



## AGROMETEOROLOGICAL BULLETIN

JULY 1975

### The weather during July

For the first 6 days the weather was mostly fine. A few showers occurred in some coastal districts. Thundery outbreaks of rain affected Munster and South-east Leinster on the 7th and spread to all parts between the 8th and the 10th. Thundery activity was widespread on the 14th and there were isolated thunderstorms on the 22nd. However, from the 11th to 25th the weather was mostly of the normal unsettled type with rain-belts coming in from the Atlantic. The fronts were most active in the north and west but in the east amounts of rain were small. On the 26th and 27th the weather was dry. From the 28th to the 30th rain-belts affected the country. Fine weather returned on the 31st when the most sunshine in one day (15.1 hrs.) was recorded at Kilkenny.

Amounts of rainfall varied widely but were below normal over most of the country. Parts of the east had about 50% of normal. Indeed the May to July period was very dry in the Midlands and east and Birr recorded its lowest May-July rainfall for 70 years. At the other extreme Cork Airport had over 200% of the normal July rainfall, mainly due to an unusually violent thunderstorm on the 10th. Most areas had about 80% of normal rainfall but north Connaught and west Ulster had 100 to 125% of normal.

Mean monthly temperatures were well above normal. Temperatures were highest in the first week when maximum temperatures of 25°C were recorded. Between the 20th and the 25th there was a cool spell. The 24th and 25th were especially cool with maximum temperatures ranging from 14°C to 18°C and W or NW winds gusting to gale force at times. On the 31st Clarenorris recorded its only ground frost of the month.

Sunshine amounts were normal with the mean daily duration ranging from about 4 hrs. in parts of the North and West, to nearly 6 hrs. in the South-east.

Grass growth was poor in the east. At Kinsealey the soil moisture deficit was 108 mm. at the end of June and still 101 mm. at the end of July. Ballinamore started the month with a similar deficit of 101 mm, but this had reduced to 45 by the end. The first significant spells of blight weather this year were recorded in July. Coastal districts in the South, west and north west were most affected. Reports of infection to date have been few and the degree of infection slight.

SUMMARY July was mild with rainfall below normal in most areas. Sunshine amounts were normal.

