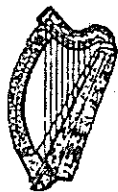


# METEOROLOGICAL SERVICE



## AGROMETEOROLOGICAL BULLETIN

MAY 1978

### The Weather of May

From 1st to 8th it was dull and cool with rain at times as winds ranged between north and east in direction. Ground frost affected many areas between 4th and 7th.

Conditions were warm and dry on 9th and 10th but cool weather with showers followed between 11th and 14th as winds were northwesterly.

The period 15th to 31st was predominantly dry. A few minor interruptions of the dry spell did occur, notably on 25th and 26th when it was dull and close with occasional rain. Between 15th and 26th afternoon temperatures were  $1^{\circ}\text{C}$  to  $2^{\circ}\text{C}$  above normal but this was offset by cool nights between 15th and 23rd. From 27th to 31st maximum air temperatures exceeded  $20^{\circ}\text{C}$  each day at many inland stations and were as high as  $26^{\circ}\text{C}$  at Galway on 31st.

Mean Monthly Rainfall Amounts were less than 50% of normal except in the northwest and were below 30% in many places. Between 50% and 60% of normal rainfall was recorded in coastal areas of west Ulster and north Connaught while parts of the north Midlands had only between 15% and 20% of normal. Wettest days were 2nd, 3rd, 4th, 7th and 14th but nowhere was there more than 10 wet days (rainfall of at least 1 mm). At the end of the month soil moisture deficits were roughly 50 mm (2 inches) and grass growth was noticeably but not seriously slowed. Only on 25th and 26th were conditions suitable for the spread of potato blight widespread. The dry warm days during the second half of the month were suitable for the development of mildew on cereals.

Mean Monthly Air Temperatures ranged from  $0.1^{\circ}\text{C}$  to  $0.9^{\circ}\text{C}$  above normal except near the west coast where they were  $0.1^{\circ}\text{C}$  below normal. Air frost was rare but ground frost occurred between 4th and 7th, 15th and 17th and to a lesser extent between 19th and 23rd. Soil temperatures at 10 cm (4 inches) were low at the beginning of the month but were between  $3^{\circ}\text{C}$  and  $5^{\circ}\text{C}$  above normal between 26th and 31st. Mean monthly values of the soil temperatures ranged from  $1.7^{\circ}\text{C}$  above normal at Rosslare to  $0.1^{\circ}\text{C}$  below normal at Mullingar.

Mean Daily Duration of Bright Sunshine ranged from 5.0 hours at Claremorris to 7.3 hours at Rosslare. Most areas had between 78% and 95% of normal sunshine but some southern and northern coastal areas had slightly more than normal sunshine.

Summary. May was very dry with above normal temperatures in most areas. Towards the end of the month it became very warm with record temperatures being recorded at some inland stations.

