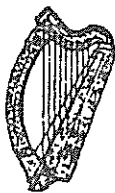


METEOROLOGICAL SERVICE



AGROMETEOROLOGICAL BULLETIN

JUNE 1977

The Weather in June

The first three days were dry and sunny. Ground frost occurred in some areas but it was warm inland during the afternoons. From 4th to 12th it was very cool and showery with hail or thunder in places on 7th and 9th. On 11th a cold northerly windflow kept maximum temperatures below 11°C over the eastern half of the country. Some heavy falls of rain occurred on 11th and 12th. Ground frost was widespread between 8th and 10th.

Between 13th and 16th Munster and the south-east of Leinster had occasional showers but elsewhere it was largely dry. Winds were northeasterly and it remained cool. From 17th to 23rd the weather was dry. While temperatures rose gradually, ground frost affected some areas late at night. Between 20th and 23rd it was warm and sunny.

During the last week air temperatures were about normal. There were spells of rain, some heavy on 24th and 30th. Conditions were suitable for the spread of potato blight at times.

Mean Monthly Rainfall Amounts ranged from 50% to 85% of normal in most areas. However, in the east and midlands totals varied from 100% to 140% of normal.

Mean Monthly Air Temperatures were from 1.0°C to 2.0°C below normal. Only between 1st and 3rd and from 20th to 23rd did maximum air temperatures commonly exceed 20°C . Soil temperatures at 10mm (4 inches) ranged from 1.0°C to 1.5°C below normal in the eastern half of the country but were close to normal values in the western half. In parts of the northwest 10mm soil temperatures were nearly 1°C above normal. Ground frost was sharp in some areas on 1st, 8th, 9th, 14th, 20th, 22nd and 23rd.

Mean Daily Duration of Bright Sunshine was from 5% to 25% above normal in the northern half of the country; in the southern half values were from 5% to 20% below normal. Malin Head recorded a mean daily value of 7.3 hours while Birr had only 4.8 hours.

Summary. June was cool. Soil moisture deficits ranged from 50mm to 75mm (2 to 3 inches) during the month. Growing conditions were poor at first but improved during the last ten days. There were short spells of weather suitable for the spread of potato blight chiefly during the last week but May-June totals of effective light hours were below normal everywhere.

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.

