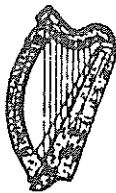


D. C. Rossland.

DEPARTMENT OF TRANSPORT AND POWER - METEOROLOGICAL SERVICE



AGROMETEOROLOGICAL BULLETIN

OCTOBER 1973

The weather during October

Anticyclonic conditions prevailed over the country during the first four days of the month with little or no rain and little wind and although drying was rather poor in the forenoons due to fog, conditions for the harvesting of late cereal crops, maize and root crops were more favourable during this period than for some weeks previously. Between the 5th and 21st, the weather was broken and although total rainfall amounts were not unduly high for the time of year, outbreaks of rain occurred in most places on most days and ground conditions became very difficult for harvesting especially on heavy soils. During the last ten days drying conditions improved and most areas had spells of at least four or five consecutive dry days.

Over the month as a whole, rainfall totals were below normal everywhere and most places had less than 70% of normal October rainfall. In some parts of south Munster and south Leinster, however, heavy rain in the period 12th - 14th brought monthly rainfall totals up to near-normal; rainfall during those three days accounted for about 70% of the monthly total in parts of south Cork and Waterford.

Mean air temperature over the month was near normal, ranging from 0.2°C above normal in parts of Munster to 0.3°C - 0.5°C below normal in the northern half of the country. During the first ten days, temperatures were well above normal everywhere but during the following week, under the influence of cool easterly or southeasterly winds temperatures dropped below normal October levels; during this cold spell, mean air temperatures were 2°C - 3°C below normal in many inland areas and air frost was recorded in parts of the Midlands on 11th, 17th and 18th. Day-time temperatures were about normal from 18th onwards but many inland places experienced air frost on the nights of the 28th and 29th.

Degree-day (over 10°C) totals for the month ranged from 30 - 35 in Ulster to about 60 near the south coast and were 10 - 20 below average for October. Over the six-month period May - October, the accumulation of degree-days above 10°C was above average everywhere; totals were generally 40 - 65 above 1958 - 1972 averages and 140 - 200 above the totals for the same period last year.