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

JULY 1975

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					
Carlow (Oak Park) Co. Carlow	1-10	8.0	-	4	2	16.9	-	+7.0	06	0	125	69	+3.5	01	0	-	-	5.67	-	4	-
	11-20	23.4	-	6	4	17.3	-	+10.5	18	0	130	74	+7.0	18	0	-	-	2.96	-	7	-
	21-end	7.8	-	5	3	16.1	-	+7.7	31	0	129	68	+3.8	25	0	-	-	5.20	-	6	-
	Month	39.2	-	15	9	16.8	-	+7.0	06	0	384	211	+3.5	01	0	-	-	4.63	-	6	-
Shannon Airport Co. Clare	1-10	22.5	-	5	5	17.6	-	+9.5	03	0	132	76	+6.0	03	0	20.7	-	6.53	-	7	0
	11-20	25.2	-	8	5	17.0	-	+11.6	18	0	127	71	+7.4	18	0	18.6	-	3.08	-	9	0
	21-end	27.5	-	5	4	15.7	-	+7.7	31	0	124	63	+3.8	31	0	17.6	-	4.40	-	10	2
	Month	75.2	90	18	14	16.7	+1.2	+7.7	31	0	383	210	+3.8	31	0	18.9	+1.5	4.66	100	8	2
Fermoy (Moore Park) Co. Cork	1-10	40.8	-	4	4	16.0	-	+6.5	02	0	116	60	+0.9	02	0	-	-	6.56	-	5	-
	11-20	44.0	-	9	5	15.9	-	+7.2	16	0	115	59	+3.0	16	0	-	-	2.42	-	5	-
	21-end	4.5	-	4	2	15.1	-	+6.9	26	0	117	56	+2.4	24	0	-	-	5.49	-	6	-
	Month	89.3	-	15	11	15.6	-	+6.5	02	0	348	175	+0.9	02	0	-	-	4.85	-	5	-
Mallow Co. Cork	1-10	40.2	-	4	4	16.0	-	+5.8	05	0	117	61	+1.0	05	0	-	-	6.16	-	-	-
	11-20	32.7	-	8	6	16.1	-	+8.5	16	0	117	61	+3.0	16	0	-	-	1.97	-	-	-
	21-end	6.8	-	4	3	15.3	-	+7.0	26	0	121	60	+2.0	26	0	-	-	4.21	-	-	-
	Month	79.7	102	16	13	15.8	-	+5.8	05	0	355	182	+1.0	05	0	-	-	4.12	-	-	-
Roche's Point Co. Cork	1-10	32.9	-	4	4	16.8	-	+11.0	02	0	124	68	+5.2	02	0	19.2	-	7.50	-	9	0
	11-20	51.1	-	8	7	16.2	-	+12.0	18	0	118	62	+7.1	18	0	17.2	-	2.63	-	11	0
	21-end	0.9	-	2	0	14.9	-	+9.7	25	0	117	56	+4.9	25	0	17.7	-	6.39	-	10	3
	Month	84.9	120	14	11	15.9	+0.7	+9.7	25	0	359	186	+4.9	25	0	18.0	+0.9	5.54	98	10	3
Glencolumbkille Co. Donegal	1-10	5.9	-	4	2	16.2	-	+9.5	03	0	118	62				-	-	6.28	-	-	-
	11-20	27.6	-	7	6	16.3	-	+10.9	18	0	119	63				-	-	4.01	-	-	-
	21-end	78.6	-	8	7	14.3	-	+9.0	31	0	109	47	NA	NA		-	-	2.50	-	NA	-
	Month	112.1	-	19	15	15.6	-	+9.0	31	0	346	172				-	-	4.21	-	-	-
Glenties Co. Donegal	1-10	18.7	-	3	2	15.7	-	+4.3	03	0	113	57	-1.0	03	1	-	-	6.89	-	-	-
	11-20	48.7	-	7	7	16.2	-	+8.7	18	0	119	63	+3.8	18	0	-	-	3.87	-	-	-
	21-end	67.8	-	9	8	14.0	-	+4.0	31	0	106	44	-1.5	31	1	-	-	2.59	-	-	-
	Month	135.2	108	19	17	15.3	-	+4.0	31	0	338	164	-1.5	31	2	-	-	4.39	-	-	-

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

TABLE 1. (Continued)

