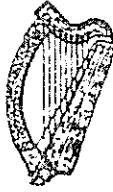


METEOROLOGICAL SERVICE



AGROMETEOROLOGICAL BULLETIN

OCTOBER 1980

The Weather of October

From the 1st to the 6th the weather was changeable and temperatures were about normal in the period. There were showers on the 1st and it was mainly dry on the 2nd and 4th. Widespread rain on the 3rd and 6th was especially heavy in southern and western counties.

A cold northwesterly airflow set in on the 7th, which was strong and gusty. There were squally showers on the 7th and 8th, some thundery and of hail. A depression south of Ireland gave an easterly airflow over the country on the 10th. Maxima temperatures were well below normal on the day and there was heavy rain in all but northern areas. A strong northwesterly airflow set in on the 11th, slackened for a spell, and later became northeasterly, strong and gusty at times. Frost occurred on some nights and showers were mainly confined to eastern and northern counties.

The weather from the 18th to the 28th was changeable. Wet spells occurred in a southeasterly airflow in the period from the 20th to the 22nd and in a southwesterly airflow on the 25th and 26th. It was dry in most places from the 29th although a strong southerly airflow developed on the 30th and rain reached western areas later on the 31st.

Monthly Amounts of Precipitation varied from much above normal in the south, southeast and east to near normal in parts of the west, ranging from 194% of normal at Kinsealy, Co. Dublin to 106% of normal at Claremorris. Amounts exceeded 150% of normal in most places east of a line from Ardee to Roches Point. Daily amounts exceeded 10 mm at most stations on the 3rd, 6th, 20th and 22nd, and exceeded 20 mm in many western and midland stations on the 6th and 22nd. In general the first decade (ten day interval) was wettest in western and northern areas and the last decade was wettest in eastern and southern regions.

Mean Monthly Air Temperature varied from 0.6°C below normal at Clones to 1.3°C below normal at most stations in the south and southeast. Soil temperatures (100 mm) ranged from 1.1°C below normal at several stations in the west and north to 1.8°C below normal at Shannon Airport. The second decade was coldest; there was frequent ground frost and soil temperatures were between 2.0°C and 3.0°C below normal in the decade.

Mean Duration of Bright Sunshine was about normal in most places for the first month since May. It varied from 132% of normal at Galway to 86% of normal at Casement Aerodrome. The last decade was duller in all places.

Gale Gusts were frequent throughout the month, being most widespread on the 6th to 8th, 11th, 16th, 22nd and 28th.

Summary. In many places in the east and south it was the wettest month of 1980. It was cold for much of the month. Sunshine returned to normal for the first time since May.