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

JUNE, 1977

STATION	PERIOD	RAINFALL				TEMPERATURE										BRIGHT SUNSHINE		WIND			
		Amount	Percentage of Average	No. of Rain Days	No. of Wet Days	AIR					GROUND			SOIL (10 cm)		Mean Daily	Percentage of Average	Mean Speed	No. of Days with Gale Gusts		
						Mean Daily	Difference from Average	Lowest Minimum	Day	No. of Days with Aft Frost	Degree Days Above 4.4°C	Degree Days Above 10.0°C	Lowest Grass Minimum	Day	No. of Days with Ground Frost					Mean Daily	Difference from Average
Carlow (Oak Park) Co. Carlow	1-10	7.7	-	6	3	12.4	-	2.0	01	0	80	24	-1.2	01	1	-	-	8.87	-	7	-
	11-20	33.7	-	4	2	11.4	-	5.6	14	0	70	18	2.5	20	0	-	-	3.69	-	5	-
	21-end	16.1	-	5	3	13.4	-	2.5	22	0	90	34	-2.0	22	1	-	-	5.22	-	5	-
	Month	57.5	-	15	8	12.4	-	2.0	01	0	240	76	-2.0	22	2	-	-	5.93	-	6	-
Shannon Airport Co. Clare	1-10	6.2	-	5	3	12.4	-	5.1	07	0	80	24	-1.5	08	1	16.2	-	8.19	-	9	1
	11-20	3.0	-	2	1	12.5	-	6.5	14	0	83	27	2.6	19	0	15.2	-	4.12	-	7	0
	21-end	40.1	-	5	3	14.5	-	5.8	21	0	102	46	0.9	21	0	17.3	-	4.95	-	9	0
	Month	49.3	82	12	7	13.1	-1.2	5.1	07	0	265	97	-1.5	08	1	16.2	-0.1	5.75	95	8	1
Fernoy (Moore Park) Co. Cork	1-10	7.1	-	6	3	11.0	-	1.0	08	0	66	15	-4.1	09	7	-	-	NA	-	7	-
	11-20	10.4	-	3	2	11.5	-	3.2	13	0	72	17	0.5	20	0	-	-	3.41	-	5	-
	21-end	25.7	-	7	5	13.6	-	4.5	23	0	92	36	-1.9	23	2	-	-	NA	-	5	-
	Month	43.2	-	16	10	12.0	-	1.0	08	0	230	68	-4.1	09	9	-	-	-	-	8	-
Mallow Co. Cork	1-10	21.3	-	7	5	11.0	-	1.5	09	0	66	16	-1.1	01	3	-	-	7.86	-	-	-
	11-20	6.5	-	3	2	11.7	-	2.9	13	0	73	17	1.1	13	0	-	-	3.09	-	-	-
	21-end	16.2	-	7	3	13.8	-	5.7	21	0	94	38	2.2	22	0	-	-	4.39	-	-	-
	Month	44.0	78	17	10	12.2	-	1.5	09	0	233	71	-1.1	01	3	-	-	4.89	-	-	-
Roche's Point Co. Cork	1-10	5.5	-	5	3	12.4	-	5.8	07	0	81	25	2.7	09	0	15.2	-	8.06	-	12	3
	11-20	6.6	-	3	2	12.2	-	6.5	12	0	78	23	3.6	13	0	14.1	-	4.15	-	9	0
	21-end	17.4	-	3	3	13.9	-	8.7	21	0	95	39	3.4	23	0	16.0	-	6.49	-	12	0
	Month	29.5	53	11	8	12.8	-1.1	5.8	07	0	254	87	2.7	09	0	15.1	-1.0	6.23	94	11	3
Glencolumbkille Co. Donegal	1-10	38.8	-	7	6	11.1	-	4.5	09	0	68	15	-0.2	01	1	-	-	7.53	-	7	-
	11-20	2.8	-	3	1	11.6	-	4.0	12	0	71	17	-1.6	12	1	-	-	7.05	-	6	-
	21-end	33.3	-	6	5	13.0	-	6.3	21	0	86	30	0.5	21	0	-	-	5.40	-	5	-
	Month	74.9	-	16	12	11.9	-	4.0	12	0	225	62	-1.6	12	2	-	-	6.66	-	6	-
Glenties Co. Donegal	1-10	32.3	-	6	5	10.5	-	1.7	09	0	61	9	-2.3	03	4	-	-	7.35	-	-	-
	11-20	3.3	-	3	2	11.5	-	2.5	12	0	71	17	-2.5	17	4	-	-	4.87	-	-	-
	21-end	37.7	-	7	6	12.6	-	4.8	28	0	83	27	-2.2	28	3	-	-	5.26	-	-	-
	Month	73.3	79	16	13	11.5	-	1.7	09	0	215	53	-2.5	17	11	-	-	5.83	-	-	-

See January issue of Bulletin for explanatory notes on the tables.

