



## AGROMETEOROLOGICAL BULLETIN

JUNE 1972

### The weather during June

June was very cold with mean air temperatures well below normal, rainfall was frequent with only a few completely dry days during the month and sunshine was below normal except near the northern and northwestern coasts. These adverse conditions resulted in poor crop growth and greatly hampered ~~harvesting~~ all farm operations, particularly haymaking.

Mean air temperatures over the month ranged from  $1.9^{\circ}\text{C}$  below normal at Malin Head to  $2.7^{\circ}\text{C}$  below normal at Belmullet and Birr. At Birr it was the coldest June since 1872, when temperature recording began there; at Roche's Point and Cahirciveen it was the coldest June since records are available, 1876 and 1892, respectively. Soil temperatures at 10 cm depth were as much as  $4^{\circ}\text{C}$  below average at times during the month and by July 1 they were still  $2^{\circ} - 3^{\circ}\text{C}$  colder than average. Growth was noticeably retarded because of the low temperatures, crops with a high heat requirement such as maize and sugar beet being most affected. Totals of degree-days above  $10^{\circ}\text{C}$  accumulated over May and June this year were only about 50% of the average totals over the last ten years; at Birr and Cahirciveen where the average May/June totals (1962/71) were  $172(^{\circ}\text{C})$  and  $168(^{\circ}\text{C})$ , respectively, the totals this year were  $91(^{\circ}\text{C})$  and  $81(^{\circ}\text{C})$ , respectively.

Precipitation during the month was mainly in the form of frequent showers of rain or hail, heavy at times and often accompanied by strong blustery winds. Rainfall amounts were over 120% of normal in Ulster and parts of South Leinster - elsewhere amounts were near or below normal; at Roche's Point the rainfall was only 55% of the normal June total. Thus, although rainfall was not unduly excessive for June in most places, the high frequency of showers made haymaking very difficult; in addition the soil got little chance to dry out after the heavy rainfall of May.

Due to the low temperatures, conditions were not favourable for the spread of many plant diseases; in particular, there was less "potato blight weather" during May and June this year than in any year since the recording of "blight weather" spells was begun in the 1950's.

