

D.C. Rosslare.

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DEPARTMENT OF TRANSPORT AND POWER - METEOROLOGICAL SERVICE



AGROMETEOROLOGICAL BULLETIN

JULY 1972

The weather during July

Although the month started on a very unpromising note - cold and windy with frequent spells of heavy rain - there was a welcome improvement towards the end of the second week when an anticyclone which developed over the country brought dry, sunny, warm weather to all parts of the country. This fine spell was interrupted during the week-end 21st - 23rd when thundery showers fell in most places; there was a return to dry, warm conditions during the period 24th - 28th. During the last three days of the month a deterioration set in when weather systems from the west moved in over the country, temperature fell and most places had showers or longer periods of rain; isolated thunderstorms were reported on 31st.

The very low temperatures during the first ten days of the month were balanced by the high values during the warm spell between the 13th and the 28th so that mean air temperatures over the month were close to the normal July values except in some coastal areas - Malin Head (-1.0°C), Rosslare and Belmullet (-0.8°C). Crop growth, which had been very much retarded by low temperatures during May, June and early July showed a marked improvement in the second half of July and by the end of the month most crops were reported to be promising although still somewhat backward because of the late start.

Rainfall amounts over the month were generally below average and most places had less than 75% of the normal July rainfall. In a few areas, however, where thundery showers during the periods 21st - 23rd and 30th - 31st were particularly heavy, rainfall totals were above normal; these heavy showers caused considerable "lodging" in cereal crops, chiefly in barley. The long dry, sunny spells during the second half of the month were particularly suitable for haymaking and much of this year's crop was harvested in good condition during that period.

Although weather conditions generally were not favourable for a serious spread of fungus diseases - too cold early on, too dry for much of the second half of the month - some "blight-weather" did occur, chiefly in southern areas on 12th/13th and in most places during the thundery spell from 21st - 23rd.

TABLE 1.

RAINFALL, TEMPERATURE, SUNSHINE AND WIND.

