

# METEOROLOGICAL SERVICE



## AGROMETEOROLOGICAL BULLETIN

JUNE 1979

### The Weather of June

Early June was cloudy and rather close at times. Spells of rain were widespread, sometimes thundery or heavy. A warm humid spell slowly spread northwards in the period 9th to 12th. The development of a ridge of high pressure gave a dry spell between 15th and 20th. Further troughs affecting the country thereafter were generally more active in northwestern regions than in the southeast regions, although heavy thunderstorms occurred in these latter regions on the 24th.

Mean Monthly Rainfall amounts were below normal for most of the country. It ranged from 41% of average at Clones to 138% at Cork Airport. The wettest periods were 5th/6th, 12th/13th and 22nd/24th. Powdery mildew was widely reported in cereals, and was most favoured by the weather 1st/2nd, 15th/20th and 25th/30th; Rynchosporium was favoured in the periods 5th/6th and 9th/12th. Southern and western regions had well above average numbers of potato blight hours but other regions escaped with little. Light weather was most prevalent in the period 9th/12th. Soil moisture deficits remained near zero in western regions but were some 50 mm in Eastern regions by the end of the month.

Mean Monthly Air Temperature was below normal except in the East. It ranged from 1.1<sup>o</sup> C below average in the south to 0.2<sup>o</sup> C above average at Dublin Airport. Day-time maxima were mostly below average except in the periods 1st/3rd, 10th, 17th/20th and on the 28th. With a few exceptions the nights were mostly mild and ground frost was rare. Soil temperature at 10 cm ranged from being average in the East to 1.2<sup>o</sup> C below average in the Midlands. They exceeded average for the short period between 15th and 20th.

Mean Monthly Duration of Bright Sunshine was below average in all places. Values ranged between 63% in the south to 87% in the Midlands, many places getting some 77% of average.

Summary. June was dull, dry and rather cool with no strong winds occurring.

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

June, 1979

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				
