		26	26	35	-
	11-20		26	13	48	-
	21-end		24**	8	56	-
	Month		76	-	-	-
Glenamoy/ ^f Co. Mayo	1-10		32	29	59	-
	11-20		32	17	76	-
	21-end		27	-	72	4
	Month		91	-	-	-
Birr ^e Co. Offaly	1-10	17771				
	11-20	18591	-	-	-	-
	21-end	19161				
	Month	55523				
Johnstown Castle Co. Wexford	1-10		22	21	44	-
	11-20		38	22	66	-
	21-end		28	-	52	14
	Month		88	-	-	-

^e, ^f, See notes in January issue. ** = estimated