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DEPARTMENT OF TRANSPORT AND POWER - METEOROLOGICAL SERVICE



AGROMETEOROLOGICAL BULLETIN

JULY 1973

The weather during July

Over most of the country rainfall over the month was below normal and in some southern areas was less than 40% of normal. In parts of Leinster, however, where heavy rain fell during the period 14th - 16th, rainfall totals were above normal July values; at Rosslare, where the monthly total rainfall was 117.8 mm (175% of normal), 83.5 mm fell on the two days 15th and 16th. These heavy falls of rain, while helping to reduce the soil moisture deficits which had built up in eastern areas during June and early July, were accompanied by strong winds and caused some "lodging" in cereal crops. In the western half of the country particularly, the absence of long dry spells made haymaking difficult for most of the month; during the last week most areas experienced several days of favourable haymaking weather although this dry spell was marred in places by thundery showers.

Temperatures were near normal except near the west coast where mean air temperatures were 0.8°C below normal. Except in those western coastal areas, totals of degree-days above 10.0°C were above 1961-1970 averages; in most inland districts, the totals of degree-days above 10.0°C accumulated during the May-July period this year were 70 - 100 degree-days ($^{\circ}\text{C}$) greater than those accumulated during the same period in 1972.

Spells of "blight-weather" were experienced in most parts at intervals during the month, the western half of the country being subject to lengthy spells during the first week and again during the last days of the month. Reports from Potato Inspectors indicate average or below-average incidence of Potato Blight in most areas except in parts of Connaught where incidence is estimated to be above-average.

TABLE 1.

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

JULY 1973

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	25.8	-	4	2	14.8	-	+6.3	02	0	104	51	+1.2	07	0	-	-	4.86	-	7	-