Carlow (Oak Park) Co. Carlow	1-10	33.8	/	2	2	17.6	8.8	13.2	/	5.0	01	0	88	32	1.3	01	0	/	/	4.22	/	2	/
	11-20	7.5	/	5	4	18.8	10.4	14.6	/	7.7	18	0	102	46	5.5	18	0	/	/	5.46	/	3	/
	21-end	4.0	/	3	2	16.7	8.8	12.7	/	5.6	25	0	84	28	1.6	25	0	/	/	4.60	/	3	/
	Month	45.3	/	10	8	17.7	9.3	13.5	/	5.0	01	0	274	106	1.3	01	0	/	/	4.76	/	3	/
Shannon Airport Co. Clare	1-10	35.3	-	6	4	16.8	10.0	13.4	-	7.4	01	0	90	34	3.0	02	0	15.0	-	3.58	-	4	0
	11-20	17.0	-	5	3	18.9	11.6	15.3	-	8.9	17	0	111	55	5.7	17	0	16.7	-	6.23	-	5	1
	21-end	13.6	-	7	4	16.6	10.7	13.7	-	8.7	25	0	93	37	4.7	25	0	16.4	-	4.49	-	5	1
	Month	65.9	106	18	11	17.4	10.8	14.1	-0.2	7.4	01	0	294	126	3.0	02	0	16.1	-0.4	4.77	79	5	2
Fermoy (Moore Park) Co. Cork	1-10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	11-20	/	/	/	/	NOT	AVAILABLE	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	21-end	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Month	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Mallow Co. Cork	1-10	56.8	-	7	6	16.1	9.1	12.6	/	3.5	01	0	82	26	0.8	01	0	/	/	3.17	/	/	/
	11-20	15.6	-	4	3	18.3	10.4	14.4	/	8.0	17	0	100	44	4.4	18	0	/	/	4.97	/	/	/
	21-end	2.4	-	3	1	16.3	9.5	12.9	/	5.0	26	0	85	29	3.6	26	0	/	/	3.47	/	/	/
	Month	74.8	136	14	10	16.9	9.7	13.3	/	3.5	01	0	267	99	0.8	01	0	/	/	3.87	/	/	/
Roche's Point Co. Cork	1-10	42.6	-	8	6	14.5	10.0	12.3	-	8.2	02	0	79	23	1.4	02	0	14.0	-	3.65	-	4	0
	11-20	6.4	-	3	3	16.0	11.1	13.5	-	9.9	15	0	92	36	7.2	19	0	15.6	-	4.83	-	4	1
	21-end	2.9	-	3	1	15.4	9.5	12.5	-	7.3	24	0	81	25	2.6	24	0	15.5	-	4.01	-	5	1
	Month	51.9	96	14	10	15.3	10.2	12.8	-1.1	7.3	24	0	252	84	1.4	02	0	15.0	-1.0	4.16	63	4	2
Glencolumbkille Co. Donegal	1-10	28.0	/	6	4	16.3	8.7	12.5	/	6.5	05	0	81	25	3.6	02	0	/	/	4.50	/	3	/
	11-20	10.1	/	6	3	17.0	10.0	13.5	/	7.8	14	0	91	35	3.0	18	0	/	/	1.91	/	3	/
	21-end	48.8	/	7	5	13.8	8.3	11.1	/	5.0	24	0	67	11	0.0	24	0	/	/	2.54	/	4	/
	Month	86.9	/	19	12	15.7	9.0	12.3	/	5.0	24	0	239	71	0.0	24	0	/	/	2.98	/	3	/
Glenties Co. Donegal	1-10	33.7	-	7	5	16.9	6.6	11.8	/	2.3	01	0	74	18	-3.8	01	2	/	/	5.58	/	/	/
	11-20	24.8	-	6	4	17.7	8.8	13.2	/	4.5	18	0	89	33	2.0	18	0	/	/	3.76	/	/	/
	21-end	36.3	-	7	7	14.0	6.0	10.0	/	0.5	24	0	56	6	-2.2	27	2	/	/	2.84	/	/	/
	Month	94.8	82	20	16	16.2	7.1	11.7	/	0.5	24	0	219	57	-3.8	01	4	/	/	4.06	/	/	/