## RAINFALL, TEMPERATURE, SUNSHINE AND WIND

JULY 1975

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
mm	%			°C	°C	°C					°C			°C	°C	Hr	%	Kt			
Malin Head Co. Donegal	1-10	2.2	-	4	1	14.0	-	+9.6	03	0	96	40	+6.2	07	0	19.0	-	7.23	-	8	0
	11-20	20.2	-	7	3	15.7	-	+11.7	11	0	114	58	+9.2	18	0	18.2	-	4.87	-	9	0
	21-end	62.7	-	8	7	14.3	-	+9.6	23	0	110	49	+6.7	31	0	15.5	-	3.29	-	13	4
	Month	85.1	90	19	11	14.6	+0.6	+9.6	23	0	320	147	+6.2	07	0	17.5	-	5.07	111	10	4
Dublin Airport Co. Dublin	1-10	9.6	-	3	2	16.6	-	+11.3	05	0	123	67	+7.4	02	0	20.0	-	6.64	-	7	0
	11-20	5.8	-	5	1	17.3	-	+12.3	18	0	129	73	+10.0	12	0	19.3	-	4.28	-	9	0
	21-end	12.4	-	5	4	15.8	-	+9.0	31	0	126	65	+5.9	31	0	18.5	-	5.13	-	10	2
	Month	27.8	40	13	7	16.6	+1.5	+9.0	31	0	378	205	+5.9	31	0	19.2	+1.9	5.34	103	9	2
Kinsealy Co. Dublin	1-10	11.9	-	4	3	15.6	-	+8.3	02	0	112	56	+4.5	05	0	-	-	6.88	-	5	-
	11-20	4.6	-	5	2	17.4	-	+11.4	12	0	130	74	+5.5	13	0	-	-	4.27	-	8	-
	21-end	11.3	-	5	3	N/A	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	-	N/A	-	7	-
	Month	27.8	-	14	8	N/A	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	-	N/A	-	7	-
Lucan (U.C.D. Field Stn.) Co. Dublin	1-10	9.0	-	3	2	16.3	-	+8.4	01	0	119	63	+3.4	06	0	-	-	5.52	-	4	-
	11-20	6.7	-	4	2	17.5	-	+11.9	18	0	132	76	+7.9	12	0	-	-	3.78	-	6	-
	21-end	14.3	-	5	3	15.6	-	+6.4	31	0	126	64	+0.4	31	0	-	-	4.71	-	NA	-
	Month	30.0	-	12	7	16.5	-	+6.4	31	0	377	203	+0.4	31	0	-	-	4.67	-	-	-
Galway (Univ. Coll.) Co. Galway	1-10	39.4	-	4	3	17.2	-	+10.5	01	0	129	73	+2.0	01	0	-	-	5.09	-	-	-
	11-20	36.0	-	7	5	16.7	-	+11.4	18	0	124	68	+6.2	20	0	-	-	4.36	-	N/A	-
	21-end	35.2	-	6	4	14.9	-	+8.4	31	0	116	54	+1.5	31	0	-	-	4.91	-	-	-
	Month	110.6	-	17	12	16.3	-	+8.4	31	0	369	195	+1.5	31	0	-	-	4.79	-	-	-
Killarney (Muckross Hse) Co. Kerry	1-10	62.7	-	4	4	15.9	-	+6.0	05	0	115	59	+1.6	05	0	-	-	N/A	-	-	-
	11-20	50.6	-	8	7	16.5	-	+10.5	18	0	121	65	+6.0	18	0	-	-	2.62	-	-	-
	21-end	13.2	-	4	3	15.4	-	+6.8	31	0	121	60	+2.8	31	0	-	-	4.60	-	-	-
	Month	126.5	-	16	14	15.9	-	+6.0	05	0	357	184	+1.6	05	0	-	-	N/A	-	-	-
Cahiriveen (Valentia Obsy.) Co. Kerry	1-10	25.3	-	4	3	15.7	-	+6.3	03	0	113	57	+4.2	03	0	19.4	-	6.59	-	5	0
	11-20	39.7	-	9	7	16.2	-	+11.1	18	0	119	63	+9.0	18	0	17.7	-	3.02	-	10	0
	21-end	15.9	-	4	3	15.1	-	+9.8	28	0	118	56	+8.0	31	0	16.9	-	4.57	-	10	0
	Month	80.9	76	17	13	15.6	+0.6	+6.3	03	0	350	176	+4.2	03	0	18.0	+0.8	4.72	101	8	0

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TABLE 1. (Continued)