	11-20	33.9	-	7	5	15.1	-	+6.5	14	0	107	52	+2.3	14	0	-	-	1.73	-	6	-
	21-end	5.3	-	2	2	14.9	-	+7.0	22	0	116	56	+2.6	22	0	-	-	4.99	-	4	-
	Month	65.0	-	13	9	14.9	-	+6.3	02	0	327	159	+1.2	07	0	-	-	3.90	-	6	-
Shannon Airport e Co. Clare	1-10	25.6	-	6	5	15.0	-	+9.4	02	0	106	50	+6.4	02	0	16.8	-	3.45	-	8	0
	11-20	33.7	-	8	6	15.3	-	+10.1	14	0	104	53	+8.5	14	0	16.5	-	2.10	-	11	0
	21-end	4.3	-	3	2	15.6	-	+8.6	27	0	123	62	+5.2	27	0	17.8	-	4.84	-	6	0
	Month	63.6	76	17	13	15.3	-0.2	+8.6	27	0	333	165	+5.2	27	0	17.1	-0.3	3.51	75	8	0
Fermoy (Moore Park) Co. Cork	1-10	18.8	-	5	3	14.3	-	+5.4	07	0	99	47	+2.0	07	0	-	-	3.92	-	5	-
	11-20	20.7	-	6	3	14.4	-	+6.0	15	0	100	46	+3.1	15	0	-	-	1.77	-	6	-
	21-end	29.2	-	6	3	14.8	-	+4.3	27	0	114	56	+2.7	27	0	-	-	6.09	-	4	-
	Month	68.7	-	17	9	14.5	-	+4.3	27	0	313	149	+2.0	07	0	-	-	4.00	-	5	-
Mallow Co. Cork	1-10	28.2	-	7	5	14.9	-	+5.6	07	0	105	52	-2.1	07	3	-	-	3.08	-	-	-
	11-20	44.6	-	5	5	14.9	-	+7.7	14	0	105	51	+0.4	14	0	-	-	1.19	-	-	-
	21-end	5.9	-	3	2	15.3	-	+6.6	27	0	120	62	-0.8	27	2	-	-	5.18	-	-	-
	Month	78.7	101	15	12	15.1	-	+5.6	07	0	330	165	-2.1	07	5	-	-	3.22	-	-	-
Roche's Point e Co. Cork	1-10	8.1	-	1	1	14.3	-	+7.9	02	0	99	44	+4.6	09	0	17.0	-	5.73	-	9	0
	11-20	12.7	-	5	4	15.3	-	+9.3	14	0	109	53	+2.9	14	0	16.5	-	2.98	-	11	1
	21-end	4.4	-	2	2	15.2	-	+8.8	22	0	119	58	+7.1	22	0	17.2	-	6.78	-	7	0
	Month	25.2	35	8	7	15.0	-0.2	+7.9	02	0	327	155	+2.9	14	0	16.9	-0.2	5.22	93	9	1
Glencolumbkille Co. Donegal	1-10	33.9	-	7	7	13.2	-	+8.3	07	0	88	33	+5.4	07	0	-	-	5.33	-	7	-
	11-20	33.7	-	8	6	13.7	-	+8.0	14	0	93	38	+4.0	14	0	-	-	2.01	-	9	-
	21-end	13.9	-	4	4	13.8	-	+7.2	27	0	104	43	+2.5	27	0	-	-	2.81	-	5	-
	Month	81.5	-	19	17	13.6	-	+7.2	27	0	285	114	+2.5	27	0	-	-	3.36	-	7	-
Glenties Co. Donegal	1-10	21.8	-	6	6	13.6	-	+5.4	08	0	92	39	+2.5	02	0	-	-	5.18	-	-	-
	11-20	29.7	-	8	7	14.1	-	+5.5	14	0	97	42	+3.2	14	0	-	-	1.81	-	-	-
	21-end	26.0	-	5	5	13.8	-	+4.5	27	0	103	45	+1.5	27	0	-	-	2.13	-	-	-
	Month	77.5	62	19	18	13.8	-	+4.5	27	0	292	126	+1.5	27	0	-	-	3.01	-	-	-