Notes on the tables in January issue

TABLE 1 (Continued)

June, 1979

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C														BRIGHT SUNSHINE		WIND	
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAYS	AIR							GROUND			SOIL (10 CM)				MEAN DAILY (ERS.)	% 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-TEMP."	DATE	DAYS WITH GROUND FROST	MEAN DAILY	DIFFERENCE FROM AVERAGE				
Malin Head Co. Donegal	1-10	15.5	-	3	2	13.8	9.1	11.4	-	7.3	01	0	70	15	2.5	10	0	14.5	-	5.17	-	4	2
	11-20	24.2	-	6	5	16.0	9.9	13.0	-	7.6	14	0	86	30	5.9	18	0	16.0	-	4.41	-	5	2
	21-end	28.8	-	8	6	13.9	8.6	11.3	-	5.5	24	0	69	14	2.9	24	0	14.6	-	5.46	-	8	4
	Month	68.5	98	17	13	14.6	9.2	11.9	-0.6	5.5	24	0	225	59	2.5	10	0	15.0	-0.1	5.01	85	6	3
Casement Aerodrome Co. Dublin	1-10	8.7	-	3	3	17.0	8.5	12.8	-	5.8	01	0	84	28	1.8	01	0	14.9	-	5.02	-	3	0
	11-20	23.3	-	5	3	19.0	10.3	14.6	-	8.6	15	0	104	48	6.0	16	0	16.5	-	5.56	-	3	0
	21-end	19.2	-	6	3	17.1	8.6	12.8	-	5.8	25	0	84	28	3.4	25	0	15.4	-	4.50	-	6	2
	Month	51.2	109	14	9	17.7	9.1	13.4	-0.3	5.8	25	0	272	104	1.8	01	0	15.6	-	5.03	81	4	2
Dublin Airport Co. Dublin	1-10	2.5	-	2	1	16.4	9.3	12.8	-	7.7	02	0	84	28	-0.7	02	1	15.8	-	6.29	-	3	0
	11-20	27.7	-	4	3	18.6	11.7	15.1	-	9.1	15	0	108	52	7.0	20	0	17.9	-	6.32	-	4	1
	21-end	13.8	-	4	3	17.2	9.6	13.4	-	6.2	25	0	92	36	4.6	25	0	16.2	-	4.32	-	5	1
	Month	44.0	80	10	7	17.4	10.2	13.8	+0.2	6.2	25	0	284	116	-0.7	02	1	16.6	0.0	5.64	86	4	2
Kinsealy Co. Dublin	1-10	2.3	/	2	2	15.8	8.1	11.9	/	4.8	02	0	76	20	NA					7.04	/	2	/
	11-20	15.2	/	5	5	18.0	9.4	13.7	/	8.3	20	0	98	42	NA					6.00	/	3	/
	21-end	13.1	/	3	1	17.3	9.3	13.3	/	5.6	25	0	89	33	NA					NA	/	4	/
	Month	30.6	/	10	8	17.0	8.9	13.0	/	4.8	02	0	263	95	-					-	/	3	/
Galway Co. Galway	1-10	25.0	-	5	4	17.2	9.1	13.2	-	6.2	02	0	88	32	4.3	02	0	14.7	-	4.94	-	4	0
	11-20	34.6	-	5	3	17.7	11.4	14.6	-	9.4	14	0	102	46	7.5	14	0	16.5	-	5.06	-	4	0
	21-end	12.3	-	7	3	15.3	9.9	12.6	-	7.3	25	0	82	26	4.8	26	0	14.9	-	4.18	-	6	1
	Month	71.9	-	17	10	16.7	10.2	13.4	-	6.2	02	0	272	104	4.3	02	0	15.4	-	4.73	-	5	1
Killarney (Muckross Hse) Co. Kerry	1-10	31.7	/	8	7	15.9	10.2	13.1	/	8.2	01	0	87	31	4.4	01	0			4.19	/		/
	11-20	24.8	/	4	4	18.4	10.2	14.3	/	7.0	16	0	99	43	3.5	19	0			5.18	/		/
	21-end	9.9	/	4	3	15.3	10.5	12.9	/	6.4	26	0	85	29	1.0	26	0			2.57	/		/
	Month	66.4	/	16	14	16.5	10.3	13.4	/	6.4	26	0	271	103	1.0	26	0			3.98	/		/
Cahiriveen (Valentia Obsy.) Co. Kerry	1-10	38.4	-	8	7	16.0	10.2	13.1	-	8.4	05	0	87	31	6.4	02	0	15.4	-	4.87	-	4	0
	11-20	28.8	-	3	3	16.7	10.3	13.5	-	7.7	17	0	92	36	4.5	19	0	16.5	-	6.97	-	4	0
	21-end	10.1	-	7	4	14.8	10.4	12.6	-	8.1	26	0	83	27	3.9	25	0	15.3	-	3.25	-	5	0
	Month	77.3	99	18	14	15.9	10.3	13.1	-0.7	7.7	17	0	262	94	3.9	25	0	15.8	-0.4	5.03	85	4	0

Notes on the tables in January issue

TABLE 1 (Continued)