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, 1978

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 <sup>-1</sup> )	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				
Carlow (Oak Park) Co. Carlow	1-10	11.0	/	6	4	14.9	4.9	9.6	/	1.2	05	0	52	8	-1.2	04	2	/	/	4.52	/	2	/
	11-20	6.0	/	4	2	15.6	6.3	10.9	/	2.5	16	0	66	11	-1.2	16	1	/	/	5.03	/	2	/
	21-end	6.0	/	2	1	19.8	7.4	13.6	/	4.4	21	0	106	44	0.3	21	0	/	/	8.11	/	2	/
	Month	23.0	/	12	7	16.7	6.2	11.4	/	1.2	05	0	224	63	-1.2	16	3	/	/	5.99	/	2	/
Shannon Airport Co. Clare	1-10	12.9	-	8	2	14.2	6.8	10.5	-	2.9	05	0	61	8	-0.6	05	1	11.6	-	4.68	-	4	0
	11-20	1.9	-	3	0	15.2	7.5	11.4	-	5.7	19	0	70	14	1.0	19	0	13.3	-	4.47	-	4	0
	21-end	1.9	-	3	0	19.2	9.6	14.4	-	6.7	24	0	110	49	2.6	23	0	16.5	-	6.67	-	3	0
	Month	16.7	26	14	2	16.3	8.0	12.2	+0.7	2.9	05	0	241	71	-0.6	05	1	13.9	+0.7	5.32	83	4	0
Fermoy (Moore Park) Co. Cork	1-10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	11-20	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	21-end	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Month	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Mallow Co. Cork	1-10	14.3	-	6	4	15.5	4.9	10.2	/	0.3	06	0	58	7	-6.4	06	2	/	/	6.09	/	/	/
	11-20	11.9	-	5	3	15.4	6.5	10.9	/	2.0	17	0	66	14	-1.2	17	2	/	/	3.24	/	/	/
	21-end	0.4	-	1	0	19.3	8.0	13.6	/	5.6	23	0	102	41	-1.1	23	1	/	/	6.99	/	/	/
	Month	26.6	35	12	7	16.8	6.5	11.7	/	0.3	06	0	226	62	-6.4	06	5	/	/	5.49	/	/	/
Roche's Point Co. Cork	1-10	18.5	-	5	5	13.0	7.3	10.1	-	4.1	05	0	58	4	1.2	05	0	11.3	-	7.09	-	5	0
	11-20	0.3	-	1	0	13.8	8.3	11.1	-	5.6	16	0	67	12	-0.2	16	1	13.4	-	5.73	-	5	1
	21-end	0.0	-	0	0	16.6	10.0	13.3	-	7.8	23	0	99	37	1.0	23	0	16.5	-	8.47	-	3	0
	Month	18.8	29	6	5	14.6	8.6	11.6	+0.3	4.1	05	0	224	53	-0.2	16	1	13.8	+0.9	7.14	107	4	1
Glencolumbkille Co. Donegal	1-10	25.5	/	5	4	13.3	6.8	10.1	/	4.5	06	0	57	11	-0.5	06	1	/	/	4.11	/	3	/
	11-20	16.3	/	4	3	13.8	7.4	10.6	/	5.0	16	0	63	10	-1.0	17	2	/	/	6.46	/	3	/
	21-end	3.6	/	3	1	17.3	10.0	13.6	/	8.0	24	0	102	40	2.5	23	0	/	/	7.64	/	2	/
	Month	45.4	/	12	8	14.9	8.1	11.5	/	4.5	06	0	222	61	-1.0	17	3	/	/	6.12	/	3	/
Glenties Co. Donegal	1-10	9.4	-	5	2	13.8	5.0	9.4	/	-1.2	05	1	49	9	-7.0	05	3	/	/	3.42	/	/	/
	11-20	16.4	-	6	4	14.0	5.5	9.8	/	1.5	16	0	55	7	-3.5	17	4	/	/	4.54	/	/	/
	21-end	4.4	-	3	2	18.3	8.6	13.4	/	4.3	21	0	99	38	-2.4	21	3	/	/	8.08	/	/	/
	Month	30.2	34	14	8	15.4	6.4	10.9	/	-1.2	05	1	203	54	-7.0	05	10	/	/	5.44	/	/	/

Notes on the tables in January issue

TABLE 1 (Continued)