## RAINFALL, TEMPERATURE, SUNSHINE AND WIND

JULY 1975

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
Tralee (Caherweesheen) Co. Kerry	1-10	44.9	-	4	4	16.3	-	+6.0	05	0	119	63	+3.3	05	0	-	-	5.78	-	-	-
	11-20	24.1	-	6	4	16.5	-	+9.3	18	0	112	66	+6.1	18	0	-	-	2.62	-	-	-
	21-end	17.6	-	5	2	15.6	-	+7.4	31	0	123	62	+4.9	26	0	-	-	4.11	-	-	-
	Month	86.6	-	15	10	16.1	-	+6.0	05	0	354	191	+3.3	05	0	-	-	4.17	-	-	-
Lullymore Co. Kildare	1-10	32.1	-	4	2	16.1	-	+5.9	06	0	118	62	+0.8	06	0	-	-	6.55	-	4	-
	11-20	16.6	-	6	3	17.1	-	+7.9	18	0	127	71	+2.4	18	0	-	-	4.07	-	8	-
	21-end	17.8	-	6	3	15.4	-	+4.0	31	0	122	60	-	-	-	-	-	4.34	-	8	-
	Month	66.5	-	16	8	16.2	-	+4.0	31	0	367	193	NA	NA	-	-	-	4.96	-	7	-
Kilkenny Co. Kilkenny	1-10	10.0	-	4	3	16.8	-	+7.2	05	0	124	68	+3.6	05	0	21.6	-	5.45	-	4	0
	11-20	37.1	-	6	5	16.7	-	+8.7	18	0	124	68	+6.1	18	0	18.5	-	2.82	-	5	0
	21-end	7.0	-	5	4	15.7	-	+6.8	25	0	125	63	+2.5	25	0	18.6	-	4.97	-	5	1
	Month	54.1	76	15	12	16.4	+1.1	+6.8	25	0	373	199	+2.5	25	0	19.5	+1.5	4.43	89	5	1
Mooncoin (Silverspring) Co. Kilkenny	1-10	15.9	-	4	4	16.7	-	+6.5	01	0	114	68	+1.4	05	0	-	-	6.78	-	-	-
	11-20	28.8	-	8	7	16.5	-	+8.6	16	0	121	65	+3.2	19	0	-	-	2.96	-	-	-
	21-end	3.1	-	3	1	15.4	-	+6.9	25	0	120	59	+0.4	25	0	-	-	5.81	-	-	-
	Month	47.8	-	15	12	16.2	-	+6.5	01	0	355	192	+0.4	25	0	-	-	5.20	-	-	-
Ballinamore Co. Leitrim	1-10	25.8	-	3	3	16.0	-	+5.6	01	0	117	61	-0.2	01	1	-	-	5.13	-	4	-
	11-20	34.5	-	6	5	16.5	-	+9.8	18	0	121	65	+5.0	18	0	-	-	3.87	-	5	-
	21-end	34.9	-	7	4	14.3	-	+4.0	31	0	109	47	+2.0	27	0	-	-	3.47	-	6	-
	Month	95.2	-	16	12	15.5	-	+4.0	31	0	347	173	-0.2	01	1	-	-	4.14	-	5	-
Ardee (Roharnamoe) Co. Louth	1-10	20.8	-	3	2	15.5	-	+6.1	06	0	111	55	+4.5	06	0	-	-	-	-	-	-
	11-20	15.1	-	9	3	17.2	-	+9.6	12	0	128	72	+7.3	12	0	-	-	-	-	-	-
	21-end	15.1	-	7	5	15.5	-	+5.4	31	0	122	61	+2.9	31	0	-	-	-	-	-	-
	Month	51.0	-	19	10	16.0	-	+5.4	31	0	361	188	+2.9	31	0	-	-	-	-	-	-
Ballinrobe (Creagh) Co. Mayo	1-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.18	-	-	-
	11-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.77	-	-	-
	21-end	NA	-	NA	-	-	-	NA	-	-	NA	-	NA	-	-	-	-	4.79	-	NA	-
	Month	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.26	-	-	-

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TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