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 1972

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 Gants		
						Mean Daily	Difference from Average	Lowest Minimum	Day	No. of Days with Air Frost	Degree Days Above 4.0°C	Degree Days Above 6.0°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				
Carlow (Oak Park) Co. Carlow	1-10	26.3	-	9	6	9.8	-	+3.5	05	0	54.7	39.6	-1.5	05	4	-	-	4.35	-	7	-
	11-20	5.0	-	5	3	12.4	-	+5.3	13	0	80.5	64.8	+0.7	11	0	-	-	5.13	-	8	-
	21-end	29.1	-	6	4	12.3	-	+4.4	28	0	79.2	63.6	-0.6	28	1	-	-	4.03	-	8	-
	Month	60.4	-	20	13	11.5	-	+3.5	05	0	214.4	168.0	-1.5	05	5	-	-	4.50	-	8	-
Shannon Airport Co. Clare	1-10	44.2	-	9	7	10.6	-	+5.5	04	0	62.8	46.9	+4.0	04	0	12.2	-	5.27	-	9	0
	11-20	12.4	-	7	4	12.3	-	+5.1	13	0	79.2	63.5	+3.3	13	0	14.4	-	4.74	-	10	3
	21-end	9.0	-	7	2	12.5	-	+7.6	28	0	81.2	65.2	+5.9	29	0	14.5	-	5.10	-	11	2
	Month	65.6	109	23	13	11.8	-2.5	+5.1	13	0	223.2	175.6	+3.3	13	0	13.7	-2.6	5.04	83	10	5
Ferney (Moore Park) Co. Cork	1-10	26.7	-	9	8	9.9	-	+2.0	03	0	56.7	42.0	-1.6	03	1	-	-	3.82	-	-	-
	11-20	13.1	-	8	6	12.8	-	+3.8	11	0	84.1	68.5	-0.5	20	1	-	-	3.93	-	-	-
	21-end	8.1	-	4	2	12.5	-	+5.9	28	0	81.4	65.4	-1.9	28	1	-	-	3.34	-	-	-
	Month	47.9	-	21	16	11.7	-	+2.0	03	0	222.2	175.9	-1.9	28	3	-	-	3.70	-	-	-
Mallow Co. Cork	1-10	23.9	-	7	6	10.2	-	+3.2	03	0	58.8	44.5	-2.2	03	3	-	-	3.69	-	-	-
	11-20	7.0	-	8	3	12.0	-	+4.6	11	0	76.1	61.2	-1.5	14	4	-	-	3.30	-	-	-
	21-end	12.0	-	6	6	12.6	-	+2.6	28	0	82.4	66.8	-3.1	28	1	-	-	3.36	-	-	-
	Month	42.9	76	21	15	11.6	-	+2.6	28	0	217.3	172.5	-3.1	28	8	-	-	3.45	-	-	-
Roche's Point Co. Cork	1-10	12.0	-	6	5	10.1	-	+5.1	03	0	57.6	41.9	+1.5	05	0	12.4	-	7.02	-	12	1
	11-20	5.7	-	5	3	12.2	-	+7.1	11	0	78.2	62.2	+4.6	11	0	13.7	-	5.14	-	13	2
	21-end	13.0	-	6	3	12.2	-	+6.1	28	0	77.6	61.6	+1.1	28	0	14.2	-	5.52	-	11	1
	Month	30.7	55	17	11	11.5	-2.4	+5.1	03	0	213.4	165.7	+1.1	28	0	13.4	-2.7	5.89	89	12	4
Glencolumbkille Co. Donegal	1-10	52.1	-	7	6	10.0	-	+5.0	01	0	56.7	41.1	-	-	-	-	-	5.86	-	8	-
	11-20	38.8	-	8	5	10.7	-	+4.6	12	0	63.5	47.9	-	-	-	-	-	5.17	-	9	-
	21-end	28.8	-	10	8	10.9	-	+7.4	29	0	65.4	49.4	-	-	-	-	-	4.00	-	9	-
	Month	119.7	-	25	19	10.6	-	+4.6	12	0	185.6	138.4	-	-	-	-	-	5.01	-	9	-
Glenties Co. Donegal	1-10	33.4	-	8	7	9.3	-	+1.0	07	0	51.4	37.6	-3.5	07	4	-	-	5.07	-	-	-
	11-20	39.2	-	7	5	10.1	-	+1.5	12	0	59.2	44.7	-2.8	14	3	-	-	4.06	-	-	-
	21-end	41.7	-	9	9	10.8	-	+5.8	28	0	64.6	48.6	+1.4	28	0	-	-	3.18	-	-	-
	Month	114.3	123	24	21	10.1	-	+1.0	07	0	175.2	130.9	-3.5	07	7	-	-	4.10	-	-	-