JULY 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 Gusts		
						Mean Daily	Difference from Average	Lowest Minimum	Day	No. of Days with Air Frost	Degrees Above 4.0C	Degrees Above 6.0C	Lowest Grass Minimum	Day	No. of Days with Ground Frost					Mean Daily	Difference from Average
mm	%	°C	°C	°C							°C	°C	Hr	%	Kt						
Carlow (Oak Park) Co. Carlow	1-10	25.4	-	5	4	12.5	-	+ 5.4	09	0	81.1	55.3	-1.2	08	2	-	-	1.81	-	7	-
	11-20	0.7	-	2	0	16.9	-	+ 8.2	11	0	125.2	109.2	+5.2	11	0	-	-	6.87	-	3	-
	21-end	32.2	-	5	4	15.6	-	+ 7.2	27	0	123.4	105.8	+4.5	27	0	-	-	3.84	-	3	-
	Month	58.3	-	12	8	15.0	-	+ 5.4	09	0	329.7	280.3	-1.2	08	2	-	-	4.16	-	5	-
Shannon Airport Co. Clare	1-10	43.2	-	7	4	12.8	-	+ 8.7	09	0	84.3	68.3	+6.1	09	0	14.3	-	3.44	-	11	0
	11-20	1.6	-	3	0	18.1	-	+10.6	13	0	136.9	120.9	+8.8	16	0	19.9	-	8.31	-	5	0
	21-end	12.7	-	5	2	16.3	-	+10.9	26	0	131.4	113.8	+9.4	25	0	18.9	-	3.22	-	6	1
	Month	57.5	69	15	6	15.8	+0.3	+8.7	09	0	352.6	303.0	+6.1	09	0	17.8	+0.4	4.93	106	7	1
Fernoy (Moore Park) Co. Cork	1-10	24.3	-	6	3	13.3	-	+5.3	09	0	89.5	73.6	-0.2	09	1	-	-	2.54	-	6	-
	11-20	5.0	-	3	1	17.8	-	+9.0	15	0	133.7	117.7	+1.8	11	0	-	-	5.78	-	3	-
	21-end	11.8	-	5	4	17.0	-	+7.5	29	0	138.2	120.6	+4.7	29	0	-	-	3.18	-	3	-
	Month	41.1	-	14	8	16.1	-	+5.3	09	0	361.4	311.9	-0.2	09	1	-	-	3.85	-	4	-
Mallow Co. Cork	1-10	27.4	-	4	3	13.2	-	+ 7.0	09	0	88.0	72.0	+0.5	05	0	-	-	2.45	-	-	-
	11-20	8.3	-	2	1	17.4	-	+ 7.3	11	0	129.5	113.5	+1.6	11	0	-	-	4.77	-	-	-
	21-end	4.3	-	5	1	16.4	-	+ 9.1	29	0	132.1	114.5	+2.1	29	0	-	-	2.34	-	-	-
	Month	40.0	51	11	5	15.7	-	+ 7.0	09	0	349.6	300.0	+0.5	05	0	-	-	3.16	-	-	-
Roche's Point Co. Cork	1-10	23.9	-	5	3	12.9	-	+ 8.2	09	0	85.4	69.4	+5.7	05	0	14.3	-	3.31	-	11	0
	11-20	3.8	-	2	1	16.3	-	+ 9.0	11	0	118.9	102.9	+3.8	11	0	17.4	-	7.35	-	7	0
	21-end	6.1	-	4	2	15.9	-	+10.7	29	0	126.5	108.9	+8.2	29	0	17.7	-	4.35	-	7	0
	Month	33.8	48	11	6	15.1	-0.1	+ 8.2	09	0	330.8	281.2	+3.8	11	0	16.6	+0.5	4.98	88	8	0
Glencolumbkille Co. Donegal	1-10	30.5	-	9	8	11.5	-	+ 8.0	09	0	71.1	55.1	-	-	-	-	-	3.03	-	8	-
	11-20	4.1	-	3	3	15.6	-	+ 6.5	13	0	112.3	96.3	-	-	-	-	-	9.50	-	5	-
	21-end	38.1	-	8	6	15.0	-	+ 9.2	26	0	116.6	99.0	-	-	-	-	-	3.79	-	4	-
	Month	72.7	-	20	17	14.1	-	+ 6.5	13	0	300.0	250.4	-	-	-	-	-	5.39	-	5	-
Glenties Co. Donegal	1-10	29.3	-	10	7	11.3	-	+ 6.5	08	0	69.1	53.1	+1.3	08	0	-	-	2.37	-	-	-
	11-20	1.1	-	2	0	15.9	-	+ 5.0	13	0	114.9	99.2	-0.8	13	1	-	-	9.02	-	-	-
	21-end	30.3	-	8	5	14.7	-	+ 7.5	26	0	113.1	95.5	+3.0	26	0	-	-	2.67	-	-	-
	Month	60.7	49	20	12	14.0	-	+ 5.0	13	0	297.1	247.8	-0.8	13	1	-	-	4.62	-	-	-