June, 1979

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 <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
Tralee Lisdera Co. Kerry	1-10	28.5	/	6	6	17.0	9.8	13.4	/	6.7	01	0	90	34	4.9	02	0	/	/	NA	/	/	/
	11-20	33.4	/	6	5	18.1	10.4	14.2	/	8.6	17	0	99	43	5.0	17	0	/	/	NA	/	/	/
	21-end	11.5	/	5	3	15.9	10.6	13.3	/	7.8	26	0	89	33	4.7	25	0	/	/	2.73	/	/	/
	Month	73.4	/	17	14	17.0	10.3	13.6	/	6.7	01	0	278	110	4.7	25	0	/	/	-	/	/	/
Lullymore Co. Kildare	1-10	34.7	/	4	4	NA	7.3	-	/	3.4	01	0	NA	NA	1.0	02	0	/	/	NA	/	2	/
	11-20	17.0	/	5	5	18.4	10.1	14.3	/	7.9	19	0	99	43	4.8	18	0	/	/	NA	/	NA	/
	21-end	12.9	/	7	3	16.6	7.8	12.2	/	3.2	24	0	78	22	-1.6	24	2	/	/	NA	/	NA	/
	Month	64.6	/	16	12	-	8.4	-	/	3.2	24	0	-	-	-1.6	24	2	/	/	-	/	-	/
Kilkenny Co. Kilkenny	1-10	29.1	-	5	3	16.7	8.6	12.7	-	3.1	01	0	83	27	0.0	01	0	15.6	-	3.39	-	2	0
	11-20	5.0	-	3	2	19.0	10.0	14.5	-	7.0	18	0	101	45	1.0	18	0	17.5	-	5.46	-	2	0
	21-end	7.9	-	4	3	16.9	7.9	12.4	-	3.9	24	0	80	25	-0.8	25	2	16.3	-	3.65	-	3	0
	Month	42.0	78	12	8	17.5	8.8	13.2	-0.7	3.1	01	0	264	97	-0.8	25	2	16.5	-0.5	4.17	68	2	0
Mooncoin (Silverspring) Co. Kilkenny	1-10	45.0	/	7	4	16.6	8.5	12.5	/	3.5	01	0	82	26	-0.7	01	1	/	/	3.31	/	/	/
	11-20	13.7	/	4	2	18.5	10.0	14.2	/	6.7	18	0	99	43	2.5	18	0	/	/	5.58	/	/	/
	21-end	12.6	/	3	2	17.0	8.4	12.7	/	3.9	25	0	83	27	-1.2	25	2	/	/	5.01	/	/	/
	Month	71.3	/	14	8	17.3	9.0	13.2	/	3.5	01	0	264	96	-1.2	25	3	/	/	4.63	/	/	/
Ballinamore Co. Leitrim	1-10	31.2	/	6	5	17.6	8.1	12.9	/	5.4	05	0	85	29	-0.4	01	1	/	/	NA	/	2	/
	11-20	30.2	/	5	5	18.2	10.3	14.2	/	7.9	19	0	99	43	3.0	19	0	/	/	4.56	/	3	/
	21-end	5.4	/	7	1	15.2	7.8	11.5	/	4.0	24	0	71	16	-0.8	24	1	/	/	3.23	/	3	/
	Month	66.8	/	18	11	17.0	8.7	12.9	/	4.0	24	0	255	88	-0.8	24	2	/	/	-	/	3	/
Ardee (Boharnamoe) Co. Louth	1-10	9.1	/	4	3	16.7	9.7	13.2	/	5.7	10	0	87	31	3.7	07	0	/	/	/	/	/	/
	11-20	23.2	/	5	4	18.7	10.5	14.6	/	8.1	15	0	102	46	5.7	20	0	/	/	/	/	/	/
	21-end	10.2	/	6	4	17.4	7.6	12.5	/	3.9	27	0	81	25	-1.0	25	2	/	/	/	/	/	/
	Month	42.5	/	15	11	17.6	9.3	13.4	/	3.9	27	0	270	102	-1.0	25	2	/	/	/	/	/	/
Ballinrobe (Creagh) Co. Mayo	1-10	11.6	/	5	3	18.0	NA	-	/	NA	-	-	-	NA	-	-	-	/	/	5.41	/	3	/
	11-20	11.8	/	6	2	17.9	NA	-	/	NA	-	-	-	NA	-	-	-	/	/	5.05	/	3	/
	21-end	5.5	/	6	3	15.1	NA	-	/	NA	-	-	-	NA	-	-	-	/	/	4.11	/	4	/
	Month	28.9	/	17	8	17.0	NA	-	/	NA	-	-	-	NA	-	-	-	/	/	4.86	/	3	/

Notes on the tables in January issue

TABLE 1 (Continued)