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

October, 1980

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C														BRIGHT SUNSHINE		WIND	
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAYS	AIR						GROUND				SOIL(10 CM)				MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (ms ⁻¹)	DAYS WITH GALE GUSTS
						MEAN MAX.	MEAN MIN.	MEAN DAILY	AND DIFFERENCE FROM AVERAGE	LOWEST MIN.	DATE	DAYS WITH AIR FROST DEGREE DAYS ABOVE +.4°C	DEGREE DAYS ABOVE 10.0°C	LOWEST "GRASS-MIN."	DATE	DAYS WITH GROUND FROST	MEAN DAILY	DIFFERENCE FROM AVERAGE					
Carlow (Oak Park) Co. Carlow	1-10	36.7	/	8	6	12.8	4.9	8.9	/	1.8	10	0	45	4	-2.0	10	3	/	/	3.70	/	4	/
	11-20	17.9	/	7	5	11.2	3.1	7.2	/	-0.5	12	1	28	0	-3.5	12	4	/	/	2.87	/	3	/
	21-end	53.3	/	8	6	12.5	7.0	9.8	/	2.2	25	0	63	8	-1.0	30	1	/	/	1.69	/	3	/
	Month	107.9	/	23	17	12.2	5.1	8.7	/	-0.5	12	1	136	12	-3.5	12	8	/	/	2.72	/	3	/
Shannon Airport Co. Clare	1-10	64.1	-	9	8	13.4	7.5	10.4	-	5.1	08	0	60	12	-1.0	04	3	10.6	-	2.83	-	6	2
	11-20	16.5	-	6	6	11.4	5.2	8.3	-	1.6	18	0	39	2	-3.8	18	2	8.2	-	4.60	-	5	0
	21-end	45.1	-	9	8	12.9	8.7	10.8	-	5.4	30	0	76	12	0.6	25	0	10.1	-	1.45	-	6	0
	Month	125.7	146	24	22	12.6	7.2	9.9	-0.8	1.6	18	0	175	26	-3.8	18	5	9.6	-1.8	2.91	101	6	2
Fermoy (Moore Park) Co. Cork	1-10	60.2	-	8	8	12.9	4.9	8.9	/	2.0	02	0	45	6	-0.8	02	3	/	/	2.61	/	4	/
	11-20	29.9	-	7	7	NA	3.7	-	/	0.5	12	0	-	-	-4.2	18	4	/	/	3.85	/	3	/
	21-end	55.5	-	7	6	13.1	7.5	10.3	/	0.9	25	0	69	11	0.6	23	0	/	/	1.86	/	3	/
	Month	145.6	164	22	21	NA	5.4	-	/	0.5	12	0	-	-	-4.2	18	7	/	/	2.75	/	3	/
Mallow Co. Cork	1-10	70.9	-	8	8	12.8	NA	-	/	NA	-	-	-	NA	-	-	/	/	2.42	/	/	/	
	11-20	28.0	-	6	4	11.6	3.3	7.5	/	-2.3	18	2	31	1	-2.7	18	2	/	/	3.41	/	/	/
	21-end	51.0	-	5	5	13.5	7.1	10.3	/	2.5	30	0	70	12	NA	-	/	/	2.08	/	/	/	
	Month	149.9	150	19	17	12.7	-	-	/	-	-	-	-	-	-	-	-	/	/	2.62	/	/	/
Roche's Point Co. Cork	1-10	36.7	-	8	5	12.8	7.5	10.2	-	5.2	09	0	58	11	0.4	10	0	11.4	-	3.18	-	7	4
	11-20	19.0	-	5	5	11.4	6.4	8.9	-	3.8	18	0	46	3	0.6	12	0	9.3	-	4.83	-	7	3
	21-end	73.2	-	9	6	13.0	9.2	11.1	-	6.1	25	0	80	13	2.4	25	0	10.9	-	2.61	-	7	5
	Month	128.9	146	22	16	12.4	7.8	10.1	-1.3	3.8	18	0	184	27	0.4	10	0	10.5	-1.2	3.51	110	7	12
Glencolumbkille Co. Donegal	1-10	76.8	/	9	9	12.5	8.2	10.4	/	4.9	10	0	60	10	-1.4	10	1	/	/	1.69	/	6	/
	11-20	62.5	/	9	8	11.0	5.4	8.2	/	4.0	16	0	38	0	-1.5	18	4	/	/	3.30	/	4	/
	21-end	60.0	/	8	8	12.3	8.9	10.6	/	7.5	30	0	73	8	2.0	30	0	/	/	0.85	/	5	/
	Month	199.3	/	26	25	11.9	7.5	9.7	/	4.0	16	0	171	18	-1.5	18	5	/	/	1.91	/	5	/
Glenties Co. Donegal	1-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21-end	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Month	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes on the tables in January issue

TABLE 1 (Continued)