Malin Head Co. Donegal	1-10	23.8	-	6	5	9.9	-	+3.6	04	0	55.8	40.3	+1.9	04	0	12.6	-	7.08	-	14	4
	11-20	25.0	-	6	5	10.9	-	+7.1	19	0	64.4	48.4	+4.8	12	0	13.8	-	6.10	-	14	3
	21-end	38.9	-	10	7	10.8	-	+6.4	29	0	64.2	48.2	+3.9	29	0	12.2	-	5.04	-	16	3
	Month	87.7	124	22	17	10.6	-1.9	+3.6	04	0	184.4	136.9	+1.9	04	0	12.9	-	6.07	103	15	10
Dublin Airport Co. Dublin	1-10	24.0	-	8	6	10.1	-	+5.1	08	0	57.0	41.5	+1.9	07	0	12.1	-	4.49	-	9	0
	11-20	9.8	-	6	3	11.9	-	+5.1	11	0	75.0	59.4	+3.3	11	0	14.6	-	5.44	-	9	1
	21-end	24.8	-	8	3	12.3	-	+6.0	28	0	79.2	63.2	+2.9	26	0	14.1	-	5.01	-	11	2
	Month	58.6	107	22	12	11.4	-2.2	+5.1	08	0	211.2	164.1	+1.9	07	0	13.6	-2.9	4.98	76	10	3
Kinsealy Co. Dublin	1-10	29.5	-	8	6	10.2	-	+4.8	08	0	58.0	42.7	-0.5	07	1	-	-	3.94	-	7	-
	11-20	7.4	-	5	3	12.0	-	+5.1	11	0	76.3	60.6	+0.1	14	0	-	-	5.13	-	8	-
	21-end	24.8	-	6	3	12.4	-	+6.4	28	0	80.1	64.1	-0.5	28	1	-	-	3.91	-	8	-
	Month	61.7	-	19	12	11.5	-	+4.8	08	0	214.4	167.4	-0.5	07	2	-	-	4.33	-	8	-
Galway (Univ. Coll.) Co. Galway	1-10	NA	-	-	-	NA	-	NA	-	-	-	-	-	-	-	-	-	6.02	-	-	-
	11-20	24.2	-	5	3	12.1	-	+7.6	11	0	77.5	61.5	+2.7	16	0	-	-	5.15	-	NA	-
	21-end	6.3	-	7	1	11.6	-	+6.8	28	0	71.8	55.8	+2.6	28	0	-	-	4.04	-	-	-
	Month	NA	-	-	-	NA	-	-	-	-	NA	-	-	-	-	-	-	5.07	-	-	-
Killarney (Muckross Hse.) Co. Kerry	1-10	46.2	-	9	7	10.0	-	+5.2	04	0	55.5	39.8	+2.6	08	0	-	-	3.63	-	-	-
	11-20	17.8	-	7	4	11.7	-	+4.8	14	0	73.3	57.7	-0.1	13	1	-	-	1.83	-	-	-
	21-end	9.6	-	7	4	12.2	-	+7.8	29	0	78.5	62.5	+4.0	28	0	-	-	2.77	-	-	-
	Month	73.6	-	23	15	11.3	-	+4.8	14	0	207.3	160.0	-0.1	13	1	-	-	2.74	-	-	-
Cahiriveen (Valentia Obay.) Co. Kerry	1-10	51.0	-	9	9	10.4	-	+6.0	05	0	59.8	43.8	+5.5	05	0	12.7	-	5.71	-	10	0
	11-20	21.3	-	7	5	11.7	-	+6.2	11	0	72.9	56.9	+4.8	11	0	13.5	-	4.26	-	11	1
	21-end	13.6	-	7	4	11.8	-	+7.9	29	0	74.6	58.6	+7.1	29	0	14.1	-	4.25	-	10	0
	Month	85.9	106	23	18	11.3	-2.5	+6.0	05	0	207.3	159.3	+4.8	11	0	13.4	-2.7	4.74	80	10	1
Tralee (Caherweesheen) Co. Kerry	1-10	36.4	-	8	6	10.6	-	+5.4	03	0	61.9	46.2	+0.9	08	0	-	-	4.72	-	-	-
	11-20	17.6	-	8	5	12.2	-	+4.0	14	0	78.7	63.5	+1.1	14	2	-	-	3.24	-	-	-
	21-end	17.4	-	7	4	13.0	-	+6.2	28	0	86.2	70.2	+1.3	28	0	-	-	3.44	-	-	-
	Month	71.4	-	23	15	11.9	-	+4.0	14	0	226.8	179.9	-1.1	14	2	-	-	3.80	-	-	-
Lullymore Co. Kildare	1-10	21.8	-	9	6	9.5	-	+1.2	05	0	52.7	39.0	-2.0	05	3	-	-	4.21	-	9	-
	11-20	20.1	-	5	4	11.0	-	+1.0	12	0	67.6	52.3	-2.7	12	5	-	-	4.68	-	9	-
	21-end	28.2	-	7	5	11.6	-	+3.0	28	0	72.2	56.6	-2.4	28	2	-	-	3.57	-	10	-
	Month	70.1	-	21	15	10.7	-	+1.0	12	0	192.5	147.9	-2.7	12	10	-	-	4.13	-	10	-