Malin Head Co. Donegal	1-10	12.8	-	8	4	11.7	-	+ 6.3	04	0	72.6	56.6	+4.4	04	0	13.3	-	4.63	-	14	4
	11-20	1.9	-	2	1	14.0	-	+ 7.6	13	0	95.7	79.7	+5.9	13	0	17.4	-	8.86	-	7	2
	21-end	30.1	-	6	6	13.3	-	+ 8.6	27	0	97.9	80.3	+5.0	27	0	16.1	-	2.76	-	7	0
	Month	44.8	47	16	11	13.0	-1.0	+ 6.3	04	0	266.2	216.6	+4.4	04	0	15.6	-	5.34	117	9	6
Dublin Airport Co. Dublin	1-10	27.4	-	6	4	12.7	-	+ 7.0	09	0	82.7	66.7	+4.8	09	0	14.4	-	4.10	-	10	1
	11-20	0.6	-	1	0	16.3	-	+ 8.8	11	0	119.2	103.2	+7.0	11	0	19.4	-	10.37	-	6	0
	21-end	17.5	-	5	3	15.8	-	+10.6	21	0	125.7	108.1	+6.5	27	0	18.9	-	3.57	-	5	0
	Month	45.5	65	12	7	15.0	-0.1	+ 7.0	09	0	327.6	278.0	+4.8	09	0	17.6	+0.3	5.94	115	7	1
Kinsealy Co. Dublin	1-10	22.3	-	6	4	13.1	-	+ 6.9	08	0	86.8	70.8	+2.0	08	0	-	-	3.12	-	7	-
	11-20	1.2	-	2	0	16.0	-	+ 9.1	11	0	115.9	99.9	+3.7	15	0	-	-	9.63	-	4	-
	21-end	11.3	-	5	3	15.3	-	+ 8.1	27	0	119.4	101.8	+0.5	27	0	-	-	3.51	-	4	-
	Month	34.8	-	13	7	14.8	-	+ 6.9	08	0	322.1	272.5	+0.5	27	0	-	-	5.36	-	5	-
Galway (Univ. Coll.) Co. Galway	1-10	33.7	-	7	6	12.6	-	+ 9.0	05	0	81.5	65.5	+6.0	05	0	-	-	3.33	-	-	-
	11-20	3.4	-	1	1	18.6	-	+ 9.0	12	0	142.2	126.2	+8.0	12	0	-	-	9.01	-	NA	-
	21-end	6.0	-	3	2	16.1	-	+10.7	29	0	129.1	111.5	+9.6	31	0	-	-	2.49	-	-	-
	Month	43.1	-	11	9	15.8	-	+ 9.0	05	0	352.8	303.2	+6.0	05	0	-	-	4.86	-	-	-
Killarney (Nuckcross Hse.) Co. Kerry	1-10	42.0	-	6	4	13.1	-	+ 8.4	09	0	86.7	70.7	+6.5	09	0	-	-	2.76	-	-	-
	11-20	0.0	-	0	0	17.6	-	+10.4	15	0	131.6	115.6	+5.6	11	0	-	-	6.34	-	-	-
	21-end	8.3	-	7	4	15.8	-	+11.3	28	0	125.6	108.0	+5.8	27	0	-	-	2.43	-	-	-
	Month	50.3	-	13	8	15.5	-	+ 8.4	09	0	343.9	294.3	+5.6	11	0	-	-	3.80	-	-	-
Cahiriveen (Valentia Obsy.) Co. Kerry	1-10	60.2	-	8	5	12.4	-	+ 8.8	09	0	79.7	63.7	+7.3	09	0	14.3	-	3.60	-	11	0
	11-20	5.2	-	3	3	16.7	-	+ 9.0	15	0	123.3	107.3	+7.7	15	0	18.7	-	6.63	-	4	0
	21-end	19.0	-	4	4	15.4	-	+11.2	27	0	121.1	103.5	+9.4	27	0	18.0	-	2.71	-	6	1
	Month	84.4	79	15	12	14.9	-0.1	+ 8.8	09	0	324.1	274.5	+7.3	09	0	17.0	-0.2	4.26	91	7	1
Tralee (Caherweesheen) Co. Kerry	1-10	36.2	-	7	5	13.8	-	+ 8.1	09	0	93.2	78.2	+3.6	09	0	-	-	3.02	-	-	-
	11-20	8.3	-	2	1	17.6	-	+ 8.9	17	0	131.7	115.7	+5.1	17	0	-	-	5.65	-	-	-
	21-end	12.1	-	5	3	16.2	-	+ 9.0	26	0	130.2	112.6	+4.7	27	0	-	-	2.65	-	-	-
	Month	56.6	-	14	9	15.9	-	+ 8.1	09	0	355.1	306.5	+3.6	09	0	-	-	3.74	-	-	-
Lullymore Co. Kildare	1-10	36.0	-	8	5	12.1	-	+ 4.0	09	0	76.9	61.4	-2.6	09	1	-	-	2.01	-	9	-
	11-20	1.6	-	1	1	16.2	-	+ 8.1	15	0	118.3	102.3	+3.0	15	0	-	-	9.02	-	7	-
	21-end	28.9	-	5	4	15.1	-	+ 5.7	27	0	122.3	104.8	+0.8	27	0	-	-	NA	-	5	-
	Month	66.5	-	14	10	14.6	-	+ 4.0	09	0	317.5	268.5	-2.6	09	1	-	-	NA	-	7	-