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

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

JULY 1973

STATION	PERIOD	RAINFALL				TEMPERATURE											BRIGHT SUNSHINE		WIND		
		Amount	Percentage of Average	No. of Rair. 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 w/lt. 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	31.4	-	7	4	13.9	-	+8.0	08	0	95	40	+4.2	08	0	16.0	-	5.63	-	12	1
	11-20	35.3	-	8	4	13.7	-	+8.4	14	0	93	38	+6.7	14	0	15.7	-	2.46	-	13	1
	21-end	16.7	-	5	3	13.9	-	+9.6	22	0	105	43	+7.4	22	0	16.6	-	3.89	-	10	0
	Month	83.4	88	20	11	13.9	-0.1	+8.0	08	0	293	121	+4.2	08	0	16.1	-	3.99	87	11	2
Dublin Airport Co. Dublin	1-10	11.3	-	3	2	15.3	-	+6.3	07	0	110	54	+3.9	07	0	18.1	-	5.34	-	8	0
	11-20	58.4	-	8	7	15.0	-	+9.1	14	0	106	51	+7.0	14	0	16.6	-	2.27	-	11	1
	21-end	3.1	-	2	2	14.7	-	+7.0	22	0	113	53	+5.1	22	0	17.6	-	6.55	-	6	0
	Month	72.8	104	13	11	15.0	-0.1	+6.3	07	0	329	158	+3.9	07	0	17.4	+0.1	4.78	92	8	1
Kinsealy Co. Dublin	1-10	10.7	-	4	1	16.0	-	+7.6	07	0	116	61	+0.4	09	0	-	-	4.22	-	6	-
	11-20	46.7	-	8	6	16.1	-	+10.1	20	0	117	61	+7.2	14	0	-	-	1.80	-	8	-
	21-end	3.0	-	2	1	NA	-	+8.2	22	0	NA	NA	+2.4	28	0	-	-	6.07	-	4	-
	Month	60.4	-	14	8	NA	-	+7.6	07	0	NA	NA	+0.4	09	0	-	-	4.10	-	6	-
Galway (Univ. Coll.) Co. Galway	1-10	8.6	-	6	4	14.5	-	+8.8	07	0	101	46				-	-	4.69	-		-
	11-20	33.8	-	7	7	15.0	-	+10.2	15	0	106	50				-	-	2.03	-		-
	21-end	8.8	-	4	3	14.8	-	+9.6	22	0	115	53	NA	NA		-	-	3.86	-	NA	-
	Month	51.2	-	17	14	14.8	-	+8.8	07	0	322	149				-	-	3.54	-		-
Killarney (Muckross Hse) Co. Kerry	1-10	24.0	-	6	4	14.6	-	+6.7	08	0	102	48	+2.0	08	0	-	-	3.73	-	-	-
	11-20	29.7	-	8	5	14.6	-	+9.4	15	0	102	46	+5.1	15	0	-	-	1.22	-	-	-
	21-end	13.7	-	3	3	14.7	-	+6.9	27	0	113	53	+2.3	27	0	-	-	4.21	-	-	-
	Month	67.4	-	17	12	14.6	-	+6.7	08	0	317	147	+2.0	08	0	-	-	3.09	-	-	-
Cahirciveen (Valentia Obsy.) Co. Kerry	1-10	31.3	-	7	6	14.0	-	+7.2	02	0	96	41	+5.5	02	0	16.6	-	4.19	-	9	1
	11-20	19.2	-	7	6	14.3	-	+9.3	15	0	99	44	+7.6	15	0	16.4	-	2.07	-	9	1
	21-end	8.7	-	4	3	14.2	-	+7.2	27	0	108	47	+4.5	27	0	17.8	-	7.15	-	6	0
	Month	59.2	56	18	15	14.2	-0.8	+7.2	27	0	303	132	+4.5	27	0	16.9	-0.3	4.55	97	8	2
Tralee (Caherweesheen) Co. Kerry	1-10	23.2	-	6	3	14.9	-	+6.0	08	0	105	51	+1.4	08	0	-	-	3.62	-	-	-
	11-20	30.6	-	8	7	15.1	-	+6.5	15	0	107	52	+2.7	15	0	-	-	1.89	-	-	-
	21-end	18.8	-	4	3	15.0	-	+4.5	26	0	117	58	-0.1	26	1	-	-	5.00	-	-	-
	Month	72.6	-	18	13	15.0	-	+4.5	26	0	329	161	-0.1	26	1	-	-	3.55	-	-	-

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TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