May, 1978

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 <sup>-1</sup> )	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 e Co. Donegal	1-10	17.6	-	7	4	11.0	6.5	8.7	-	4.3	05	0	44	3	-0.9	09	2	10.7	-	5.37	-	6	2
	11-20	9.9	-	3	2	12.3	6.7	9.5	-	4.2	15	0	51	2	0.2	15	0	13.0	-	7.12	-	4	2
	21-end	3.3	-	3	2	16.9	9.4	13.2	-	6.4	21	0	96	35	1.4	21	0	17.1	-	7.94	-	4	0
	Month	30.8	50	13	8	13.5	7.6	10.5	+0.3	4.2	15	0	191	40	-0.9	09	2	13.7	+1.6	6.85	103	5	4
Dublin Airport e Op. Dublin	1-10	10.1	-	7	2	12.2	6.1	9.2	-	2.2	05	0	48	7	-0.3	05	1	10.5	-	2.76	-	3	0
	11-20	15.5	-	3	2	14.5	6.8	10.6	-	4.9	12	0	63	9	-0.8	20	3	13.7	-	6.46	-	3	0
	21-end	1.7	-	2	1	18.6	10.1	14.3	-	7.6	22	0	109	48	2.1	22	0	18.1	-	8.90	-	2	0
	Month	27.3	47	12	5	15.2	7.7	11.5	+0.9	2.2	05	0	220	64	-0.8	20	4	14.2	+1.3	6.13	95	3	0
Kinsealy Co. Dublin	1-10	9.1	/	4	4	12.4	5.0	8.7	/	0.9	04	0	43	5	-1.3	04	4	/	/	2.75	/	3	/
	11-20	10.6	/	4	2	14.4	5.3	9.9	/	1.5	16	0	55	8	-3.1	16	4	/	/	7.09	/	3	/
	21-end	3.2	/	2	1	18.5	7.8	13.1	/	4.0	22	0	96	35	-0.7	21	2	/	/	9.26	/	2	/
	Month	22.9	/	10	7	15.2	6.1	10.6	/	0.9	04	0	194	48	-3.1	16	10	/	/	6.46	/	3	/
Lucan (U.C.D. Field Stn.) Co. Dublin	1-10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	11-20	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	21-end	/	/	/	/	/	/	/	/	NOT AVAILABLE	/	/	/	/	/	/	/	/	/	/	/	/	/
	Month	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Galway (Univ. Coll.) Co. Galway	1-10	14.6	/	6	4	13.7	6.2	9.9	/	3.5	05	0	56	9	/	/	/	/	/	5.63	/	/	/
	11-20	2.3	/	2	1	14.8	7.7	11.3	/	5.6	16	0	69	13	/	/	/	/	/	5.41	/	NA	/
	21-end	2.0	/	1	1	18.3	10.0	14.2	/	8.0	23	0	108	46	NA	NA	/	/	/	8.17	/	NA	/
	Month	18.9	/	9	6	15.7	8.0	11.9	/	3.5	05	0	233	68	/	/	/	/	/	6.46	/	/	/
Killarney (Muckross Hse) Co. Kerry	1-10	13.5	/	5	3	14.7	5.4	10.1	/	0.7	06	0	57	8	-3.5	06	2	/	/	6.55	/	/	/
	11-20	22.3	/	9	6	13.7	7.0	10.3	/	3.3	16	0	60	8	0.1	16	0	/	/	2.34	/	/	/
	21-end	4.0	/	6	1	17.5	8.5	13.0	/	4.8	22	0	94	33	4.2	28	0	/	/	7.31	/	/	/
	Month	39.8	/	20	10	15.4	7.0	11.2	/	0.7	06	0	211	49	-3.5	06	2	/	/	5.46	/	/	/
Cahiriveon e (Valentia Obsy.) Co. Kerry	1-10	15.2	-	5	5	14.6	6.7	10.6	-	1.0	06	0	63	11	-2.1	06	1	12.5	-	7.03	-	5	0
	11-20	7.0	-	5	3	13.5	7.4	10.4	-	2.2	16	0	61	8	0.2	16	0	13.1	-	3.36	-	4	0
	21-end	1.4	-	2	0	17.0	8.7	12.9	-	3.6	22	0	93	32	0.9	22	0	16.2	-	6.38	-	4	0
	Month	23.6	27	12	8	15.1	7.6	11.4	-0.1	1.0	06	0	217	51	-2.1	06	1	14.0	+0.8	5.62	86	4	0

Notes on the tables in January issue

TABLE 1 (Continued)