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

JUNE 1972

STATION	PERIOD	RAINFALL				TEMPERATURE										BRIGHT SUNSHINE		WIND			
		Amount	Percentage of Average	No. of Rain Days	No. of Wet Days	AIR					GROUND			SOIL(10cm)		Hr	%	Kt	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 6.0°C	Lowest Grass Minimum	Day	No. of Days with Ground Frost					Mean Daily	Difference from Average
mm	%			°C	°C	°C					°C	°C	°C	°C	°C						
Kilkenny Co. Kilkenny	1-10	34.5	-	8	8	9.4	-	+0.5	05	0	52.5	38.6	-1.8	05	3	11.7	-	4.75	-	6	0
	11-20	18.2	-	6	3	11.8	-	+5.3	11	0	77.9	62.0	+2.7	20	0	14.5	-	5.34	-	6	0
	21-end	23.5	-	5	4	12.5	-	+5.1	28	0	81.2	65.5	+2.8	28	0	14.9	-	5.15	-	6	1
	Month	76.2	129	19	15	11.4	-2.5	+0.5	05	0	211.6	166.1	-1.8	05	3	13.7	-3.1	5.08	82	6	1
Mooncoin (Silverspring) Co. Kilkenny	1-10	18.0	-	7	5	9.4	-	+1.5	03	0	51.5	37.7	-4.1	05	5	-	-	4.28	-	-	-
	11-20	9.8	-	3	3	12.4	-	+5.0	11	0	79.8	64.1	-0.5	19	1	-	-	4.07	-	-	-
	21-end	21.0	-	7	5	12.3	-	+4.0	26	0	78.8	63.6	-2.0	28	2	-	-	4.19	-	-	-
	Month	48.8	-	17	13	11.4	-	+1.5	03	0	210.1	165.4	-4.1	05	8	-	-	4.18	-	-	-
Ballinacore Co. Leitrim	1-10	30.4	-	8	5	9.8	-	+3.1	05	0	54.2	40.6	0.0	01	1	-	-	4.47	-	6	-
	11-20	20.4	-	7	4	11.0	-	+4.6	13	0	66.3	51.2	+0.3	13	0	-	-	4.33	-	7	-
	21-end	34.2	-	7	6	11.0	-	+3.9	28	0	66.3	50.7	+2.4	28	0	-	-	3.01	-	7	-
	Month	85.0	-	22	15	10.6	-	+3.1	05	0	186.8	142.5	0.0	01	1	-	-	3.94	-	7	-
Ardee (Boharnasco) Co. Louth	1-10	30.6	-	9	6	9.7	-	+2.8	01	0	54.0	40.4	+0.5	01	0	-	-	-	-	-	-
	11-20	9.0	-	5	3	11.0	-	+3.1	12	0	67.6	53.6	+0.9	12	0	-	-	-	-	-	-
	21-end	34.0	-	8	5	11.4	-	+4.2	29	0	70.0	54.0	+2.0	28	0	-	-	-	-	-	-
	Month	73.6	-	22	14	10.7	-	+2.8	01	0	191.6	148.8	+0.5	01	0	-	-	-	-	-	-
Ballinrobe (Creagh) Co. Mayo	1-10	27.9	-	9	8	10.0	-	+3.5	05	0	56.5	41.7	+2.2	04	0	-	-	5.62	-	4	-
	11-20	20.2	-	6	5	11.3	-	+5.2	13	0	68.6	52.9	-0.9	14	2	-	-	5.60	-	6	-
	21-end	7.1	-	8	3	10.8	-	+4.2	27	0	63.7	48.4	+0.6	28	0	-	-	3.05	-	NA	-
	Month	55.2	-	23	16	10.7	-	+3.5	05	0	188.8	143.0	-0.9	14	2	-	-	4.76	-	NA	-
Belmullet Co. Mayo	1-10	22.0	-	8	7	10.2	-	+5.3	07	0	58.6	42.7	+2.6	07	0	13.0	-	7.82	-	14	2
	11-20	18.5	-	5	5	10.9	-	+4.7	11	0	65.8	50.2	+1.7	11	0	14.0	-	6.21	-	14	2
	21-end	15.0	-	8	6	11.0	-	+4.6	27	0	66.2	50.6	+0.6	27	0	13.5	-	5.47	-	16	4
	Month	55.5	76	21	18	10.7	-2.7	+4.6	27	0	190.6	143.5	+0.6	27	0	13.5	-2.1	6.50	102	15	8
Claremorris Co. Mayo	1-10	21.6	-	8	6	9.3	-	+1.9	05	0	50.0	36.3	-0.4	05	2	11.7	-	5.73	-	8	0
	11-20	15.7	-	5	4	10.9	-	+5.1	12	0	65.8	50.6	+1.8	11	0	13.6	-	5.81	-	9	2
	21-end	10.5	-	7	4	11.1	-	+4.0	28	0	67.7	52.3	+0.1	28	0	13.2	-	4.27	-	10	1