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

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 6.0°C	Lowest Grass Minimum	Day	No. of Days with Ground Frost					Mean Daily	Difference from Average
Kilkenny e Co. Kilkenny	1-10	28.3	-	4	2	12.3	-	+4.4	08	0	79.4	64.1	+0.5	08	0	14.6	-	2.40	-	6	0
	11-20	1.5	-	2	1	17.3	-	+7.7	11	0	128.4	112.6	+4.8	15	0	20.3	-	7.25	-	4	0
	21-end	20.2	-	5	4	15.7	-	+8.3	27	0	124.7	107.1	+4.5	27	0	19.4	-	3.63	-	4	0
	Month	50.0	70	11	7	15.1	-0.2	+4.4	08	0	332.7	283.8	+0.5	08	0	18.1	+0.1	4.40	89	4	0
Mooncoin (Silverspring) Co. Kilkenny	1-10	19.8	-	7	2	12.7	-	+4.6	09	0	83.3	68.1	-0.1	09	1	-	-	1.88	-	-	-
	11-20	10.4	-	2	1	17.0	-	+6.3	11	0	125.6	109.6	+1.5	11	0	-	-	6.16	-	-	-
	21-end	17.3	-	5	2	16.0	-	+7.1	27	0	127.5	109.9	+2.5	25	0	-	-	4.07	-	-	-
	Month	47.5	-	14	5	15.3	-	+4.6	09	0	336.4	287.6	-0.1	09	1	-	-	4.04	-	-	-
Ballinamore Co. Leitrim	1-10	41.7	-	8	6	11.7	-	+5.2	08	0	73.0	57.3	+3.5	09	0	-	-	2.52	-	6	-
	11-20	4.8	-	2	1	17.1	-	+7.5	11	0	126.8	110.8	+5.3	11	0	-	-	8.40	-	4	-
	21-end	12.2	-	5	3	15.3	-	+9.5	21	0	120.1	102.5	+4.1	25	0	-	-	3.24	-	3	-
	Month	58.7	-	15	10	14.7	-	+5.2	08	0	319.9	270.6	+3.5	09	0	-	-	4.67	-	4	-
Ardee (Boharnamoe) Co. Louth	1-10	30.6	-	7	5	11.9	-	+4.9	09	0	75.2	59.6	+3.8	09	0	-	-	-	-	-	-
	11-20	2.2	-	3	1	15.3	-	+7.3	18	0	109.9	93.9	+7.3	18	0	-	-	-	-	-	-
	21-end	20.5	-	6	5	15.2	-	+7.4	27	0	118.5	100.9	+7.2	27	0	-	-	-	-	-	-
	Month	53.3	-	16	11	14.2	-	+4.9	09	0	303.6	254.6	+3.8	09	0	-	-	-	-	-	-
Ballinrobe (Creagh) Co. Mayo	1-10	22.2	-	9	5	11.7	-	+2.8	08	0	73.2	57.6	-1.4	08	1	-	-	2.90	-	-	-
	11-20	4.4	-	3	1	16.9	-	+8.3	12	0	125.0	104.0	+5.2	11	0	-	-	8.87	-	NA	-
	21-end	6.4	-	5	3	15.1	-	+8.6	29	0	117.9	100.3	+2.3	25	0	-	-	1.48	-	-	-
	Month	33.0	-	17	9	14.6	-	+2.8	08	0	316.1	261.9	-1.4	08	1	-	-	4.17	-	-	-
Belmullet e Co. Mayo	1-10	20.6	-	6	4	11.6	-	+7.9	09	0	72.0	56.0	+5.7	09	0	14.4	-	4.29	-	13	1
	11-20	3.1	-	4	1	14.8	-	+5.3	13	0	103.7	87.7	+2.1	13	0	17.7	-	9.06	-	10	1
	21-end	27.8	-	7	5	14.3	-	+10.6	29	0	109.2	91.6	+8.2	27	0	16.9	-	3.67	-	10	0
	Month	51.5	59	17	10	13.6	-0.8	+5.3	13	0	284.9	235.3	+2.1	13	0	16.4	-0.1	5.61	117	11	2
Claremorris e Co. Mayo	1-10	24.6	-	7	6	11.8	-	+4.8	08	0	74.6	58.9	+2.4	08	0	13.7	-	2.48	-	7	0
	11-20	4.1	-	1	1	16.8	-	+8.7	11	0	123.5	107.5	+7.7	11	0	18.5	-	9.03	-	4	0
	21-end	12.4	-	5	4	15.0	-	+9.0	29	0	116.4	98.8	+7.5	29	0	17.5	-	1.54	-	4	1
	Month	41.1	42	13	11	14.6	+0.2	+4.8	08	0	314.5	265.2	+2.4	08	0	14.6	+0.2	4.26	104	5	1