May, 1978

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 <sup>-1</sup> )	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
Tralee (Caherweesheen) Co. Kerry	1-10	13.1	/	3	3	15.9	5.5	10.7	/	0.0	06	0	63	13	-4.1	06	2	/	/	6.94	/	/	/
	11-20	8.4	/	5	3	14.4	7.4	10.9	/	3.8	16	0	66	10	-1.3	16	1	/	/	3.39	/	/	/
	21-end	3.8	/	2	1	18.0	8.3	13.1	/	4.8	25	0	96	35	3.0	25	0	/	/	5.74	/	/	/
	Month	25.3	/	10	7	16.1	7.1	11.6	/	0.0	06	0	225	58	-4.1	06	3	/	/	5.37	/	/	/
Lullymore Co. Kildare	1-10	8.6	/	6	3	13.1	3.7	8.4	/	-0.6	05	1	40	3	-5.6	05	4	/	/	2.91	/	3	/
	11-20	5.9	/	3	2	15.3	4.3	9.8	/	-0.5	16	1	54	6	-3.5	20	4	/	/	5.23	/	3	/
	21-end	1.9	/	2	1	20.0	6.2	13.0	/	2.3	21	0	95	34	-2.5	22	3	/	/	8.14	/	2	/
	Month	16.4	/	11	6	16.2	4.8	10.5	/	-0.6	05	2	189	43	-5.6	05	11	/	/	5.51	/	3	/
Kilkenny Co. Kilkenny	1-10	13.4	-	5	5	14.1	4.6	9.4	-	0.9	05	0	50	7	-2.9	05	4	10.9	-	4.21	-	2	0
	11-20	7.1	-	5	2	15.5	5.8	10.7	-	1.8	16	0	63	10	-1.5	16	4	13.7	-	3.09	-	2	0
	21-end	3.1	-	4	1	19.6	7.7	13.6	-	4.4	21	0	102	40	-0.5	21	1	17.6	-	7.70	-	2	0
	Month	23.6	37	14	8	16.5	6.1	11.3	+0.2	0.9	05	0	215	57	-2.9	05	9	14.2	+1.2	5.09	78	2	0
Mooncoin (Silverspring) Co. Kilkenny	1-10	17.0	/	5	4	14.7	5.3	10.0	/	2.8	10	0	56	7	-2.5	06	5	/	/	4.40	/	/	/
	11-20	5.9	/	4	2	15.6	5.7	10.6	/	1.7	19	0	62	11	-3.1	19	4	/	/	5.57	/	/	/
	21-end	1.8	/	4	1	19.2	7.5	13.3	/	3.4	21	0	103	42	-1.6	21	2	/	/	7.56	/	/	/
	Month	24.7	/	13	7	16.5	6.2	11.4	/	1.7	19	0	221	60	-3.1	19	11	/	/	5.90	/	/	/
Ballinamore Co. Leitrim	1-10	5.6	/	2	2	13.6	5.6	9.6	/	-0.2	05	1	52	9	NA	NA	/	/	/	3.02	/	/	/
	11-20	4.2	/	3	3	15.3	5.1	10.2	/	2.0	20	0	58	6	NA	NA	/	/	/	4.91	/	NA	/
	21-end	10.4	/	4	2	19.7	7.9	13.8	/	2.1	22	0	104	42	/	/	/	/	/	7.93	/	NA	/
	Month	20.2	/	9	7	16.3	6.3	11.3	/	-0.2	05	1	214	57	/	/	/	/	/	5.37	/	/	/
Ardee (Boharnamoe) Co. Louth	1-10	26.0	/	9	5	12.8	4.9	8.8	/	-0.2	05	1	45	4	-4.4	05	4	/	/	/	/	/	/
	11-20	8.4	/	4	3	14.7	4.6	9.6	/	0.2	20	0	53	5	-2.9	20	4	/	/	/	/	/	/
	21-end	1.4	/	1	1	19.4	7.4	13.4	/	2.2	22	0	99	38	-1.8	22	1	/	/	/	/	/	/
	Month	35.8	/	14	9	15.7	5.7	10.7	/	-0.2	05	1	197	47	-4.4	05	9	/	/	/	/	/	/
Ballinrobe (Creagh) Co. Mayo	1-10	7.4	/	2	2	13.8	4.5	9.2	/	1.6	05	0	48	6	-4.6	06	3	/	/	4.44	/	3	/
	11-20	5.5	/	6	2	15.0	5.9	10.4	/	1.9	16	0	61	8	-2.7	16	3	/	/	4.98	/	2	/
	21-end	4.1	/	4	1	18.5	8.0	13.3	/	5.2	21	0	93	31	1.9	23	0	/	/	7.81	/	2	/
	Month	17.0	/	12	5	15.9	6.2	11.0	/	1.6	05	0	202	45	-4.6	06	6	/	/	5.81	/	2	/

Notes on the tables in January issue

TABLE 1 (Continued)