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

OCTOBER 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	°C	hr	%	Kt				
Carlow (Oak Park) Co. Carlow	1-10	25.3	-	7	3	12.5	-	+4.8	01	0	81	28	0.0	01	1	-	-	0.96	-	4	-
	11-20	28.8	-	6	5	7.7	-	0.0	17	1	36	04	-3.5	17	4	-	-	2.55	-	6	-
	21-end	3.5	-	3	2	8.6	-	-2.0	29	3	52	09	-6.0	29	3	-	-	2.50	-	4	-
	Month	57.6	-	16	10	9.5	-	-2.0	29	4	169	41	-6.0	29	8	-	-	2.02	-	5	-
Shannon Airport Co. Clare	1-10	13.4	-	5	5	13.2	-	+7.5	01	0	88	35	+4.5	07	0	13.7	-	0.97	-	7	0
	11-20	32.1	-	9	6	9.0	-	+2.1	17	0	47	6	-1.7	17	3	10.1	-	2.36	-	11	1
	21-end	5.3	-	4	1	10.3	-	+0.4	29	0	67	16	-2.1	29	1	10.6	-	3.13	-	8	0
	Month	50.8	56	18	12	10.9	+0.2	+0.4	29	0	202	57	-2.1	29	4	11.4	+0.1	2.18	76	9	1
Fermoy (Moore Park) Co. Cork	1-10	19.4	-	3	2	12.4	-	+6.3	07	0	80	28	+2.9	07	0	-	-	0.78	-	4	-
	11-20	30.3	-	6	4	8.5	-	-2.2	18	2	44	05	-5.5	18	2	-	-	2.07	-	6	-
	21-end	5.9	-	3	2	9.3	-	-1.0	29	2	57	09	-3.4	29	3	-	-	1.81	-	2	-
	Month	55.6	-	12	8	10.1	-	-2.2	18	4	181	42	-5.5	18	5	-	-	1.56	-	4	-
Mallow Co. Cork	1-10	8.6	-	6	3	12.6	-	+4.0	01	0	82	31	-2.2	01	2	-	-	0.71	-	-	-
	11-20	22.2	-	7	3	8.7	-	-1.4	17	1	45	07	-5.7	17	3	-	-	2.01	-	-	-
	21-end	7.1	-	5	1	9.7	-	-0.7	29	1	62	15	-4.0	29	2	-	-	1.70	-	-	-
	Month	37.9	39	18	7	10.3	-	-1.4	17	2	189	53	-5.7	17	7	-	-	1.48	-	-	-
Roche's Point Co. Cork	1-10	13.1	-	2	2	13.2	-	+7.6	01	0	88	33	+3.9	01	0	13.1	-	1.02	-	10	0
	11-20	41.2	-	4	4	9.9	-	+3.4	18	0	51	10	+1.3	17	0	10.4	-	2.60	-	15	6
	21-end	2.5	-	3	1	11.2	-	+5.1	29	0	75	18	+1.5	29	0	11.2	-	3.14	-	9	0
	Month	56.8	65	9	7	11.5	+0.1	+3.4	18	0	214	61	+1.3	17	0	11.5	-0.3	2.28	71	12	6
Glencolumbkille Co. Donegal	1-10	27.2	-	7	4	12.0	-	+7.0	10	0	76	23				-	-	2.04	-	5	-
	11-20	29.1	-	7	6	7.9	-	+1.4	11	0	37	03				-	-	3.14	-	10	-
	21-end	21.2	-	7	4	10.4	-	+4.3	30	0	67	13	NA	NA		-	-	3.08	-	9	-
	Month	77.5	-	21	14	10.1	-	+1.4	11	0	180	39				-	-	2.76	-	8	-
Glenties Co. Donegal	1-10	41.8	-	6	5	11.4	-	+3.7	08	0	70	21	-1.5	08	1	-	-	2.18	-	-	-
	11-20	40.4	-	7	5	6.7	-	-2.4	16	3	30	03	-7.0	16	6	-	-	3.23	-	-	-
	21-end	14.8	-	8	5	9.1	-	-0.5	30	1	56	11	-4.7	30	5	-	-	3.05	-	-	-
	Month	97.0	64	21	15	9.1	-	-2.4	16	4	156	35	-7.0	16	12	-	-	2.83	-	-	-