JULY, 1975

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
Belmullet Co. Mayo	1-10	8.0	-	4	2	15.2	-	+8.1	04	0	108	52	+4.6	01	0	18.4	-	5.52	-	9	0
	11-20	31.9	-	6	5	15.9	-	+10.1	18	0	117	61	+6.5	18	0	18.2	-	3.86	-	11	1
	21-end	47.9	-	9	7	14.2	-	+7.1	31	0	108	47	+4.3	31	0	16.1	-	3.58	-	14	4
	Month	87.8	100	19	14	15.1	+0.7	+7.1	31	0	333	160	+4.3	31	0	17.5	+1.0	4.30	90	11	5
Claremorris Co. Mayo	1-10	27.0	-	3	3	15.7	-	+4.5	03	0	113	57	+1.1	04	0	18.8	-	5.32	-	6	0
	11-20	53.4	-	6	4	15.7	-	+8.3	18	0	114	58	+3.9	20	0	17.7	-	3.61	-	8	0
	21-end	35.2	-	7	5	14.1	-	+4.9	31	0	107	46	-0.3	31	1	16.2	-	3.32	-	9	1
	Month	115.6	118	16	12	15.1	+0.7	+4.5	03	0	334	161	-0.3	31	1	17.5	+1.5	4.06	100	8	1
Glenaroy Co. Mayo	1-10	30.7	-	5	3	15.1	-	+5.8	04	0	107	51	+2.5	04	0	-	-	5.41	-	-	-
	11-20	32.2	-	8	6	16.0	-	+8.8	20	0	110	60	+4.8	18	0	-	-	3.28	-	NA	-
	21-end	59.5	-	8	7	13.9	-	+4.2	31	0	105	44	+3.0	31	0	-	-	2.74	-	-	-
	Month	122.4	-	21	16	15.0	-	+4.2	31	0	328	155	+2.5	04	0	-	-	3.77	-	-	-
Dunsany (Grange) Co. Meath	1-10	11.4	-	3	2	15.7	-	+5.8	06	0	113	57	+1.7	06	0	-	-	6.12	-	-	-
	11-20	8.3	-	6	3	16.7	-	+10.2	12	0	124	68	+4.3	12	0	-	-	3.88	-	NA	-
	21-end	17.5	-	5	4	14.7	-	+6.0	31	0	114	52	+0.5	31	0	-	-	4.29	-	-	-
	Month	37.2	-	14	9	15.7	-	+5.8	06	0	351	177	+0.5	31	0	-	-	4.75	-	-	-
Clones Co. Monaghan	1-10	14.2	-	4	2	16.2	-	+7.2	04	0	118	62	+3.8	03	0	19.0	-	5.48	-	4	0
	11-20	23.8	-	8	6	16.6	-	+8.4	14	0	122	66	+5.7	18	0	18.1	-	3.74	-	6	0
	21-end	21.7	-	7	7	14.5	-	+5.5	31	0	111	49	+0.2	31	0	16.2	-	3.29	-	8	0
	Month	59.7	65	19	15	15.7	+1.3	+5.5	31	0	351	177	+0.2	31	0	17.7	+1.2	4.14	106	6	0
Birr Co. Offaly	1-10	34.2	-	2	2	16.9	-	+7.4	03	0	126	70	+4.6	03	0	22.5	-	6.11	-	4	0
	11-20	21.0	-	8	5	16.7	-	+8.6	18	0	123	67	+5.8	18	0	18.6	-	3.37	-	6	0
	21-end	20.5	-	5	5	15.1	-	+6.7	31	0	118	57	+4.5	31	0	17.4	-	4.98	-	6	1
	Month	75.7	89	15	12	16.2	+1.1	+6.7	31	0	367	194	+4.5	31	0	19.4	+2.1	4.83	106	5	1
Thurles Co. Tipperary	1-10	19.8	-	4	4	16.5	-	+6.7	06	0	121	65	+3.9	06	0	-	-	5.22	-	-	-
	11-20	30.0	-	7	7	15.8	-	+7.8	19	0	114	58	+5.1	18	0	-	-	2.55	-	-	-
	21-end	12.6	-	5	3	NA	-	NA	-	-	NA	-	NA	-	-	-	-	4.31	-	-	-
	Month	62.4	76	16	14	NA	NA	NA	-	-	NA	-	NA	-	-	-	-	4.04	-	-	-