June, 1979

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	14.7	-	5	3	15.7	9.3	12.5	-	6.0	05	0	82	26	2.1	05	0	14.7	-	5.35	-	5	0
	11-20	6.7	-	5	4	15.9	10.7	13.3	-	7.3	12	0	90	34	5.2	12	0	15.9	-	4.11	-	6	0
	21-end	27.6	-	8	5	14.0	9.7	11.8	-	7.7	26	0	75	19	3.5	24	0	15.1	-	5.24	-	7	2
	Month	49.0	67	18	12	15.2	9.9	12.5	-0.9	6.0	05	0	247	79	2.1	05	0	15.2	-0.5	4.90	77	6	2
Claremorris e Co. Mayo	1-10	17.2	-	5	4	17.2	8.1	12.7	-	4.7	02	0	83	27	2.0	02	0	14.0	-	4.60	-	3	0
	11-20	15.2	-	5	5	17.9	10.5	14.2	-	8.1	19	0	98	42	5.2	19	0	15.3	-	3.71	-	4	0
	21-end	9.3	-	7	5	15.3	8.5	11.9	-	5.5	25	0	76	20	3.1	25	0	14.3	-	3.42	-	5	4
	Month	41.7	53	17	14	16.8	9.1	12.9	-0.1	4.7	02	0	257	89	2.0	02	0	14.5	-0.7	3.91	71	4	4
Glenamoy Co. Mayo	1-10	10.2	/	5	3	16.3	8.6	12.5	/	4.1	05	0	81	25	1.2	05	0	/	/	4.84	/	/	/
	11-20	14.8	/	5	4	17.3	9.7	13.5	/	6.0	12	0	91	35	4.9	12	0	/	/	3.86	/	NA	/
	21-end	24.3	/	7	3	14.6	8.9	11.8	/	5.5	25	0	74	18	4.3	25	0	/	/	4.08	/	/	/
	Month	49.3	/	17	10	16.1	9.1	12.6	/	4.1	05	0	246	78	1.2	05	0	/	/	4.26	/	/	/
Dunsany (Grange) Co. Meath	1-10	5.4	-	3	3	16.7	8.1	12.4	/	5.5	01	0	80	24	-1.3	01	1	/	/	5.15	/	/	/
	11-20	31.9	-	5	5	18.5	10.6	14.5	/	8.5	15	0	102	46	3.3	19	0	/	/	5.55	/	NA	/
	21-end	8.4	-	5	2	16.4	8.0	12.2	/	4.0	24	0	79	23	NA	-	-	/	/	NA	/	/	/
	Month	45.7	75	13	10	17.2	8.9	13.0	/	4.0	24	0	261	93	-	-	-	/	/	NA	/	/	/
Clones e Co. Monaghan	1-10	12.6	-	5	3	17.5	8.6	13.0	-	6.0	01	0	87	31	0.6	01	0	14.4	-	5.13	-	3	0
	11-20	11.3	-	5	4	18.2	10.4	14.3	-	8.6	15	0	99	43	4.9	19	0	15.4	-	5.07	-	3	2
	21-end	6.8	-	7	3	15.6	7.8	11.7	-	4.0	24	0	73	17	0.2	24	0	13.9	-	3.51	-	5	1
	Month	30.7	41	17	10	17.1	9.0	13.0	-0.2	4.0	24	0	259	91	0.2	24	0	14.6	-1.2	4.57	84	4	3
Birr e Co. Offaly	1-10	32.4	-	5	4	17.1	8.6	12.9	-	5.4	01	0	85	29	1.6	01	0	15.0	-	3.77	-	2	0
	11-20	11.2	-	5	4	18.6	10.9	14.7	-	8.6	17	0	104	48	4.6	17	0	17.3	-	5.44	-	3	0
	21-end	2.9	-	5	0	16.1	8.8	12.4	-	5.4	25	0	81	25	3.5	24	0	16.2	-	3.61	-	4	1
	Month	46.5	86	15	8	17.3	9.4	13.4	-0.4	5.4	25	0	270	102	1.6	01	0	16.2	-0.4	4.27	71	3	1
Thurles Co. Tipperary	1-10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	11-20	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	21-end	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Month	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Notes on the tables in January issue

TABLE 1 (Continued)