October, 1980

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C													BRIGHT SUNSHINE		WIND		
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAYS	AIR						GROUND		SOIL (10 CM)		MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (MS ⁻¹)	DAYS WITH GALE GUSTS				
						MEAN MAX.	MEAN MIN.	MEAN DAILY	AND DIFFERENCE FROM AVERAGE	LOWEST MIN.	DATE	DAYS WITH AIR FROST	DEGREE DAYS ABOVE 4.0C	DEGREE DAYS ABOVE 10.0C	LOWEST °GRASS-MIN. #					DATE	DAYS WITH GROUND FROST	MEAN DAILY	DIFFERENCE FROM AVERAGE
Malin Head e Co. Donegal	1-10	63.7	-	8	7	12.5	8.1	10.3	-	3.0	10	0	59	11	1.0	10	0	10.0	-	2.00	-	11	9
	11-20	39.4	-	8	7	10.7	5.1	7.9	-	0.6	18	0	35	0	-0.6	20	1	8.3	-	3.30	-	9	6
	21-end	44.4	-	7	6	12.1	8.9	10.5	-	5.1	30	0	72	8	2.8	30	0	9.5	-	0.97	-	8	8
	Month	147.5	134	23	20	11.8	7.4	9.6	-0.9	0.6	18	0	166	19	-0.6	20	1	9.3	-1.1	2.05	88	9	23
Casement Aerodrome Co. Dublin	1-10	40.3	-	8	5	12.7	5.2	9.0	-	1.7	10	0	46	5	-2.5	10	1	9.5	-	4.01	-	8	5
	11-20	25.8	-	7	7	10.7	3.7	7.2	-	0.0	18	0	28	0	-3.1	18	5	7.3	-	2.79	-	5	0
	21-end	36.0	-	7	5	12.9	7.1	10.0	-	2.5	20	0	66	11	-2.3	30	1	9.2	-	1.66	-	7	3
	Month	102.1	157	22	17	12.2	5.4	8.8	-1.2	0.0	18	0	140	16	-3.1	18	7	8.7	-	2.78	86	7	8
Dublin Airport e Co. Dublin	1-10	42.4	-	8	4	12.7	5.6	9.2	-	2.9	10	0	47	7	-1.1	10	2	10.1	-	3.99	-	6	3
	11-20	26.0	-	8	5	11.1	4.9	8.0	-	1.3	18	0	36	0	-4.2	18	4	8.3	-	3.92	-	6	1
	21-end	45.3	-	7	7	12.6	7.8	10.2	-	4.4	24	0	69	10	-1.5	30	1	9.5	-	2.28	-	5	2
	Month	113.7	183	23	16	12.2	6.2	9.2	-1.1	1.5	18	0	152	17	-4.2	18	7	9.3	-1.4	3.36	103	6	6
Kinsealy Co. Dublin	1-10	38.6	-	6	5	13.2	5.0	9.1	/	2.4	10	0	47	5	-1.5	03	2	/	/	4.09	/	4	/
	11-20	20.9	-	7	5	11.2	4.0	7.6	/	0.7	18	0	32	0	-1.6	14	4	/	/	3.93	/	4	/
	21-end	55.2	-	7	6	NOT AVAILABLE				NA	-	-	-	-	NA	-	-	/	/	2.34	/	3	/
	Month	114.7	194	20	16	-	-	-	-	-	-	-	-	-	-	-	-	-	/	/	3.42	/	4
Galway Co. Galway	1-10	73.3	-	9	7	13.0	6.8	9.9	-	4.2	09	0	55	9	1.4	10	0	10.3	-	3.57	-	6	3
	11-20	32.7	-	8	5	11.4	4.8	8.1	-	1.4	18	0	37	1	-2.5	18	2	8.1	-	5.20	-	4	1
	21-end	58.3	-	9	7	12.6	8.2	10.4	-	5.3	29	0	70	9	0.3	29	0	9.8	-	2.41	-	5	2
	Month	164.3	143	26	19	12.3	6.6	9.5	-1.2	1.4	18	0	162	19	-2.5	18	2	9.4	-	3.68	132	5	6
Killarney (Muckross Hse) Co. Kerry	1-10	101.9	/	8	8	12.8	6.8	9.8	/	4.6	02	0	54	7	0.9	09	0	/	/	2.17	/	/	/
	11-20	16.1	/	8	6	11.5	4.1	7.8	/	0.5	12	0	34	2	-2.9	12	4	/	/	2.31	/	/	/
	21-end	74.0	/	10	9	13.4	9.3	11.4	/	5.0	30	0	80	16	1.0	25	0	/	/	1.56	/	/	/
	Month	192.0	/	26	23	12.6	6.8	9.7	/	0.5	12	0	168	25	-2.9	12	4	/	/	2.00	/	/	/
Cahirciveen e (Valentia Obsy.) Co. Kerry	1-10	67.7	-	9	8	13.5	7.8	10.7	-	5.3	08	0	64	10	2.5	02	0	11.5	-	2.74	-	7	7
	11-20	42.1	-	9	8	12.1	6.2	9.2	-	0.8	12	0	48	4	-1.3	12	1	9.4	-	4.00	-	7	5
	21-end	69.6	-	9	8	13.2	9.3	11.3	-	5.4	25	0	80	17	4.0	25	0	11.1	-	2.15	-	7	5
	Month	179.4	126	27	24	13.0	7.8	10.4	-1.2	0.8	12	0	192	31	-1.3	12	1	10.7	-1.1	2.94	104	7	17