	Month	47.8	61	20	14	10.5	-2.5	+1.9	05	0	183.5	139.2	-0.4	05	2	12.8	-2.3	5.27	96	9	3
Glenasoy Co. Mayo	1-10	35.3	-	9	7	9.8	-	+4.5	08	0	54.4	39.5	+1.8	07	0	-	-	5.70	-	11	-
	11-20	31.8	-	8	6	10.6	-	+5.0	13	0	62.1	46.6	+2.9	13	0	-	-	4.85	-	11	-
	21-end	20.3	-	10	8	10.6	-	+3.9	27	0	62.5	47.3	+1.7	27	0	-	-	3.54	-	13	-
	Month	87.4	-	27	21	10.4	-	+3.9	27	0	179.0	133.4	+1.7	27	0	-	-	4.70	-	12	-
Dunsany (Grange) Co. Meath	1-10	32.1	-	10	9	9.3	-	+2.9	07	0	50.9	36.9	-1.2	05	1	-	-	4.24	-	-	-
	11-20	15.8	-	5	5	11.1	-	+3.1	14	0	68.0	53.1	+0.4	12	0	-	-	5.12	-	NA	-
	21-end	23.5	-	9	4	11.4	-	+4.5	28	0	70.1	54.5	+1.1	29	0	-	-	3.59	-	-	-
	Month	71.4	-	24	18	10.6	-	+2.9	07	0	189.0	144.5	-1.2	05	1	-	-	4.32	-	-	-
Clones Co. Monaghan	1-10	42.8	-	7	6	9.6	-	+2.5	05	0	53.4	39.6	-1.2	05	3	11.8	-	5.94	-	8	1
	11-20	15.9	-	6	3	11.1	-	+4.2	12	0	67.2	51.9	+0.5	14	0	13.3	-	5.01	-	9	2
	21-end	31.3	-	8	7	11.1	-	+4.9	28	0	67.1	51.7	+0.4	29	0	12.6	-	3.91	-	10	2
	Month	90.0	122	21	16	10.6	-2.6	+2.5	05	0	187.7	143.2	-1.2	05	3	12.6	-3.2	4.95	91	9	5
Birr Co. Offaly	1-10	23.5	-	7	7	9.7	-	+4.2	04	0	54.1	40.1	+1.2	05	0	12.2	-	4.94	-	6	0
	11-20	11.1	-	7	4	11.6	-	+4.5	11	0	73.0	57.9	+2.0	14	0	14.9	-	5.99	-	7	0
	21-end	18.8	-	7	4	11.8	-	+5.3	28	0	74.5	58.6	+3.9	28	0	14.3	-	5.07	-	8	2
	Month	53.4	90	21	15	11.1	-2.7	+4.2	04	0	201.6	156.6	+1.2	05	0	13.8	-2.5	5.33	89	7	2
Thurles Co. Tipperary	1-10	37.6	-	9	6	9.5	-	+1.5	05	0	53.0	39.1	-4.1	05	4	-	-	3.26	-	-	-
	11-20	14.5	-	4	4	12.0	-	+3.8	11	0	76.5	60.3	-2.5	12	3	-	-	4.24	-	-	-
	21-end	11.4	-	5	2	12.7	-	+4.3	28	0	83.3	67.7	-3.5	28	3	-	-	4.11	-	-	-
	Month	63.5	99	18	12	11.4	-2.4	+1.5	05	0	212.8	167.1	-4.1	05	10	-	-	3.87	-	-	-
Dungarvan (Ballygagin) Co. Waterford	1-10	23.8	-	10	7	10.9	-	+0.6	03	0	66.1	51.4	-4.6	03	3	-	-	4.94	-	5	-
	11-20	13.0	-	6	5	12.2	-	+4.6	11	0	78.1	62.5	-0.8	11	2	-	-	4.21	-	5	-
	21-end	22.4	-	7	4	12.3	-	+4.5	28	0	78.7	63.5	-0.8	26	1	-	-	4.24	-	4	-
	Month	59.2	-	23	16	11.8	-	+0.6	03	0	222.9	177.4	-4.6	03	6	-	-	4.46	-	5	-
Mullingar Co. Westmeath	1-10	26.5	-	9	8	9.9	-	+3.1	05	0	55.5	41.6	-0.3	05	1	12.9	-	5.18	-	8	0
	11-20	15.8	-	5	5	11.6	-	+3.7	11	0	72.9	57.3	+0.5	11	0	14.7	-	5.04	-	8	3
	21-end	24.1	-	6	6	11.8	-	+4.2	28	0	74.6	59.3	-0.1	28	1	14.3	-	4.17	-	10	2
	Month	66.4	92	20	19	11.2	-2.4	+3.1	05	0	203.0	158.2	-0.3	05	2	14.0	-1.9	4.80	83	8	5
Campile (Ballysop) Co. Wexford	1-10	31.4	-	7	7	9.4	-	+3.1	05	0	51.0	37.1	-2.4	03	2	-	-	3.80	-	-	-
	11-20	11.5	-	5	4	10.9	-	+3.5	12	0	65.1	50.5	+1.4	17	0	-	-	2.70	-	NA	-
	21-end	22.5	-	6	3	11.4	-	+3.4	28	0	70.7	55.4	-0.5	28	1	-	-	2.92	-	-	-
	Month	65.4	-	18	14	10.6	-	+3.1	05	0	186.8	143.0	-2.4	03	3	-	-	3.17	-	-	-