JULY 1973

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	°C	°C	°C	°C	°C	Hr	%	Kt					
Lullymore Co. Kildare	1-10	30.6	-	5	4	14.4	-	+4.4	07	0	100	48	-2.6	07	1	-	-	4.05	-	8	-
	11-20	42.0	-	7	6	14.6	-	+6.5	14	0	102	47	+3.0	14	0	-	-	1.98	-	10	-
	21-end	5.4	-	4	2	14.3	-	+5.6	22	0	109	51	+2.1	22	0	-	-	5.05	-	6	-
	Month	78.0	-	16	12	14.4	-	+4.4	07	0	311	146	-2.6	07	1	-	-	3.74	-	8	-
Kilkenny e Co. Kilkenny	1-10	17.8	-	4	2	14.3	-	+4.0	02	0	99	48	+1.6	09	0	18.2	-	4.39	-	5	0
	11-20	22.6	-	5	3	15.1	-	+4.4	14	0	107	53	+1.0	14	0	16.8	-	1.54	-	5	1
	21-end	36.1	-	3	3	15.0	-	+6.9	22	0	116	57	+4.5	26	0	17.3	-	5.45	-	4	0
	Month	76.5	107	12	8	14.8	-0.5	+4.0	02	0	322	158	+1.0	14	0	17.4	-0.6	3.85	78	5	1
Mooncoin (Silverspring) Co. Kilkenny	1-10	18.8	-	2	1	14.2	-	+5.0	02	0	98	46	+1.0	07	0	-	-	4.62	-	-	-
	11-20	31.0	-	7	4	14.9	-	+6.0	14	0	105	51	+0.7	14	0	-	-	2.20	-	-	-
	21-end	2.8	-	3	1	15.1	-	+6.7	28	0	118	58	+2.9	28	0	-	-	5.60	-	-	-
	Month	52.6	-	12	6	14.7	-	+5.0	02	0	321	155	+0.7	14	0	-	-	4.19	-	-	-
Ballinamore Co. Leitrim	1-10	40.7	-	7	6	14.2	-	+6.2	07	0	98	45	+5.8	07	0	-	-	3.90	-	6	-
	11-20	23.1	-	8	4	14.7	-	+9.3	14	0	103	47	+9.2	18	0	-	-	1.89	-	7	-
	21-end	8.1	-	4	3	14.4	-	+6.5	27	0	110	51	+2.1	27	0	-	-	2.86	-	4	-
	Month	71.9	-	19	13	14.4	-	+6.2	07	0	311	143	+2.1	27	0	-	-	2.88	-	6	-
Ardee (Boharnamoe) Co. Louth	1-10	20.4	-	6	3	14.6	-	+4.2	07	0	102	49	-0.6	07	1	-	-	-	-	-	-
	11-20	48.4	-	7	7	15.1	-	+8.5	14	0	107	51	+5.2	14	0	-	-	-	-	-	-
	21-end	4.4	-	3	1	14.1	-	+5.4	26	0	107	49	+1.2	26	0	-	-	-	-	-	-
	Month	73.2	-	16	11	14.6	-	+4.2	07	0	316	149	-0.6	07	1	-	-	-	-	-	-
Ballinrobe (Creagh) Co. Mayo	1-10	11.8	-	5	3	14.2	-	+7.9	02	0	88	44	+2.2	02	0	-	-	4.54	-	4	-
	11-20	28.9	-	6	4	14.6	-	+7.9	14	0	102	47	+8.4	17	0	-	-	1.72	-	5	-
	21-end	7.6	-	5	2	14.3	-	+5.6	28	0	109	50	+3.1	28	0	-	-	2.85	-	2	-
	Month	48.3	-	16	9	14.4	-	+5.6	28	0	299	141	+2.2	02	0	-	-	3.03	-	3	-
Belmullet e Co. Mayo	1-10	16.4	-	6	4	13.4	-	+6.8	06	0	91	36	+5.1	06	0	16.5	-	5.57	-	13	1
	11-20	32.5	-	9	8	13.7	-	+10.4	18	0	94	38	+9.4	18	0	15.7	-	1.93	-	13	0
	21-end	6.2	-	4	1	13.6	-	+7.3	25	0	101	42	+5.1	27	0	16.7	-	4.32	-	8	0
	Month	55.1	63	19	13	13.6	-0.8	+6.8	06	0	286	116	+5.1	27	0	16.3	-0.2	3.95	82	11	1

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TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