June, 1979

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
Dungarvan (Ballygagin) Co. Waterford	1-10	59.3	/	7	4	15.7	9.1	12.4	/	5.5	01	0	81	25	4.2	01	0	/	/	3.17	/	2	/
	11-20	7.5	/	4	2	18.2	10.8	14.5	/	7.8	19	0	101	45	7.5	15	0	/	/	6.48	/	2	/
	21-end	2.2	/	2	1	17.4	9.2	13.3	/	5.8	24	0	89	33	4.7	24	0	/	/	5.14	/	2	/
	Month	69.0	/	13	7	17.1	9.7	13.4	/	5.5	01	0	271	103	4.2	01	0	/	/	4.93	/	2	/
Mullingar e Co. Westmeath	1-10	13.4	-	6	3	17.5	8.3	12.9	-	5.0	01	0	86	30	1.6	01	0	14.5	-	5.39	-	3	0
	11-20	12.2	-	5	4	18.2	10.3	14.3	-	8.3	18	0	99	43	5.5	18	0	15.6	-	5.34	-	3	1
	21-end	6.3	-	7	4	16.1	7.9	12.0	-	2.8	24	0	76	22	-0.6	25	1	14.5	-	4.30	-	5	2
	Month	31.9	46	18	11	17.3	8.8	13.1	0.0	2.8	24	0	261	95	-0.6	25	1	14.9	-1.1	5.01	87	4	3
Campile (Ballysop) Co. Wexford	1-10	27.3	/	5	5	16.0	8.8	12.4	/	5.8	01	0	81	25	0.5	05	0	/	/	NA	/	NA	/
	11-20	10.7	/	4	4	17.4	10.0	13.7	/	8.1	17	0	93	37	4.0	17	0	/	/	5.60	/	NA	/
	21-end	1.5	/	3	0	16.4	8.4	12.4	/	6.0	24	0	80	24	1.0	25	0	/	/	4.67	/	NA	/
	Month	39.5	/	12	9	16.6	9.1	12.8	/	5.8	01	0	254	86	0.5	05	0	/	/	-	/	NA	/
Clonroche Co. Wexford	1-10	33.3	/	4	2	16.3	8.4	12.3	/	4.4	01	0	80	24	-2.5	01	2	/	/	3.40	/	2	/
	11-20	5.7	/	3	2	17.8	9.6	13.7	/	8.0	17	0	93	37	3.0	17	0	/	/	5.56	/	2	/
	21-end	5.3	/	3	1	16.5	8.9	12.7	/	4.8	25	0	79	23	-2.6	25	3	/	/	4.62	/	3	/
	Month	44.3	/	10	5	16.8	9.0	12.9	/	4.4	01	0	252	84	-2.6	25	5	/	/	4.53	/	2	/
Johnstown Castle Co. Wexford	1-10	26.3	-	5	3	15.6	8.9	12.3	/	6.4	01	0	79	23	-1.1	01	1	/	/	3.68	/	3	/
	11-20	4.4	-	3	2	17.3	10.3	13.8	/	8.7	15	0	94	38	5.0	15	0	/	/	6.06	/	3	/
	21-end	9.4	-	3	2	16.1	9.0	12.6	/	7.1	29	0	82	26	0.2	29	0	/	/	5.64	/	4	/
	Month	40.1	62	11	7	16.4	9.4	12.9	/	6.4	01	0	255	87	-1.1	01	1	/	/	5.13	/	3	/
Rosslare e Co. Wexford	1-10	21.8	-	4	2	14.6	9.7	12.1	-	7.9	01	0	78	22	4.0	01	0	15.3	-	3.83	-	4	0
	11-20	2.4	-	3	1	17.0	10.7	13.9	-	9.5	15	0	95	39	6.9	15	0	17.2	-	5.71	-	4	1
	21-end	15.9	-	4	3	16.1	9.6	12.9	-	7.6	24	0	85	29	4.1	22	0	16.4	-	5.87	-	5	0
	Month	40.1	72	11	6	15.9	10.0	13.0	-0.8	7.6	24	0	258	90	4.0	01	0	16.3	-0.7	5.14	68	4	1

Notes on the tables in January issue

TABLE 2

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

June, 1979

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		14	-	0	19
	11-20		7	3	3	-
	21-end		27	20	23	-
	Month		48	-	-	-
Kinsealy* Co. Dublin	1-10	19051	29	25	25	-
	11-20	19695	14	-	23	2
	21-end	18449	34	19	42	-
	Month	57195	77	-	-	-
Cahircoiveen e (Valentia Obsy.) Co. Kerry	1-10	15866	27	-	0	7
	11-20	19871	17	-	0	11
	21-end	16195	25	10	10	-
	Month	51932	69	-	-	-
Kilkenny e Co. Kilkenny	1-10	16046				
	11-20	18937	-	-	-	-
	21-end	17250				
	Month	52233				
Ballinamore Co. Leitrim	1-10		21	NA	0	NA
	11-20		19	-	0	9
	21-end		28	18	18	-
	Month		68	-	-	-
Glenamoy/ Co. Mayo	1-10		22	12	12	-
	11-20		26	14	26	-
	21-end		23	-	22	4
	Month		71	-	-	-
Birr e Co. Offaly	1-10	15839				
	11-20	18976				
	21-end	16628				
	Month	51443				
Johnstown Castle Co. Wexford	1-10		21	-	0	5
	11-20		18	14	14	-
	21-end		27	18	32	-
	Month		66	-	-	-

\*, /, See notes in January issue.