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

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

OCTOBER 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					
Malin Head Co. Donegal	1-10	16.3	-	6	4	11.9	-	+7.6	10	0	75	20	+7.3	08	0	12.4	-	1.57	-	11	3
	11-20	34.4	-	6	5	8.4	-	+3.6	17	0	41	03	+2.7	12	0	8.1	-	3.62	-	19	5
	21-end	15.1	-	7	4	10.1	-	+3.7	30	0	63	11	+2.9	30	0	9.1	-	3.19	-	14	3
	Month	65.8	65	19	13	10.2	-0.3	+3.6	17	0	179	34	+2.7	12	0	9.8	-	2.81	121	15	11
Dublin Airport Co. Dublin	1-10	35.2	-	6	6	12.5	-	+6.4	01	0	81	26	+3.1	01	0	13.0	-	0.47	-	7	0
	11-20	21.5	-	7	5	8.1	-	+0.2	17	0	40	03	-1.3	17	1	8.6	-	3.28	-	12	2
	21-end	1.6	-	3	0	9.7	-	+2.3	29	0	60	12	-2.5	30	1	9.1	-	4.32	-	6	0
	Month	58.3	84	16	11	10.1	-0.2	+0.2	17	0	181	41	-2.5	30	2	10.2	-0.3	2.74	84	8	2
Kinsealy Co. Dublin	1-10	30.4	-	7	5	12.4	-	+5.9	01	0	80	26	+2.1	01	0	-	-	0.62	-	5	-
	11-20	19.4	-	7	5	8.5	-	+0.4	17	0	43	04	-1.2	17	2	-	-	3.37	-	9	-
	21-end	2.3	-	5	0	9.6	-	+0.2	30	0	59	12	-4.2	30	2	-	-	4.16	-	4	-
	Month	52.1	-	19	10	10.1	-	+0.2	30	0	182	42	-4.2	30	4	-	-	2.76	-	6	-
Galway (Univ. Coll.) Co. Galway	1-10	42.9	-	7	5	12.8	-	+7.6	07	0	84	30				-	-	0.61	-		
	11-20	38.9	-	8	5	8.5	-	+3.4	17	0	42	04				-	-	2.37	-	NA	
	21-end	8.4	-	4	3	9.9	-	+1.4	29	0	62	13	NA	NA		-	-	3.10	-		
	Month	90.2	-	19	13	10.4	-	+1.4	29	0	188	47				-	-	2.06	-		
Killarney (Muckross Hse) Co. Kerry	1-10	10.1	-	7	2	13.6	-	+5.4	07	0	86	32	+2.0	01	0	-	-	1.51	-	-	-
	11-20	33.0	-	9	6	9.2	-	+1.0	17	0	49	07	-4.0	17	3	-	-	2.32	-	-	-
	21-end	8.7	-	5	3	10.8	-	+1.2	29	0	71	18	-3.0	29	3	-	-	3.28	-	-	-
	Month	51.8	-	21	11	11.0	-	+1.0	17	0	206	57	-4.0	17	6	-	-	2.40	-	-	-
Cahirciveen (Valentia Obsy.) Co. Kerry	1-10	5.4	-	4	4	13.2	-	+6.6	05	0	86	34	+4.7	05	0	13.6	-	2.58	-	6	1
	11-20	44.1	-	9	7	10.2	-	+2.5	18	0	59	13	+0.2	18	0	10.9	-	2.07	-	12	5
	21-end	11.7	-	6	1	11.5	-	+1.3	29	0	80	24	-1.0	29	1	11.3	-	4.50	-	9	2
	Month	61.2	47	19	12	11.7	+0.1	+1.3	29	0	225	71	-1.0	29	1	11.9	+0.2	3.10	110	9	8
Tralee (Caherweesheen) Co. Kerry	1-10	10.5	-	6	3	13.0	-	+5.2	05	0	86	34	-0.1	05	1	-	-	1.03	-	-	-
	11-20	25.6	-	9	7	9.4	-	-0.5	17	1	53	10	-5.4	17	3	-	-	1.91	-	-	-
	21-end	7.9	-	4	2	10.8	-	-0.7	29	1	72	20	-5.9	29	2	-	-	3.87	-	-	-
	Month	44.0	-	19	12	11.1	-	-0.7	29	2	211	64	-5.9	29	6	-	-	2.32	-	-	-