JULY 1973

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
Claremorris Co. Mayo	1-10	22.4	-	5	3	13.7	-	+6.1	07	0	94	40	+2.0	07	0	15.7	-	3.73	-	6	0
	11-20	25.1	-	6	6	14.2	-	+8.1	14	0	98	43	+4.5	14	0	15.7	-	1.47	-	8	0
	21-end	6.4	-	4	3	14.0	-	+4.8	27	0	106	48	+1.5	26	0	15.9	-	3.20	-	4	0
	Month	53.9	55	15	12	14.0	-0.4	+4.8	27	0	298	131	+1.5	26	0	15.8	-0.2	2.81	69	6	0
Glenamoy Co. Mayo	1-10	17.4	-	8	4	13.6	-	+6.4	07	0	92	38	+3.9	06	0	-	-	4.84	-	10	-
	11-20	37.0	-	9	6	13.7	-	+10.3	14	0	93	37	+8.6	15	0	-	-	1.31	-	11	-
	21-end	13.6	-	7	3	13.7	-	+7.6	25	0	102	43	+4.9	25	0	-	-	3.29	-	6	-
	Month	68.0	-	24	13	13.6	-	+6.4	07	0	287	118	+3.9	06	0	-	-	3.15	-	9	-
Dunsany (Grange) Co. Meath	1-10	47.5	-	7	4		-									-	-	4.15	-		-
	11-20	43.5	-	8	7	NA	-	NA			NA		NA			-	-	2.17	-	NA	-
	21-end	3.1	-	2	2	NA	-	NA			NA		NA			-	-	4.53	-	NA	-
	Month	94.1	-	17	13		-									-	-	3.65	-		-
Clones Co. Monaghan	1-10	32.1	-	7	5	14.6	-	+5.8	07	0	102	48	+1.6	07	0	17.2	-	5.24	-	7	1
	11-20	21.5	-	6	6	14.6	-	+9.3	14	0	102	46	+8.0	14	0	15.8	-	1.97	-	8	1
	21-end	4.0	-	2	1	14.5	-	+7.1	26	0	111	51	+2.7	26	0	16.1	-	3.57	-	5	0
	Month	57.6	63	15	12	14.6	+0.2	+5.8	07	0	315	145	+1.6	07	0	16.4	-0.1	3.59	92	7	2
Birr Co. Offaly	1-10	56.1	-	5	4	14.6	-	+6.0	07	0	102	48	+4.2	07	0	17.3	-	4.38	-	6	0
	11-20	38.1	-	8	5	14.7	-	+7.6	14	0	104	48	+5.9	14	0	16.6	-	1.71	-	8	0
	21-end	2.0	-	2	1	15.0	-	+6.0	26	0	117	57	+4.8	22	0	18.1	-	5.30	-	4	0
	Month	96.2	114	15	10	14.8	-0.3	+6.0	26	0	323	153	+4.2	07	0	17.3	0.0	3.84	85	6	0
Thurles Co. Tipperary	1-10	24.7	-	7	2	14.2	-	+4.3	02	0	98	46	-0.1	07	1	-	-	3.55	-	-	-
	11-20	26.7	-	8	5	15.0	-	+9.1	15	0	106	50	+3.7	14	0	-	-	1.67	-	-	-
	21-end	4.8	-	2	1	14.9	-	+5.9	22	0	116	57	+1.1	22	0	-	-	4.60	-	-	-
	Month	56.2	69	17	8	14.7	-0.4	+4.3	02	0	320	153	-0.1	07	1	-	-	3.32	-	-	-
Dungarvan (Ballygagin) Co. Waterford	1-10	12.5	-	4	2	14.8	-	+5.6	09	0	104	52	+1.9	09	0	-	-	5.12	-	4	-
	11-20	19.3	-	7	5	15.3	-	+6.2	14	0	109	55	+1.8	14	0	-	-	2.46	-	4	-
	21-end	3.1	-	4	1	15.5	-	+7.9	22	0	122	62	+2.4	22	0	-	-	6.50	-	3	-
	Month	34.9	-	15	8	15.2	-	+5.6	09	0	335	169	+1.8	14	0	-	-	4.75	-	4	-

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TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