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

JUNE, 1977

STATION	PERIOD	RAINFALL				TEMPERATURE										BRIGHT SUNSHINE		WIND			
		Amount	Percentage of Average	No. of Rain Days	No. of Wet Days	AIR					GROUND			SOIL (10cm)		Mean Daily	Percentage of Average	Mean Speed	No. of Days with Gale Gusts		
						Mean Daily	Difference from Average	Lowest Minimum	Day	No. of Days with Air Frost	Degree Days Above 4.4°C	Degree Days Above 10.0°C	Lowest Grass Minimum	Day	No. of Days with Ground Frost					Mean Daily	Difference from Average
mm	%	°C	°C	°C					°C			°C	°C	Hr	%	Kt					
Malin Head Co. Donegal	1-10	21.0	-	6	4	10.7	-	6.8	07	0	64	10	1.7	01	0	15.3	-	8.99	-	12	5
	11-20	2.2	-	1	1	10.5	-	5.1	13	0	61	7	1.2	13	0	15.5	-	6.39	-	10	1
	21-end	20.5	-	5	5	12.8	-	6.6	22	0	84	28	2.5	21	0	17.2	-	6.47	-	8	0
	Month	43.7	62	12	10	11.3	-1.2	5.1	13	0	209	45	1.2	13	0	16.0	+0.9	7.28	124	10	6
Dublin Airport Co. Dublin	1-10	19.4	-	6	6	12.0	-	4.9	08	0	76	22	0.8	09	0	16.1	-	9.04	-	9	0
	11-20	27.3	-	3	3	11.2	-	5.4	11	0	68	15	2.0	14	0	14.4	-	4.54	-	7	0
	21-end	19.9	-	4	4	14.0	-	7.1	22	0	97	41	2.5	22	0	16.7	-	5.30	-	7	0
	Month	66.6	122	13	13	12.4	-1.2	4.9	08	0	241	78	0.8	09	0	15.7	-0.8	6.29	96	8	0
Kinsealy Co. Dublin	1-10	19.1	-	6	6	11.6	-	3.7	01	0	72	19	1.2	01	0	-	-	8.80	-	8	-
	11-20	25.7	-	3	3	10.9	-	5.2	11	0	66	13	1.9	12	0	-	-	4.98	-	6	-
	21-end	16.4	-	5	4	13.4	-	4.0	22	0	90	34	0.1	23	0	-	-	5.33	-	7	-
	Month	61.2	-	14	13	12.0	-	3.7	01	0	228	66	0.1	23	0	-	-	6.37	-	7	-
Lucan (U.C.D. Field Stn.) Co. Dublin	1-10	20.8	-	6	6	11.3	-	2.2	01	0	70	16	0.6	01	0	-	-	-	-	6	-
	11-20	17.6	-	3	3	11.1	-	5.4	11	0	67	14	2.3	14	0	-	-	NA	-	5	-
	21-end	19.5	-	5	5	13.5	-	2.8	22	0	91	35	0.6	22	0	-	-	-	-	5	-
	Month	57.9	-	14	14	12.0	-	2.2	01	0	228	65	0.6	22	0	-	-	-	-	5	-
Galway (Univ. Coll.) Co. Galway	1-10	9.0	-	5	3	12.6	-	5.0	09	0	83	27	-1.5	09	2	-	-	8.64	-	-	-
	11-20	5.4	-	2	2	12.6	-	5.7	13	0	82	26	-0.6	13	1	-	-	4.89	-	NA	-
	21-end	45.5	-	6	6	14.3	-	8.3	21	0	100	44	3.0	22	0	-	-	4.79	-	-	-
	Month	59.9	-	13	11	13.2	-	5.0	09	0	265	97	-1.5	09	3	-	-	6.11	-	-	-
Killarney (Muckross Hse) Co. Kerry	1-10	24.9	-	6	6	11.3	-	2.8	09	0	69	16	0.2	08	0	-	-	6.37	-	-	-
	11-20	6.1	-	3	3	11.1	-	2.7	13	0	67	14	-2.0	14	3	-	-	2.62	-	-	-
	21-end	17.0	-	5	3	13.8	-	6.2	23	0	95	39	1.2	21	0	-	-	3.49	-	-	-
	Month	48.0	-	14	12	12.1	-	2.7	13	0	231	69	-2.0	14	3	-	-	4.16	-	-	-
Oahiroiveen (Valentia Obsy.) Co. Kerry	1-10	11.0	-	5	3	11.9	-	4.7	09	0	76	21	0.9	09	0	15.5	-	8.73	-	9	1
	11-20	6.0	-	4	3	12.0	-	4.4	13	0	77	22	0.7	13	0	15.5	-	5.50	-	7	0
	21-end	43.7	-	6	5	13.5	-	7.3	25	0	91	35	3.2	23	0	16.8	-	4.31	-	8	0
	Month	60.7	75	15	11	12.5	-1.3	4.4	13	0	244	78	0.7	13	0	15.9	-0.2	6.18	105	8	1

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TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