Notes on the tables in January issue

TABLE 1 (Continued)

October, 1980

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C														BRIGHT SUNSHINE		WIND							
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAYS	AIR							GROUND			SOIL (10 CM)				MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (ms ⁻¹)	DAYS WITH GALE GUSTS						
						MEAN MAX.	MEAN MIN.	MEAN DAILY	AVE. DIFFERENCE FROM AVERAGE	LOWEST MIN.	DATE	DAYS WITH AIR FROST	DEGREE DAYS ABOVE 4.4°C	DEGREE DAYS ABOVE 10.0°C	LOWEST "GRASS-MIN."	DATE	DAYS WITH GROUND FROST	MEAN DAILY	DIFFERENCE FROM AVERAGE										
Tralee Lisdara Co. Kerry	1-10	/	/	/	/																								
	11-20	/	/	/	/																								
	21-end	/	/	/	/																								
	Month	/	/	/	/																								
Lullymore Co. Kildare	1-10	38.3	-	8	6	12.4	4.3	8.4	/	0.8	10	0	40	4	-2.4	10	5	/	/	3.67	-	4	2						
	11-20	15.2	-	6	4	10.8	2.2	6.5	/	-0.5	12	2	21	0	-4.5	18	7	/	/	3.57	-	4	2						
	21-end	58.1	-	8	5	12.3	6.2	9.3	/	1.2	24	0	49	6	-1.5	25	3	/	/	1.72	-	4	1						
	Month	111.6	143	22	15	11.9	4.3	8.1	/	-0.5	12	2	110	10	-4.5	18	15	/	/	2.95	-	4	5						
Kilkenny Co. Kilkenny	1-10	41.4	-	6	5	12.9	4.2	8.6	-	0.7	02	0	42	4	-2.0	10	4	9.7	-	3.63	-	4	2						
	11-20	28.4	-	7	5	11.4	3.2	7.3	-	-0.3	12	1	29	1	-4.9	12	4	7.5	-	3.62	-	4	2						
	21-end	75.7	-	10	6	12.0	6.4	9.2	-	1.3	25	0	58	11	-1.7	25	4	9.4	-	1.44	-	4	1						
	Month	145.5	173	23	16	12.4	4.7	8.6	-1.3	-0.3	12	1	129	16	-4.9	12	12	8.9	-1.7	2.85	97	4	5						
Mooncoin (Silverspring) Co. Kilkenny	1-10	36.0	/	7	6	12.9	4.6	8.8	/	1.5	10	0	44	3	-2.5	10	5	/	/	3.21	-	4	2						
	11-20	11.9	/	6	5	11.7	3.3	7.5	/	1.4	14	0	31	0	-2.5	12	5	/	/	3.61	-	4	2						
	21-end	45.2	/	11	6	13.3	7.3	10.3	/	0.5	25	0	69	15	-3.4	25	4	/	/	1.85	-	4	1						
	Month	93.1	/	24	17	12.7	5.1	8.9	/	0.5	25	0	144	18	-3.4	25	14	/	/	2.86	-	4	5						
Ballinamore Co. Leitrim	1-10	52.4	-	9	7	12.4	5.0	8.7	/	0.8	10	0	43	4	-0.6	10	1	/	/	2.29	-	3	2						
	11-20	29.7	-	9	4	11.1	3.3	7.2	/	0.5	18	0	28	0	-2.0	18	4	/	/	4.14	-	3	2						
	21-end	55.3	-	7	5	13.0	6.7	9.9	/	2.9	24	0	65	6	0.4	24	0	/	/	1.69	-	3	1						
	Month	137.4	130	25	16	12.2	5.0	8.6	/	0.5	18	0	136	10	-2.0	18	5	/	/	2.67	-	3	3						
Ardee (Boharnamoe) Co. Louth	1-10	33.7	/	9	7	13.3	4.6	9.0	/	-0.1	10	1	46	5	-2.7	10	4	/	/	/	-	4	2						
	11-20	20.2	/	6	5	11.1	3.0	7.1	/	-1.0	18	1	28	0	-3.9	16	7	/	/	/	-	4	2						
	21-end	49.8	/	6	4	13.0	6.9	10.0	/	0.7	30	0	66	9	-3.9	30	4	/	/	/	-	4	1						
	Month	103.7	/	21	16	12.5	4.9	8.7	/	-1.0	18	2	140	14	-3.9	16	15	/	/	/	-	4	5						
Ballinrobe (Creagh) Co. Mayo	1-10	69.9	-	9	9	NA	4.8	-	/	3.7	10	0	-	-	-1.6	10	2	/	/	2.69	-	4	2						
	11-20	21.4	-	10	8	12.1	2.7	7.4	/	0.1	12	0	30	0	-3.8	12	7	/	/	4.60	-	3	2						
	21-end	45.9	-	9	7	13.8	8.3	9.6	/	2.5	25	0	52	2	-1.2	30	1	/	/	2.34	-	4	1						
	Month	137.2	106	28	24	-	4.3	-	/	0.1	12	0	-	-	-3.8	12	10	/	/	3.18	-	4	5						