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

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

OCTOBER 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 4.0°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				
Lullymore Co. Kildare	1-10	23.4	-	7	4	12.2	-	+4.3	01	0	80	25	NA	NA	-	-	0.51	-	8	-	
	11-20	18.0	-	8	7	6.5	-	-1.8	18	2	27	02	-6.1	18	5	-	-	3.17	-	10	-
	21-end	4.2	-	4	2	8.1	-	-2.2	29	2	47	08	-8.4	29	6	-	-	3.27	-	6	-
	Month	45.6	-	19	13	8.9	-	-2.2	29	4	154	35	-8.4	29	NA	-	-	2.35	-	8	-
Kilkenny e Co. Kilkenny	1-10	13.9	-	5	4	13.0	-	+4.5	01	0	86	32	+0.8	01	0	12.8	-	0.67	-	5	0
	11-20	25.7	-	7	5	8.0	-	-1.0	18	2	39	4	-3.3	18	2	8.7	-	2.67	-	6	0
	21-end	4.0	-	6	2	8.5	-	-2.7	30	3	50	10	-4.7	29	3	8.8	-	2.78	-	3	0
	Month	43.6	55	18	11	9.8	-0.1	-2.7	30	5	175	46	-4.7	29	5	10.0	-0.5	2.06	70	4	0
Mooncoin (Silverspring) Co. Kilkenny	1-10	24.5	-	4	1	13.2	-	+4.6	01	0	88	34	-1.2	01	1	-	-	1.23	-	-	-
	11-20	37.4	-	8	5	8.7	-	+0.5	17	0	45	06	-6.0	18	2	-	-	2.32	-	-	-
	21-end	1.6	-	4	0	8.4	-	-2.0	30	3	49	10	-7.0	29	7	-	-	3.21	-	-	-
	Month	63.5	-	16	6	10.0	-	-2.0	30	3	182	50	-7.0	29	10	-	-	2.28	-	-	-
Ballinamore Co. Leitrim	1-10	42.6	-	6	5	11.7	-	+6.3	08	0	73	21	+2.2	08	0	-	-	NA	-	4	-
	11-20	28.2	-	9	5	6.8	-	+0.1	17	0	29	02	-3.7	17	4	-	-	2.95	-	7	-
	21-end	6.8	-	4	1	8.2	-	-1.9	30	2	47	08	-3.6	30	4	-	-	2.77	-	4	-
	Month	77.6	-	19	11	8.9	-	-1.9	30	2	149	31	-3.7	17	8	-	-	NA	-	5	-
Ardee (Boharnamoe) Co. Louth	1-10	30.7	-	8	5	12.2	-	+3.7	01	0	61	27	-1.0	01	1	-	-	-	-	-	-
	11-20	20.9	-	6	5	7.1	-	-1.9	16	4	38	03	-5.2	17	4	-	-	-	-	-	-
	21-end	4.9	-	7	3	8.0	-	-3.4	30	3	46	09	-6.4	30	7	-	-	-	-	-	-
	Month	56.5	-	21	13	9.1	-	-3.4	30	7	145	39	-6.4	30	12	-	-	-	-	-	-
Ballinrobe (Creagh) Co. Mayo	1-10	24.3	-	5	5	11.7	-	+3.3	08	0	74	22	+0.8	07	0	-	-	1.31	-	3	-
	11-20	28.5	-	8	6	7.5	-	+0.8	11	0	35	04	-4.1	17	4	-	-	2.77	-	6	-
	21-end	9.8	-	5	4	9.2	-	-2.2	30	2	57	13	-5.1	30	6	-	-	2.95	-	2	-
	Month	62.6	-	18	15	9.5	-	-2.2	30	2	166	39	-5.1	30	10	-	-	2.36	-	4	-
Belmullet e Co. Mayo	1-10	34.4	-	7	4	11.8	-	+5.8	10	0	74	22	+4.5	07	0	12.8	-	2.08	-	8	0
	11-20	21.0	-	8	5	8.7	-	+3.2	11	0	44	04	+1.6	11	0	9.3	-	3.22	-	14	3
	21-end	13.0	-	4	3	10.3	-	+1.0	30	0	66	15	-1.4	30	1	10.3	-	3.04	-	11	0
	Month	68.4	57	19	12	10.3	-0.5	+1.0	30	0	184	41	-1.4	30	1	10.8	-0.3	2.79	98	11	3

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TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