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

TABLE 1. (Continued)

## RAINFALL, TEMPERATURE, SUNSHINE AND WIND

JUNE 1972

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 4.0°C	Degree Days Above 6.0°C	Lowest Grass Minimum	Day	No. of Days with Ground Frost					Mean Daily	Difference from Average
Clonroche Co. Wexford	1-10	27.5	-	7	6	9.0	-	+1.0	03	0	48.3	34.3	-2.7	03	2	-	-	3.73	-	5	-
	11-20	18.2	-	5	5	11.7	-	+4.0	11	0	73.7	58.5	-1.3	11	2	-	-	NA	-	6	-
	21-end	38.6	-	7	5	11.5	-	+3.6	28	0	71.8	56.3	-2.4	28	2	-	-	3.57	-	6	-
	Month	84.3	-	19	16	10.8	-	+1.0	03	0	193.8	149.1	-2.7	03	6	-	-	NA	-	5	-
Johnstown Castle Co. Wexford	1-10	24.5	-	7	7	9.7	-	+3.5	03	0	53.0	38.1	-2.1	03	3	-	-	3.59	-	7	-
	11-20	4.3	-	4	2	11.9	-	+6.4	11	0	74.9	58.9	-1.3	20	1	-	-	4.54	-	8	-
	21-end	21.8	-	5	5	11.7	-	+6.0	28	0	73.2	57.2	-1.0	28	1	-	-	5.12	-	8	-
	Month	50.6	74	16	14	11.1	-	+3.5	03	0	201.1	154.2	-2.1	03	5	-	-	4.42	-	8	-
Rosslare Co. Wexford	1-10	22.1	-	10	9	10.0	-	+5.3	03	0	55.9	40.0	+2.1	03	0	12.3	-	5.01	-	10	1
	11-20	4.1	-	5	1	12.0	-	+7.1	19	0	76.1	60.1	+3.1	16	0	14.7	-	5.31	-	10	3
	21-end	28.2	-	6	4	12.0	-	+6.5	28	0	76.5	60.5	+4.4	28	0	14.8	-	5.89	-	11	2
	Month	54.4	95	21	14	11.4	-2.4	+5.3	03	0	208.5	160.6	+2.1	03	0	13.9	-3.2	5.40	72	10	6

TABLE 2. SOLAR RADIATION (GLOBAL), POTENTIAL EVAPOTRANSPIRATION (P.E.) AND SOIL MOISTURE

STATION	PERIOD	SOLAR RADIATION	P.E.	SOIL MOISTURE		
		Amount	Amount	Deficit	Accumulated Deficit	Surplus
Carlow (Oak Park) Co. Carlow	1-10	-	16	0	0	10
	11-20	-	26	21	21	0
	21-end	-	27	0	19	2
	Month	-	69	-	-	-
Kinsealy Co. Dublin	1-10	18110	22	0	32	18
	11-20	19102	30	22	54	0
	21-end	17778	29	3	57	0
	Month	54990	81	-	-	-
Cahiriveen (Valentia Obey.) Co. Kerry	1-10	18026	24	0	0	28
	11-20	15747	18	0	0	2
	21-end	17458	18	3	3	0
	Month	51231	60	-	-	-
Kilkenny Co. Kilkenny	1-10	17427	-	-	-	-
	11-20	18711	-	-	-	-
	21-end	19407	-	-	-	-
	Month	55545	-	-	-	-
Ballinamore Co. Leitrim	1-10	NA	11	0	0	19
	11-20	18654	22	1	1	0
	21-end	NA	16	0	0	18
	Month	NA	49	-	-	-
Glenanoy Co. Mayo	1-10	19871	30	0	0	5
	11-20	18169	27	0	0	5
	21-end	15409	25	5	5	0
	Month	53449	82	-	-	-
Birr Co. Offaly	1-10	17259	-	-	-	-
	11-20	18925	-	-	-	-
	21-end	17723	-	-	-	-
	Month	53907	-	-	-	-
Johnstown Castle Co. Wexford	1-10	-	16	0	0	8
	11-20	-	16	11	11	0
	21-end	-	22	0	11	0
	Month	-	54	-	-	-

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