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

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE and WIND

JULY 1975

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
mm	%	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	Hr	%	Kt			
Dungarvan (Ballygagin) Co. Waterford	1-10	45.7	-	4	4	16.5	-	+8.2	02	0	121	65	+2.9	05	0	-	-	6.92	-	4	-
	11-20	44.2	-	8	8	16.4	-	+9.5	16	0	120	64	+5.7	16	0	-	-	2.66	-	4	-
	21-end	0.8	-	1	0	15.9	-	+7.5	25	0	127	65	+3.5	25	0	-	-	5.75	-	4	-
	Month	90.7	-	13	12	16.2	-	+7.5	25	0	368	194	+2.9	05	0	-	-	5.13	-	4	-
Mullingar Co. Westmeath	1-10	24.4	-	3	2	16.4	-	+8.8	01	0	120	64	+5.3	03	0	19.0	-	6.47	-	7	0
	11-20	13.1	-	5	5	16.4	-	+10.1	18	0	120	64	+6.5	18	0	17.7	-	4.42	-	9	0
	21-end	17.7	-	6	4	14.6	-	+7.0	27	0	112	50	+3.5	31	0	16.4	-	4.62	-	11	3
	Month	55.2	60	14	11	15.7	+0.9	+7.0	27	0	352	178	+3.5	31	0	17.7	+1.1	5.15	115	9	3
Campile (Ballysop) Co. Wexford	1-10	7.9	-	4	3	15.9	-	+7.2	06	0	116	60	+1.9	06	0	-	-	5.87	-		
	11-20	35.9	-	7	7	15.9	-	+8.9	16	0	115	59	+3.6	16	0	-	-	2.58	-		NA
	21-end	0.8	-	2	0	15.5	-	+6.2	25	0	122	61	0.0	25	0	-	-	6.07	-		
	Month	44.6	-	13	10	15.8	-	+6.2	25	0	353	180	0.0	25	0	-	-	4.88	-		
Clonroche Co. Wexford	1-10	19.3	-	4	4	16.0	-	+7.9	02	0	116	60						5.46	-	5	
	11-20	38.9	-	8	7	16.2	-	+11.2	16	0	118	62	NA	NA				2.89	-	6	
	21-end	4.7	-	5	2	15.3	-	+7.9	24	0	120	58						5.32	-	6	
	Month	62.9	-	17	13	15.8	-	+7.9	24	0	354	180						4.58	-	6	
Johnstown Castle Co. Wexford	1-10	6.3	-	4	3	15.2	-	+9.5	06	0	112	56	+3.6	02	0			6.39	-	5	
	11-20	34.0	-	10	6	16.0	-	+11.0	16	0	116	60	+6.2	16	0			2.22	-	8	
	21-end	3.9	-	5	1	15.0	-	+8.3	24	0	117	55	+3.1	25	0			5.55	-	8	
	Month	44.2	55	19	10	15.4	-	+8.3	24	0	345	171	+3.1	25	0			4.75	-	7	
Rosslare Co. Wexford	1-10	3.4	-	3	2	15.9	-	+12.1	06	0	115	59	+6.1	02	0	20.0	-	6.76	-	9	0
	11-20	36.9	-	8	6	16.4	-	+12.3	16	0	120	64	+10.9	16	0	18.2	-	3.45	-	10	1
	21-end	2.5	-	4	1	15.4	-	+8.9	25	0	122	60	+6.5	25	0	18.5	-	6.76	-	12	2
	Month	42.8	64	15	9	15.9	+0.7	+8.9	25	0	357	183	+6.1	02	0	18.9	+0.5	5.69	88	11	3

See page 13 for details and explanatory notes on the tables.

TABLE 2.

SOLAR RADIATION (GLOBAL), POTENTIAL EVAPOTRANSPIRATION (P.E.) AND SOIL MOISTURE JULY 1975

STATION	PERIOD	SOLAR RADIATION	P.E.	SOIL MOISTURE		
		Amount	Amount	Deficit	Accumulated Deficit	Surplus
		Joule/cm <sup>2</sup>	mm	mm	mm	mm
Carlow (Oak Park) Co. Carlow	1-10	-	44	0	103	0
	11-20	-	21	0	83	20
	21-end	-	33	6	89	0
	Month	-	98	-	-	-
Kinsealy Co. Dublin	1-10		44	0	102	6
	11-20		36	3	105	0
	21-end	NA	41	0	101	4
	Month		121	-	-	-
Cahirciveen e (Valentia Obsy.) Co. Kerry	1-10	20412	29	0	74	11
	11-20	14926	21	0	41	33
	21-end	17291	20	1	42	0
	Month	52629	70	-	-	-
Kilkenny e Co. Kilkenny	1-10	19955	-	-	-	-
	11-20	14849	-	-	-	-
	21-end	18985	-	-	-	-
	Month	53789	-	-	-	-
Ballinamore Co. Leitrim	1-10	19292	54	0	87	14
	11-20	14631	22	0	61	26
	21-end	13895	29	0	45	16
	Month	47818	105	-	-	-
Glenamoy Co. Mayo	1-10	17545	29	0	66	20
	11-20	14354	24	0	48	18
	21-end	13722	31	0	13	35
	Month	45621	84	-	-	-
Birr e Co. Offaly	1-10	19284	-	-	-	-
	11-20	15380	-	-	-	-
	21-end	17922	-	-	-	-
	Month	52586	-	-	-	-
Johnstown Castle Co. Wexford	1-10	-	50	4	105	0
	11-20	-	23	0	75	30
	21-end	-	39	16	91	0
	Month	-	112	-	-	-

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