JULY 1973

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	°C	°C	°C	°C	°C	Hr	%	Kt					
Mullingar Co. Westmeath	1-10	35.3	-	8	4	14.8	-	+5.8	07	0	104	50	+1.7	07	0	17.2	-	4.36	-	7	0
	11-20	43.8	-	7	7	14.9	-	+7.3	14	0	105	50	+4.0	14	0	16.4	-	2.19	-	9	0
	21-end	3.8	-	3	1	15.3	-	+7.0	26	0	120	60	+4.2	25	0	17.5	-	4.73	-	6	0
	Month	82.9	90	18	12	15.1	+0.3	+5.8	07	0	329	160	+1.7	07	0	17.0	+0.4	3.79	85	7	0
Campile (Ballysop) Co. Wexford	1-10	16.6	-	3	1	14.6	-	+5.9	02	0	102	49	+1.8	09	0	-	-	4.81	-	-	-
	11-20	39.4	-	5	5	14.8	-	+6.1	14	0	105	50	+0.6	14	0	-	-	1.91	-	NA	-
	21-end	6.0	-	4	3	15.2	-	+7.0	22	0	118	58	+2.0	22	0	-	-	5.84	-	-	-
	Month	62.0	-	12	9	14.9	-	+5.9	02	0	325	157	+0.6	14	0	-	-	4.24	-	-	-
Clonroche Co. Wexford	1-10	22.7	-	4	3	14.5	-	+5.5	07	0	101	49	-2.8	07	2	-	-	5.10	-	4	-
	11-20	37.7	-	8	6	14.8	-	+7.0	14	0	104	50	-0.4	14	1	-	-	2.41	-	4	-
	21-end	8.0	-	4	2	14.7	-	+7.1	22	0	113	58	-0.1	28	1	-	-	5.38	-	2	-
	Month	68.4	-	16	11	14.7	-	+5.5	07	0	318	157	-2.8	07	4	-	-	5.81	-	3	-
Johnstown Castle Co. Wexford	1-10	26.4	-	4	4	14.5	-	+8.5	09	0	101	59	+0.8	09	0	-	-	5.79	-	6	-
	11-20	48.2	-	7	5	14.6	-	+9.4	14	0	102	47	+4.5	14	0	-	-	3.13	-	6	-
	21-end	10.6	-	4	4	14.7	-	+8.5	22	0	113	52	+3.8	28	0	-	-	6.26	-	4	-
	Month	85.2	106	15	13	14.6	-	+8.5	22	0	316	158	+0.8	09	0	-	-	5.10	-	6	-
Rosslare Co. Wexford	1-10	15.8	-	5	4	14.7	-	+9.5	09	0	103	47	+3.6	08	0	18.0	-	6.88	-	8	0
	11-20	93.7	-	7	5	15.0	-	+8.6	14	0	106	50	+5.7	14	0	17.2	-	3.52	-	10	1
	21-end	8.3	-	3	3	14.7	-	+8.9	22	0	114	52	+6.7	22	0	17.7	-	7.45	-	7	0
	Month	117.8	175	15	12	14.8	-0.4	+8.6	14	0	323	149	+3.6	08	0	17.6	-0.8	6.00	93	8	1

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

TABLE 2.

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

JULY, 1973

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	-	11	0	85	0
	11-20	-	21	0	69	16
	21-end	-	23	8	77	0
	Month	-	55	-	-	-
Kinsealy Co. Dublin	1-10	15272	52	0	106	4
	11-20	11974	40	0	65	41
	21-end	18966	46	25	90	0
	Month	46212	138	-	-	-
Cahiriveen e (Valentia Obsy.) Co. Kerry	1-10	16246	10	0	0	42
	11-20	13291	16	0	0	4
	21-end	22734	24	17	17	0
	Month	52271	50	-	-	-
Kilkenny e Co. Kilkenny	1-10	17532	-	-	-	-
	11-20	12021	-	-	-	-
	21-end	18897	-	-	-	-
	Month	48450	-	-	-	-
Ballinamore Co. Leitrim	1-10	15748	17	0	4	24
	11-20	11214	16	0	0	7
	21-end	15987	27	19	19	0
	Month	42949	60	-	-	-
Glenamoy Co. Mayo	1-10	16015	22	4	4	0
	11-20	11636	24	0	0	13
	21-end	15102	13	0	0	0
	Month	42753	59	-	-	-
Birr e Co. Offaly	1-10	16170	-	-	-	-
	11-20	11917	-	-	-	-
	21-end	18769	-	-	-	-
	Month	46856	-	-	-	-
Johnstown Castle Co. Wexford	1-10	-	41	0	62	1
	11-20	-	20	0	27	35
	21-end	-	32	21	48	0
	Month	-	93	-	-	-

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