OCTOBER 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				
Claremorris Co. Mayo	1-10	27.4	-	6	5	11.9	-	+4.6	07	0	75	24	+3.4	07	0	12.3	-	1.07	-	5	0
	11-20	28.7	-	8	6	7.5	-	+1.2	17	0	35	04	-3.2	18	4	7.8	-	2.76	-	11	2
	21-end	7.3	-	3	3	8.8	-	-1.1	30	2	52	10	-3.9	30	3	8.6	-	3.06	-	6	0
	Month	63.4	57	17	14	9.4	-0.3	-1.1	30	2	162	38	-3.9	30	7	9.5	-0.7	2.32	91	7	2
Glenamoy Co. Mayo	1-10	41.6	-	6	5	11.5	-	+3.9	07	0	72	21	+2.4	07	0	-	-	1.63	-	5	-
	11-20	26.5	-	8	6	8.0	-	+0.8	11	0	38	03	-2.5	11	2	-	-	3.19	-	10	-
	21-end	14.1	-	6	4	9.6	-	-0.9	30	1	61	14	-3.1	30	2	-	-	3.31	-	10	-
	Month	82.2	-	20	15	9.7	-	-0.9	30	1	171	38	-3.1	30	4	-	-	2.73	-	9	-
Dunsany (Grange) Co. Meath	1-10	31.5	-	7	4	11.8	-	+4.5	01	0	74	23	-1.0	01	1	-	-	0.72	-	-	-
	11-20	22.8	-	7	6	7.1	-	-2.5	17	1	32	03	-8.5	17	4	-	-	3.62	-	NA	-
	21-end	5.5	-	5	2	8.8	-	-1.5	30	1	52	08	-5.0	30	6	-	-	3.95	-	-	-
	Month	59.8	-	19	12	9.7	-	-2.5	17	2	158	34	-8.5	17	11	-	-	2.80	-	-	-
Clones Co. Monaghan	1-10	34.8	-	8	7	11.6	-	+4.5	10	0	72	21	+3.6	01	0	12.1	-	1.03	-	5	0
	11-20	21.4	-	6	6	6.8	-	0.0	11	1	28	02	-2.9	11	4	7.5	-	3.24	-	9	2
	21-end	5.2	-	4	1	8.8	-	-0.4	29	1	51	07	-2.9	29	2	8.6	-	3.59	-	7	0
	Month	61.4	69	18	14	9.0	-0.4	-0.4	29	2	151	30	-2.9	29	6	9.4	-0.7	2.65	108	7	2
Birr Co. Offaly	1-10	21.9	-	7	4	12.5	-	+5.2	01	0	81	27	+1.5	01	0	13.0	-	0.59	-	4	0
	11-20	39.4	-	8	7	7.4	-	-1.8	17	1	35	03	-4.7	17	3	8.7	-	2.91	-	7	1
	21-end	3.0	-	3	2	9.0	-	-1.4	29	2	55	11	-3.9	29	3	9.4	-	3.55	-	4	0
	Month	64.3	77	18	13	9.7	-0.2	-1.8	17	3	171	41	-4.7	17	6	10.3	-0.2	2.39	81	5	1
Thurles Co. Tipperary	1-10	22.6	-	6	3		-									-	-	0.72	-	-	-
	11-20	27.0	-	8	6		-									-	-	2.10	-	-	-
	21-end	4.1	-	3	2	NA	-	NA			NA		NA			-	-	2.57	-	-	-
	Month	53.7	61	17	11		-									-	-	1.82	-	-	-
Dungarvan (Ballygagin) Co. Waterford	1-10		-				-									-	-		-		-
	11-20		-				-									-	-		-		-
	21-end	NA	-			NA	-	NA			NA		NA			-	-	NA	-		-
	Month		-				-									-	-		-		-