JUNE, 1977

STATION	PERIOD	RAINFALL				TEMPERATURE										BRIGHT SUNSHINE		WIND			
		Amount	Percentage of Average	No. of Rain Days	No. of Wet Days	AIR					GROUND		SOIL (10cm)			Mean Daily	Percentage of Average	Mean Speed	No. of Days with Gale Gusts		
						Mean Daily	Difference from Average	Lowest Minimum	Day	No. of Days with Air Frost	Degree Days Above 4.4°C	Degree Days Above 10.0°C	Lowest Grass Minimum	Day	No. of Days with Ground Frost					Mean Daily	Difference from Average
mm	%	°C	°C	°C						°C	°C	°C	°C	Hr	%	Kt					
Tralee (Caherweesheen) Co. Kerry	1-10 11-20 21-end Month	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -			
Lullymore Co. Kildare	1-10 11-20 21-end Month	21.9 21.9 35.6 79.4	- - - -	7 4 5 16	4 4 4 12	10.7 10.9 13.1 11.6	- - - -	0.4 3.4 1.1 0.4	01 14 22 01	0 0 0 0	63 70 87 220	12 16 31 59	-5.5 -4.3 -4.5 -5.5	01 14 22 01	6 3 3 12	- - - -	- - - -	7.77 3.35 4.82 5.31	- - - -	9 7 6 7	- - - -
Kilkenny Co. Kilkenny	1-10 11-20 21-end Month	17.8 27.0 13.3 58.1	- - - 98	6 3 4 13	5 2 3 10	11.5 11.8 13.3 12.2	- - - -1.7	2.1 6.4 4.0 2.1	01 14 22 01	0 0 0 0	71 75 89 235	18 21 33 72	-1.8 1.8 -0.5 -1.8	01 14 22 01	1 0 1 2	15.7 14.0 17.2 15.6	- - - -1.2	7.35 3.72 5.43 5.50	- - - 89	6 4 5 5	0 0 0 0
Mooncoin (Silverspring) Co. Kilkenny	1-10 11-20 21-end Month	8.8 18.5 15.1 42.4	- - - -	7 3 4 14	3 1 3 7	11.7 11.8 13.2 12.2	- - - -	1.6 4.6 2.0 1.6	01 13 22 01	0 0 0 0	73 74 88 235	19 19 32 70	-2.8 -1.5 -2.2 -2.8	09 13 23 09	3 2 3 8	- - - -	- - - -	NA	- - - -	- - - -	- - - -
Ballinamore Co. Leitrim	1-10 11-20 21-end Month	25.7 5.7 37.5 68.9	- - - -	6 2 5 13	5 2 4 11	11.2 11.3 13.6 12.0	- - - -	0.7 3.5 5.7 0.7	09 20 23 09	0 0 0 0	69 69 92 230	17 15 36 68	-6.3 -3.1 -0.7 -6.3	09 20 28 09	7 4 1 12	- - - -	- - - -	6.87 5.05 5.04 5.65	- - - -	NA	- - - -
Ardee (Beharnamee) Co. Louth	1-10 11-20 21-end Month	21.8 12.9 54.4 89.1	- - - -	6 2 6 14	5 2 3 10	11.3 10.8 13.2 11.8	- - - -	1.0 3.1 2.4 1.0	01 20 22 01	0 0 0 0	69 65 89 223	18 11 33 62	-2.5 -1.1 -0.6 -2.5	01 14 22 01	5 1 1 7	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
Ballinrobe (Creagh) Co. Mayo	1-10 11-20 21-end Month	29.7 1.0 25.2 55.9	- - - -	6 1 6 13	6 1 5 12	12.2 12.3 13.6 12.7	- - - -	1.5 5.6 5.2 1.5	09 12 21 09	0 0 0 0	79 79 92 250	23 23 36 82	-1.5 -1.7 0.2 -1.7	09 14 21 14	1 2 0 3	- - - -	- - - -	NA	- - - -	6 5 5 5	- - - -

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TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