Glenamoy Co. Mayo	1-10	27.9	-	7	5	11.4	-	+5.3	09	0	70.2	54.4	+2.9	09	0	-	-	3.07	-	11	-
	11-20	3.6	-	3	2	15.1	-	+3.2	13	0	107.6	92.0	+1.2	13	0	-	-	8.13	-	8	-
	21-end	11.0	-	7	3	14.3	-	+8.5	27	0	108.4	90.8	+6.5	27	0	-	-	2.13	-	7	-
	Month	42.5	-	17	10	13.6	-	+3.2	13	0	286.2	237.2	+1.2	13	0	-	-	4.37	-	8	-
Dunsany (Grange) Co. Meath	1-10	46.4	-	-	-	NA	-	NA	-	-	-	-	NA	-	-	-	-	2.07	-	-	-
	11-20	3.2	-	2	2	15.7	-	+8.0	15	0	112.7	96.7	+3.9	15	0	-	-	9.40	-	NA	-
	21-end	49.7	-	7	4	15.1	-	+7.3	27	0	118.1	100.5	+4.0	27	0	-	-	2.25	-	-	-
	Month	99.3	-	-	-	NA	-	NA	-	-	-	-	NA	-	-	-	-	4.50	-	-	-
Clones e Co. Monaghan	1-10	41.6	-	8	7	11.6	-	+6.2	09	0	72.5	56.5	+1.1	09	0	13.3	-	3.38	-	7	0
	11-20	2.1	-	1	1	16.8	-	+7.7	11	0	124.0	108.0	+5.8	11	0	18.1	-	9.56	-	4	0
	21-end	51.8	-	7	4	15.3	-	+9.0	21	0	120.4	102.8	+6.0	30	0	17.7	-	3.23	-	3	0
	Month	95.5	104	16	12	14.6	+0.2	+6.2	09	0	316.9	267.3	+1.1	09	0	16.4	-0.1	5.32	136	4	0
Birr e Co. Offaly	1-10	33.2	-	8	4	12.1	-	+6.6	09	0	77.3	61.3	+4.6	09	0	14.2	-	3.13	-	7	0
	11-20	1.3	-	1	1	17.1	-	+9.0	11	0	127.3	111.3	+6.9	15	0	20.6	-	9.60	-	4	0
	21-end	29.1	-	4	4	16.0	-	+9.5	27	0	127.2	109.6	+8.4	27	0	19.7	-	3.43	-	3	0
	Month	63.6	75	13	9	15.1	0.0	+6.6	09	0	331.8	282.2	+4.6	09	0	18.2	+0.9	5.32	117	5	0
Thurles Co. Tipperary	1-10	26.0	-	5	3	13.4	-	+6.9	09	0	90.4	74.4	-	-	-	-	-	1.82	-	-	-
	11-20	4.5	-	3	1	17.1	-	+7.6	15	0	127.3	111.3	-	-	-	-	-	6.18	-	-	-
	21-end	40.0	-	6	4	17.3	-	+8.1	29	0	142.4	124.8	-	-	-	-	-	2.79	-	-	-
	Month	70.5	86	14	8	16.0	+0.9	+6.9	09	0	360.5	310.5	-	-	-	-	-	3.57	-	-	-
Dungarvan (Ballygagin) Co. Waterford	1-10	25.7	-	6	4	13.1	-	+5.3	05	0	86.6	70.8	-0.4	05	1	-	-	NA	-	3	-
	11-20	5.7	-	4	1	16.6	-	+6.2	11	0	122.4	106.4	+0.5	11	0	-	-	7.17	-	1	-
	21-end	15.2	-	5	4	16.2	-	+8.6	27	0	129.4	111.8	+5.5	27	0	-	-	4.27	-	1	-
	Month	46.6	-	15	9	15.3	-	+5.3	05	0	338.4	289.0	-0.4	05	1	-	-	NA	-	2	-
Mullingar e Co. Westmeath	1-10	30.8	-	7	5	12.4	-	+5.1	09	0	80.2	64.6	+2.2	09	0	14.5	-	2.56	-	9	0
	11-20	2.7	-	2	1	17.3	-	+8.2	11	0	129.4	113.4	+6.7	11	0	19.5	-	9.87	-	6	0
	21-end	32.6	-	6	4	16.0	-	+9.2	25	0	127.2	109.6	+7.5	25	0	18.4	-	3.03	-	5	0
	Month	66.1	72	15	10	15.3	+0.5	+5.1	09	0	336.8	287.6	+2.2	09	0	17.5	+0.9	5.08	114	7	0
Campile (Ballysop) Co. Wexford	1-10	27.3	-	6	2	12.1	-	+4.5	05	0	76.8	61.2	-0.5	05	1	-	-	1.75	-	-	-
	11-20	17.3	-	2	1	17.1	-	+6.7	11	0	127.2	111.2	+0.9	11	0	-	-	6.42	-	NA	-
	21-end	26.7	-	5	3	15.7	-	+9.1	30	0	124.5	106.9	+4.5	27	0	-	-	3.87	-	-	-
	Month	71.3	-	13	6	15.0	-	+4.5	05	0	328.5	279.3	-0.5	05	1	-	-	4.01	-	-	-