Notes on the tables in January issue

TABLE 1 (Continued)

October, 1980

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C													BRIGHT SUNSHINE		WIND		
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAYS	AIR							GROUND		SOIL(10 CM)		MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (ms ⁻¹)	DAYS WITH GALE GUSTS			
						MEAN MAX.	MEAN MIN.	MEAN DAILY	AND DIFFERENCE FROM AVERAGE	LOWEST MIN.	DATE	DAYS WITH AIR FROST	DEGREE DAYS ABOVE 4.4°C	DEGREE DAYS ABOVE 10.0°C	LOWEST "GRASS-MIN."	DATE					DAYS WITH GROUND FROST	MEAN DAILY	DIFFERENCE FROM AVERAGE
Belmullet e Co. Mayo	1-10	62.5	-	9	9	13.0	7.6	10.3	-	5.2	07	0	59	10	2.8	10	0	11.0	-	3.15	-	9	6
	11-20	41.0	-	8	6	11.3	5.5	8.4	-	2.8	12	0	40	0	-1.8	12	2	9.0	-	3.51	-	7	4
	21-end	34.3	-	10	8	12.4	9.2	10.8	-	7.6	29	0	74	10	5.1	30	0	10.4	-	2.30	-	7	2
	Month	137.8	122	27	23	12.2	7.5	9.9	-0.9	2.8	12	0	173	20	-1.8	12	2	10.1	-1.1	2.96	103	8	12
Claremorris e Co. Mayo	1-10	55.9	-	8	8	12.5	5.6	9.0	-	2.9	10	0	47	4	0.1	10	0	10.4	-	2.88	-	5	4
	11-20	27.5	-	8	8	11.1	3.8	7.5	-	0.7	12	0	30	0	-2.2	12	2	7.7	-	4.42	-	4	1
	21-end	42.3	-	6	6	12.2	7.2	9.7	-	3.8	24	0	63	6	-0.8	24	1	9.5	-	1.80	-	5	2
	Month	125.7	106	22	22	11.9	5.6	8.8	-0.9	0.7	12	0	140	10	-2.2	12	3	9.2	-1.1	2.99	117	5	7
Glenamoy Co. Mayo	1-10	80.8	-	9	8	13.0	6.9	10.0	/	3.1	10	0	56	8	2.2	10	0	/	/	3.09	/	/	/
	11-20	38.1	-	10	7	11.2	4.5	7.9	/	2.0	14	0	35	0	-0.8	18	1	/	/	3.20	/	/	/
	21-end	32.1	-	9	8	12.6	8.0	10.3	/	4.3	24	0	69	9	2.4	24	0	/	/	1.75	/	/	/
	Month	151.0	111	28	23	12.3	6.5	9.4	/	2.0	14	0	160	17	-0.8	18	1	/	/	2.85	/	/	/
Dunsany (Grange) Co. Meath	1-10	44.4	-	7	7	11.9	4.2	8.1	/	1.0	10	0	37	2	-5.0	10	5	/	/	3.52	/	/	/
	11-20	18.3	-	7	6	10.7	NA	-	/	NA	-	-	-	-7.5	18	6	/	/	3.82	/	/	/	
	21-end	53.2	-	8	6	NA	NA	-	/	NA	-	-	-	-4.0	30	3	/	/	1.62	/	/	/	
	Month	115.9	187	22	19	-	-	-	/	-	-	-	-	-7.5	18	14	/	/	2.94	/	/	/	
Clones e Co. Monaghan	1-10	37.6	-	7	6	12.4	5.3	8.9	-	1.4	10	0	45	5	-1.9	10	1	9.8	-	3.13	-	5	4
	11-20	20.0	-	6	3	11.1	3.7	7.4	-	0.6	18	0	30	0	-3.3	18	2	7.7	-	4.53	-	5	2
	21-end	51.1	-	7	4	12.4	7.2	9.8	-	3.2	30	0	64	7	1.3	30	0	9.4	-	1.50	-	5	3
	Month	108.7	119	20	13	12.0	5.5	8.8	-0.6	0.6	18	0	139	12	-3.3	18	3	9.0	-1.1	3.00	122	5	9
Birr e Co. Offaly	1-10	43.8	-	9	9	12.7	5.2	9.0	-	2.4	09	0	46	5	-1.3	09	3	10.0	-	3.68	-	5	2
	11-20	8.0	-	6	4	11.2	3.3	7.2	-	-1.4	18	2	29	1	-4.6	12	4	7.8	-	3.33	-	4	0
	21-end	39.9	-	8	5	12.7	7.4	10.1	-	3.6	25	0	61	10	0.4	30	0	9.5	-	1.93	-	4	2
	Month	91.7	112	23	18	12.2	5.4	8.8	-1.1	-1.4	18	2	136	16	-4.6	12	7	9.1	-1.5	2.95	100	4	4
Thurles Co. Tipperary	1-10		-															/	/	/	/	/	/
	11-20		-															/	/	/	/	/	/
	21-end		-															/	/	/	/	/	/
	Month		-							NOT AVAILABLE								/	/	/	/	/	/