JUNE, 1977

STATION	PERIOD	RAINFALL				TEMPERATURE										BRIGHT SUNSHINE		WIND			
		Amount	Percentage of Average	No. of Rain Days		AIR					GROUND			SOIL (10cm)		Mean Daily	Percentage of Average	Mean Speed	No. of Days with Gale Gusts		
				Mean Daily	Difference from Average	Lowest Minimum	Day	No. of Days with Air Frost	Degree Days Above 4.4°C	Degree Days Above 10.0°C	Lowest Grass Minimum	Day	No. of Days with Ground Frost	Mean Daily	Difference from Average						
mm	%	°C	°C	°C					°C			°C	°C	Hr	%	Kt					
Belmullet Co. Mayo	1-10	14.1	-	7	4	11.4	-	3.2	09	0	70	16	0.6	09	0	16.2	-	8.80	-	13	4
	11-20	4.3	-	3	2	11.8	-	6.0	12	0	74	19	3.9	12	0	15.8	-	6.01	-	12	1
	21-end	32.0	-	5	4	12.7	-	5.4	22	0	83	27	1.7	22	0	17.0	-	5.91	-	9	0
	Month	50.4	69	15	10	12.0	-1.4	3.2	09	0	227	62	0.6	09	0	16.3	00	6.91	108	11	5
Claremorris Co. Mayo	1-10	17.3	-	6	5	11.3	-	2.1	09	0	70	17	-1.0	01	2	15.1	-	8.49	-	7	1
	11-20	2.6	-	2	1	11.7	-	4.5	14	0	74	19	1.3	13	0	14.4	-	5.69	-	6	0
	21-end	36.8	-	5	4	13.1	-	4.4	21	0	87	31	2.1	21	0	16.1	-	4.19	-	5	0
	Month	56.7	72	13	10	12.0	-1.0	2.1	09	0	231	67	-1.0	01	2	15.2	-0.1	6.12	111	6	1
Glenaroy Co. Mayo	1-10	24.0	-	7	4	10.7	-	0.9	09	0	62	11	-0.8	09	1	-	-	7.61	-	-	-
	11-20	3.6	-	4	1	11.4	-	3.7	12	0	70	16	1.5	12	0	-	-	5.29	-	NA	-
	21-end	47.5	-	6	6	12.1	-	3.8	21	0	77	21	0.3	21	0	-	-	4.81	-	NA	-
	Month	75.1	-	17	11	11.4	-	0.9	09	0	209	48	-0.8	09	1	-	-	5.90	-	-	-
Dunsany (Grange) Co. Meath	1-10	11.9	-	6	5	10.5	-	0.8	01	0	61	12	-3.0	01	6	-	-	8.66	-	-	-
	11-20	10.5	-	2	1	10.4	-	2.0	20	0	60	7	-1.5	19	4	-	-	5.78	-	NA	-
	21-end	19.9	-	5	5	NA	-	NA	NA	NA	NA	NA	NA	NA	NA	-	-	NA	-	NA	-
	Month	42.3	64	13	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clones Co. Monaghan	1-10	15.0	-	4	4	11.2	-	2.1	09	0	69	17	-1.3	01	2	14.3	-	8.26	-	7	2
	11-20	5.0	-	2	2	11.2	-	2.8	20	0	68	15	-1.9	20	1	13.6	-	5.17	-	6	0
	21-end	22.0	-	5	5	14.1	-	7.2	21	0	97	41	4.0	21	0	15.9	-	4.70	-	6	0
	Month	42.0	57	11	11	12.2	-1.0	2.1	09	0	234	73	-1.9	20	3	14.6	-0.5	6.04	111	6	2
Birr Co. Offaly	1-10	17.5	-	5	5	11.1	-	2.0	01	0	67	17	-2.3	01	3	16.1	-	6.62	-	7	2
	11-20	34.6	-	2	2	11.0	-	4.1	13	0	66	13	0.7	13	0	13.9	-	3.41	-	7	0
	21-end	24.9	-	6	5	13.5	-	5.4	21	0	91	35	2.5	21	0	17.4	-	4.46	-	7	0
	Month	77.0	129	13	12	11.9	-1.9	2.0	01	0	224	65	-2.3	01	3	15.8	-0.5	4.83	81	7	2
Thurles Co. Tipperary	1-10		-				-												-	-	-
	11-20		-				-												-	-	-
	21-end		-				-												-	-	-
	Month		-				-												-	-	-

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TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE and WIND