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

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

JULY 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	34.2	-	9	3	12.0	-	+ 3.1	05	0	76.5	60.8	-2.1	05	1	-	-	2.07	-	5	-
	11-20	25.2	-	3	3	16.9	-	+ 6.6	11	0	124.9	108.9	+2.6	11	0	-	-	7.10	-	5	-
	21-end	52.3	-	5	4	15.6	-	+ 9.4	30	0	123.5	105.9	+3.5	30	0	-	-	4.23	-	2	-
	Month	111.7	-	17	10	14.9	-	+ 3.1	05	0	324.9	275.6	-2.1	05	1	-	-	4.46	-	4	-
Johnstown Castle Co. Wexford	1-10	39.2	-	6	2	12.4	-	+ 7.0	05	0	80.0	64.0	-1.5	05	2	-	-	2.74	-	8	-
	11-20	40.5	-	2	1	15.9	-	+ 8.3	11	0	114.9	98.9	+3.6	11	0	-	-	7.88	-	5	-
	21-end	25.8	-	5	3	15.4	-	+10.6	30	0	121.1	103.5	+5.2	30	0	-	-	4.31	-	5	-
	Month	105.5	132	13	6	14.6	-	+7.0	05	0	316.0	266.4	-1.5	05	2	-	-	4.95	-	6	-
Rosslare e Co. Wexford	1-10	35.1	-	6	3	12.6	-	+7.0	09	0	82.2	66.2	+4.9	05	0	14.8	-	4.30	-	10	2
	11-20	42.3	-	2	1	14.9	-	+9.7	11	0	105.3	89.3	+8.3	11	0	18.2	-	8.24	-	11	0
	21-end	11.5	-	6	3	15.5	-	+11.3	30	0	121.8	104.2	+8.1	26	0	18.7	-	5.80	-	7	1
	Month	88.9	132	14	7	14.4	-0.8	+7.0	09	0	309.3	259.7	+4.9	05	0	17.3	-1.1	6.10	95	9	3

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
		Joules/cm ²	mm	mm	mm	mm
Carlow (Oak Park) Co. Carlow	1-10	-	13	0	7	12
	11-20	-	31	30	37	0
	21-end	-	26	0	29	8
	Month	-	70	-	-	-
Kinsealy Co. Dublin	1-10	15921	26	0	53	4
	11-20	23747	51	37	90	0
	21-end	16544	36	1	91	0
	Month	55212	113	-	-	-
Cahirciveen e (Valentia Obsy.) Co. Kerry	1-10	14960	9	0	0	50
	11-20	18646	26	22	22	0
	21-end	13763	27	6	28	0
	Month	47369	62	-	-	-
Kilkenny e Co. Kilkenny	1-10	14365	-	-	-	-
	11-20	21180	-	-	-	-
	21-end	17367	-	-	-	-
	Month	52912	-	-	-	-
Ballinamore Co. Leitrim	1-10	-	13	0	0	29
	11-20	-	23	18	18	0
	21-end	NA	30	18	36	0
	Month	-	66	-	-	-
Glenamoy Co. Mayo	1-10	16477	23	0	0	5
	11-20	22697	36	32	32	0
	21-end	12875	27	15	47	0
	Month	52049	86	-	-	-
Birr e Co. Offaly	1-10	13972	-	-	-	-
	11-20	22536	-	-	-	-
	21-end	15424	-	-	-	-
	Month	51932	-	-	-	-
Johnstown Castle Co. Wexford	1-10	-	16	0	0	23
	11-20	-	40	0	0	0
	21-end	-	19	0	0	7
	Month	-	75	-	-	-

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