Notes on the table...

TABLE 1 (Continued)

October, 1980

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C													BRIGHT SUNSHINE		WIND		
		AMOUNT	% OF AVERAGE.	RAID DAYS	WET DAYS	AIR					GROUND			SOIL (10 CM)					MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (ms ⁻¹)	DAYS WITH GALE GUSTS	
						MEAN MAX.	MEAN MTN	MEAN DAILY	AND	DIFFERENCE FROM AVERAGE	LOWEST MIN.	DATE	DAYS WITH AIR FROST	DEGREE DAYS ABOVE 4.0C	DEGREE DAYS ABOVE 10.0C	LOWEST "GRASS-MIN."	DATE	DAYS WITH GROUND FROST					MEAN DAILY
Dungarvan (Ballygagin) Co. Waterford	1-10	42.0	-	8	8	13.2	6.3	9.8	/	3.4	10	0	54	8	-1.9	10	3	/	3.15	/	3	/	
	11-20	39.8	-	7	6	11.6	5.1	8.4	/	2.0	18	0	40	1	NA	-	/	3.32	/	3	/		
	21-end	71.0	-	10	6	13.4	8.2	10.8	/	4.4	25	0	75	13	-1.7	24	3	/	1.88	/	3	/	
	Month	146.8	148	25	20	12.7	6.6	9.7	/	2.0	18	0	169	22	-	-	-	/	2.75	/	3	/	
Mullingar e Co. Westmeath	1-10	51.6	-	9	7	12.3	4.7	8.5	-	1.1	10	0	41	3	-2.4	10	1	9.6	-	3.76	-	5	2
	11-20	16.7	-	6	6	10.9	3.5	7.2	-	0.7	18	0	28	0	-3.4	18	5	7.5	-	4.06	-	4	1
	21-end	55.7	-	7	6	12.4	6.2	9.3	-	1.6	24	0	58	7	-1.2	30	2	9.1	-	2.08	-	5	2
	Month	124.0	135	22	19	11.9	4.8	8.4	-1.1	0.7	18	0	127	0	-3.4	18	8	8.8	-1.5	3.26	116	5	5
Campile (Ballysop) Co. Wexford	1-10	37.7	-	7	7	13.0	5.5	9.3	/	2.1	10	0	49	6	-3.2	10	4	/	3.47	/	/	/	
	11-20	20.6	-	7	7	11.4	4.1	7.8	/	0.7	18	0	34	0	-4.5	18	5	/	3.33	/	/	/	
	21-end	63.9	-	6	5	12.6	7.8	10.2	/	2.7	25	0	68	11	-3.0	25	4	/	2.04	/	/	/	
	Month	122.2	130	20	19	12.3	5.9	9.1	/	0.7	18	0	151	17	-4.5	18	13	/	2.92	/	/	/	
Clonroche Co. Wexford	1-10	37.8	-	9	5	12.6	5.1	8.9	/	2.4	10	0	45	4	-4.4	08	8	/	3.73	/	3	/	
	11-20	43.0	-	8	7	11.0	3.8	7.4	/	-0.2	18	1	30	0	-5.4	18	8	/	3.97	/	2	/	
	21-end	79.5	-	10	7	12.4	7.6	10.0	/	3.2	30	0	66	11	-3.8	30	3	/	2.03	/	3	/	