JUNE, 1977

STATION	PERIOD	RAINFALL				TEMPERATURE											BRIGHT SUNSHINE		WIND		
		Amount	Percentage of Average	No. of Rain Days	No. of Wet Days	AIR					GROUND			SOIL (10 cm)			Mean Daily	Percentage of Average	Mean Speed	No. of Days with Gale Gusts	
						Mean Daily	Difference from Average	Lowest Minimum	Day	No. of Days with Air Frost	Degree Days Above 4.4°C	Degree Days Above 10.0°C	Lowest Grass Minimum	Day	No. of Days with Ground Frost	Mean Daily					Difference from Average
Dungarvan (Ballygagin) Co. Waterford	1-10	12.5	-	6	4	12.5	-	3.6	08	0	81	25	1.5	08	0	-	-	8.03	-	4	-
	11-20	11.1	-	1	1	12.4	-	4.5	13	0	81	25	3.1	13	0	-	-	3.80	-	3	-
	21-end	12.0	-	4	3	13.8	-	5.0	23	0	95	39	2.9	23	0	-	-	5.70	-	3	-
	Month	35.6	-	11	8	12.9	-	3.6	08	0	257	89	1.5	08	0	-	-	5.84	-	3	-
Mullinzer Co. Wexford	1-10	29.7	-	5	5	11.0	-	2.0	01	0	67	15	-1.9	01	1	14.1	-	7.96	-	7	2
	11-20	31.0	-	3	2	11.1	-	5.2	13	0	68	14	1.2	13	0	13.2	-	4.62	-	6	0
	21-end	25.7	-	5	5	13.2	-	4.4	21	0	89	33	1.1	22	0	16.0	-	5.37	-	6	0
	Month	86.4	120	13	12	11.8	-1.8	2.0	01	0	224	62	-1.9	01	1	14.4	-1.5	5.98	104	6	2
Camjile (Ballysop) Co. Wexford	1-10	13.1	-	6	5	12.2	-	3.4	08	0	78	24	-2.5	08	2	-	-	7.90	-	-	-
	11-20	27.3	-	3	2	11.9	-	5.7	12	0	75	21	3.0	14	0	-	-	3.66	-	NA	-
	21-end	17.0	-	4	3	13.3	-	4.7	22	0	89	33	0.2	22	0	-	-	5.90	-	-	-
	Month	57.4	-	13	10	12.5	-	3.4	08	0	242	78	-2.5	08	2	-	-	5.82	-	-	-
Clonroche Co. Wexford	1-10	16.3	-	7	5	11.8	-	2.8	09	0	74	21	-2.8	09	4	-	-	8.18	-	6	-
	11-20	33.0	-	4	2	11.3	-	5.4	12	0	70	17	-1.1	13	2	-	-	3.49	-	4	-
	21-end	15.4	-	5	3	13.0	-	4.4	22	0	86	30	-3.9	22	3	-	-	5.21	-	4	-
	Month	64.7	-	16	10	12.1	-	2.8	09	0	230	68	-3.9	22	9	-	-	5.63	-	5	-
Jehnstown Castle Co. Wexford	1-10	12.8	-	7	5	12.1	-	4.7	08	0	77	23	-0.2	09	1	-	-	7.95	-	7	-
	11-20	25.9	-	3	1	11.3	-	6.0	13	0	70	16	0.9	13	0	-	-	3.45	-	6	-
	21-end	19.6	-	5	4	13.3	-	5.9	22	0	90	34	1.2	23	0	-	-	6.32	-	6	-
	Month	58.3	85	15	10	12.3	-	4.7	08	0	237	73	-0.2	09	1	-	-	5.91	-	6	-
Rosslare Co. Wexford	1-10	8.0	-	5	3	12.2	-	5.1	08	0	78	23	2.5	09	0	15.7	-	8.48	-	12	2
	11-20	22.6	-	2	1	11.4	-	6.5	12	0	70	16	1.8	13	0	14.1	-	4.78	-	15	2
	21-end	16.8	-	5	4	13.7	-	8.7	29	0	94	38	2.5	22	0	16.9	-	6.57	-	10	1
	Month	47.4	83	12	8	12.5	-1.3	5.1	08	0	242	77	1.8	13	0	15.6	-1.5	6.61	88	12	5

See January issue of Bulletin for explanatory notes on the tables

TABLE 2.

SOLAR RADIATION (GLOBAL), POTENTIAL EVAPOTRANSPIRATION (P.E.) AND SOIL MOISTURE JUNE, 1977

STATION	PERIOD	SOLAR RADIATION	P.E.	SOIL MOISTURE		
		Amount	Amount	Deficit	Accumulated Deficit	Surplus
		Joule/cm ²	mm	mm	mm	mm
Carlow (Oak Park) Co. Carlow	1-10	-	31	17	66	-
	11-20	-	25	-	47	19
	21-end	-	27	5	52	-
	Month	-	83	-	-	-
Kinsealy* Co. Dublin	1-10	20866	41	7	71	-
	11-20	15096	19	-	55	16
	21-end	17524	36	10	65	-
	Month	53486	96	-	-	-
Cahirciveen e (Valentia Obay.) Co. Kerry	1-10	20806	23	11	33	-
	11-20	17924	22	15	48	-
	21-end	16768	34	-	41	7
	Month	55498	79	-	-	-
Kilkenny e Co. Kilkenny	1-10	19351	-	-	-	-
	11-20	14645	-	-	-	-
	21-end	17180	-	-	-	-
	Month	51176	-	-	-	-
Ballinamore Co. Leitrim	1-10		31	-	67	12
	11-20	NA	28	11	78	-
	21-end		32	-	56	22
	Month		91	-	-	-
Glenamoy Co. Mayo	1-10	-	34	-	59	2
	11-20	-	31	18	77	-
	21-end	-	21	-	40	37
	Month	-	86	-	-	-
Birr e Co. Offaly	1-10	19820	-	-	-	-
	11-20	15613	-	-	-	-
	21-end	17424	-	-	-	-
	Month	52857	-	-	-	-
Johnstown Castle Co. Wexford	1-10	-	37	12	73	-
	11-20	-	17	-	56	17
	21-end	-	32	3	59	-
	Month	-	86	-	-	-

See January issue of Bulletin for explanatory notes on the tables. *Solar Radiation values from Dublin Airport.