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

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

OCTOBER, 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 4.0°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			
Mullingar Co. Westmeath	1-10	25.8	-	6	4	12.3	-	+4.6	01	0	79	26	+1.8	01	0	12.9	-	0.56	-	6	0
	11-20	20.1	-	7	4	7.2	-	-0.7	17	1	32	02	-3.5	17	3	7.9	-	3.66	-	9	2
	21-end	5.6	-	6	3	8.6	-	-0.4	29	2	50	08	-3.3	29	4	8.7	-	3.17	-	4	0
	Month	51.5	56	19	11	9.3	-0.3	-0.7	17	3	161	36	-3.5	17	7	9.8	-0.4	2.49	89	6	2
Campile (Ballysop) Co. Wexford	1-10	34.0	-	4	4	13.0	-	+4.6	01	0	86	32	-1.5	01	1	-	-	1.08	-		-
	11-20	41.0	-	7	4	8.2	-	-0.6	17	1	40	04	-2.6	17	3	-	-	2.38	-		-
	21-end	3.8	-	3	1	8.2	-	+0.2	31	0	46	07	-9.9	29	5	-	-	2.65	-	NA	-
	Month	78.8	-	14	9	9.7	-	-0.6	17	1	172	43	-9.9	29	9	-	-	2.06	-		-
Clonroche Co. Wexford	1-10	22.2	-	5	3	12.7	-	+5.5	01	0	83	29	-2.6	01	3	-	-	1.26	-	4	-
	11-20	33.6	-	6	5	7.8	-	+0.3	17	0	36	03	-7.5	17	5	-	-	2.26	-	7	-
	21-end	4.4	-	5	1	7.8	-	+1.5	30	0	44	07	-5.3	21	8	-	-	3.12	-	2	-
	Month	60.2	-	16	9	9.5	-	+0.3	17	0	163	39	-7.5	17	16	-	-	2.24	-	4	-
Johnstown Castle Co. Wexford	1-10	24.6	-	5	5	13.1	-	+6.1	01	0	87	32	0.0	01	1	-	-	1.38	-	6	-
	11-20	40.2	-	8	6	8.7	-	+1.4	17	0	44	05	-2.5	17	2	-	-	2.40	-	8	-
	21-end	1.7	-	4	0	9.4	-	+3.3	30	0	56	09	-2.0	23	5	-	-	3.36	-	5	-
	Month	66.5	66	17	11	10.3	-	+1.4	17	0	187	46	-2.5	17	8	-	-	2.41	-	6	-
Rosslare Co. Wexford	1-10	19.9	-	5	4	13.5	-	+7.9	01	0	92	36	+5.2	01	0	13.6	-	1.54	-	12	2
	11-20	36.1	-	8	6	9.5	-	+1.9	18	0	47	11	-0.1	17	1	9.6	-	2.63	-	15	6
	21-end	0.1	-	0	0	10.7	-	+5.6	23	0	70	14	-1.3	30	1	10.1	-	3.91	-	8	0
	Month	56.1	65	13	10	11.3	0.0	+1.9	18	0	209	61	-1.3	30	2	11.1	-0.5	2.73	72	12	8

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TABLE 2.

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

OCTOBER, 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	-	7	0	0	18
	11-20	-	7	0	0	22
	21-end	-	6	3	3	0
	Month	-	20	-	-	-
Kinsealy Co. Dublin	1-10	5128	17	0	15	13
	11-20	5690	8	0	4	11
	21-end	6354	9	7	11	0
	Month	17172	34	-	-	-
Cahirciveen e (Valentia Obsy.) Co. Kerry	1-10	7051	4	0	0	0
	11-20	4886	8	0	0	37
	21-end	7128	6	0	0	5
	Month	19065	18	-	-	-
Kilkenny e Co. Kilkenny	1-10	5759	-	-	-	-
	11-20	5847	-	-	-	-
	21-end	6446	-	-	-	-
	Month	18052	-	-	-	-
Ballinamore Co. Leitrim	1-10	5738	8	0	0	35
	11-20	5966	9	0	0	19
	21-end	5486	9	2	2	0
	Month	17190	26	-	-	-
Glenamoy Co. Mayo	1-10	5696	6	0	0	36
	11-20	5935	17	0	0	9
	21-end	6096	1	0	0	13
	Month	17727	24	-	-	-
Birr e Co. Offaly	1-10	4748	-	-	-	-
	11-20	5298	-	-	-	-
	21-end	6578	-	-	-	-
	Month	16624	-	-	-	-
Johnstown Castle Co. Wexford	1-10	-	11	0	0	13
	11-20	-	3	0	0	37
	21-end	-	5	3	3	0
	Month	-	19	-	-	-

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