	Month	160.3	151	27	19	12.0	5.5	8.8	/	-0.2	18	1	141	15	-5.4	18	19	/	3.20	/	3	/	
Johnstown Castle Co. Wexford	1-10	41.6	-	6	6	13.0	6.5	9.8	/	2.5	09	0	54	8	-2.5	09	3	/	4.00	/	4	/	
	11-20	38.1	-	7	7	11.6	4.1	7.9	/	-1.6	17	1	35	1	-3.0	18	4	/	4.51	/	5	/	
	21-end	85.9	-	9	7	12.6	8.1	10.4	/	3.8	30	0	70	10	-2.9	25	3	/	2.33	/	4	/	
	Month	165.6	180	22	20	12.4	6.3	9.4	/	-1.6	17	1	159	19	-3.0	18	10	/	3.57	/	4	/	
Rosslare e Co. Wexford	1-10	45.2	-	5	5	13.5	7.0	10.2	-	3.6	09	0	58	11	0.7	09	0	11.0	-	3.98	-	6	3
	11-20	24.8	-	7	6	11.7	6.2	9.0	-	3.0	18	0	46	2	0.5	18	0	8.9	-	4.19	-	7	6
	21-end	72.7	-	7	6	12.9	8.7	10.8	-	5.5	25	0	75	13	-1.9	30	1	10.6	-	2.26	-	6	6
	Month	142.7	176	19	17	12.7	7.3	10.0	-1.3	3.0	18	0	179	26	-1.9	30	1	10.2	-1.6	3.44	91	19	15

Notes on the tables in January issue

TABLE 2

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

OCTOBER 1980

STATION	PERIOD	SOLAR RADIATION	P.E. (mm)	SOIL MOISTURE (mm)		
		Amount Joule/cm ²	Amount	Deficit	Accumulated Deficit	Surplus
Carlow (Oak Park) Co. Carlow	1-10		1	-	0	36
	11-20		7	-	0	11
	21-end	-	-1	-	0	55
	Month		7	-	-	-
Kinsealy* Co. Dublin	1-10	6820	16	-	0	22
	11-20	5837	9	-	0	12
	21-end	3921	9	-	0	46
	Month	16578	34	-	-	-
Cahiriveen e (Valentia Obsy.) Co. Kerry	1-10	6092	11	-	0	44
	11-20	7367	10	-	0	39
	21-end	4554	0	-	0	75
	Month	18013	21	-	-	-
Kilkenny e Co. Kilkenny	1-10	7384				
	11-20	6549	-	-	-	-
	21-end	4246				
	Month	18179				
Ballinamore Co. Leitrim	1-10		4	-	0	25
	11-20		7	-	0	2
	21-end	-	2	-	0	10
	Month		13	-	-	-
Glenamoy ² Co. Mayo	1-10		8	-	0	68
	11-20		8	-	0	19
	21-end	-	6	-	0	42
	Month		22	-	-	-
Birr e Co. Offaly	1-10	7397				
	11-20	6618	-	-	-	-
	21-end	4360				
	Month	18375				
Johnstown Castle Co. Wexford	1-10		18	-	0	24
	11-20		1	-	0	31
	21-end	-	2	-	0	81
	Month		21	-	-	-

*, ², See notes in January issue.