May, 1978

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 <sup>-1</sup> )	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	22.8	-	3	2	13.4	5.5	9.4	-	0.9	06	0	51	6	-2.1	06	1	10.8	-	5.45	-	5	0
	11-20	10.1	-	5	2	13.7	6.9	10.3	-	1.8	16	0	59	6	-0.6	16	1	13.1	-	5.76	-	5	1
	21-end	5.6	-	4	2	16.2	9.4	12.8	-	7.4	30	0	92	31	4.6	30	0	15.9	-	7.06	-	5	0
	Month	38.5	57	12	6	14.5	7.3	10.9	-0.1	0.9	06	0	202	43	-2.1	06	2	13.4	+0.8	6.12	90	5	1
Claremorris e Co. Mayo	1-10	6.0	-	2	2	13.3	5.0	9.1	-	0.7	05	0	48	6	-3.8	05	2	10.3	-	3.74	-	4	0
	11-20	7.1	-	5	2	15.1	5.8	10.5	-	2.6	16	0	61	7	-0.3	16	1	12.3	-	4.35	-	3	1
	21-end	3.4	-	3	1	19.0	8.1	13.6	-	4.7	23	0	101	40	2.8	23	0	16.4	-	6.76	-	3	0
	Month	16.5	23	10	5	15.9	6.3	11.1	+0.6	0.7	05	0	210	53	-3.8	05	3	13.1	+1.1	5.01	82	3	1
Glenamoy Co. Mayo	1-10	23.2	/	5	5	13.5	4.4	9.0	/	-0.1	06	1	46	4	-1.5	06	2	/	/	4.52	/	/	/
	11-20	8.4	/	5	4	14.3	5.7	10.0	/	0.2	16	0	56	6	-1.5	16	2	/	/	5.16	/	NA	/
	21-end	3.8	/	2	1	17.9	8.3	13.1	/	3.7	30	0	96	35	1.9	30	0	/	/	6.21	/	NA	/
	Month	35.4	/	12	10	15.3	6.2	10.8	/	-0.1	06	1	198	45	-1.5	16	4	/	/	5.33	/	NA	/
Dunsany (Grange) Co. Meath	1-10	7.9	-	5	3	12.6	3.9	8.2	/	-1.0	05	1	39	3	-7.0	05	5	/	/	2.86	/	/	/
	11-20	13.2	-	5	4	14.8	4.5	9.6	/	-0.7	20	1	52	6	-4.6	20	4	/	/	5.40	/	NA	/
	21-end	0.9	-	2	0	19.7	7.7	13.7	/	0.7	22	0	103	42	-2.7	22	3	/	/	8.86	/	NA	/
	Month	22.0	34	12	7	15.8	5.4	10.6	/	-1.0	05	2	194	51	-7.0	05	12	/	/	5.81	/	NA	/
Clones e Co. Monaghan	1-10	7.9	-	4	3	12.7	5.7	9.2	-	1.0	05	0	48	8	-2.5	05	2	9.6	-	2.67	-	4	0
	11-20	5.9	-	5	3	14.7	5.8	10.2	-	2.9	20	0	58	6	-2.0	16	2	11.5	-	5.15	-	3	0
	21-end	1.6	-	2	0	19.8	8.6	14.2	-	4.4	22	0	108	46	-2.0	22	1	15.5	-	8.68	-	3	0
	Month	15.4	22	11	6	15.9	6.7	11.3	+0.8	1.0	05	0	214	60	-2.5	05	5	12.3	0.0	5.28	90	3	0
Birr e Co. Offaly	1-10	5.5	-	4	2	13.7	5.2	9.4	-	-0.4	05	1	50	9	-3.5	05	2	10.6	-	4.28	-	3	0
	11-20	8.0	-	4	2	15.0	5.8	10.4	-	2.8	19	0	60	7	-0.6	20	4	13.1	-	3.72	-	2	0
	21-end	1.3	-	2	1	19.6	8.8	14.2	-	4.5	23	0	108	46	-0.6	23	1	17.7	-	7.23	-	2	0
	Month	14.8	22	10	5	16.2	6.7	11.4	+0.4	-0.4	05	1	218	62	-3.5	05	7	13.9	+0.9	5.15	82	2	0
Thurles Co. Tipperary	1-10	8.4	-	3	3				-									/	/	/	/	/	/
	11-20	3.6	-	3	1				-									/	/	/	/	/	/
	21-end	0.5	-	1	0				-									/	/	/	/	/	/
	Month	12.5	18	7	4				-									/	/	/	/	/	/

Notes on the tables in January issue



TABLE 2

SOLAR RADIATION (GLOBAL), POTENTIAL EVAPOTRANSPIRATION (P.E.) AND SOIL MOISTURE May, 1978

STATION	PERIOD	SOLAR RADIATION	P.E. (mm)	SOIL MOISTURE (mm)		
		Amount Joule/cm <sup>2</sup>	Amount	Deficit	Accumulated Deficit	Surplus
Carlow (Oak Park) Co. Carlow	1-10		13	2	6	-
	11-20		23	17	23	-
	21-end	-	27	21	44	-
	Month		63	-	-	-
Kinsealy* Co. Dublin	1-10	11581	9	0	8	0
	11-20	18491	21	10	18	-
	21-end	24022	32	29	47	-
	Month	54094	62	-	-	-
Cahirciveen e (Valentia Obsy.) Co. Kerry	1-10	18211	18	4	7	-
	11-20	14151	13	5	12	-
	21-end	20623	25	23	35	-
	Month	52985	56	-	-	-
Kilkenny e Co. Kilkenny	1-10	14831				
	11-20	17528	-	-	-	-
	21-end	23056				
	Month	55415				
Ballinamore Co. Leitrim	1-10		12	6	17	-
	11-20		20	16	33	-
	21-end	-	32	20	53	-
	Month		64	-	-	-
Glenamoy/ Co. Mayo	1-10		13	-	9	11
	11-20		14	5	14	-
	21-end	-	36	32	46	-
	Month		63	-	-	-
Birr e Co. Offaly	1-10	14020				
	11-20	15481	-	-	-	-
	21-end	21954				
	Month	51455				
Johnstown Castle Co. Wexford	1-10		11	-	0	4
	11-20		22	7	7	-
	21-end	-	31	30	37	-
	Month		64	-	-	-

\*, /, See notes in January issue.