

METEOROLOGICAL SERVICE



AGROMETEOROLOGICAL BULLETIN

JULY 1979

The Weather of July

A ridge of high pressure dominated the weather up to the 6th. This period was dry and warm, and good sunny spells occurred especially in southern and eastern regions. In the period 7th to 15th some outbreaks of rain took place on most days in western and northern regions while it remained generally dry in southern and southeastern regions.

A short spell of warm humid conditions set in on the 16th. This spell lasted until the 19th. Thereafter outbreaks of rain occurred, first in western and northern regions. By the 24th these outbreaks of rain had become more widespread, and heavy at times in all regions. Thundery troughs were active and widespread on the 28th and 29th and considerable rainfall occurred on these days, especially in the midlands and east.

Mean Monthly Amounts of Precipitation were below normal everywhere. Amounts ranged from some 12% of average in the extreme southeast to 80% of average in the northwest. The east of the country however also had some 75% of average rainfall due to the increasingly thundery troughs which affected the region after the 24th. Absolute drought (a period of 15 or more consecutive days, on none of which 0.2 mm or more of rain fell) occurred from June 25th to July 12th over much of the southeastern half of the country.

Apart from the extreme west, weather favourable for the spread of potato blight was well below normal up to the 15th. A short spell occurred mostly from the 15th to the 17th and a series of more extensive spells began on the 22nd, lasting intermittently until the end of the month. The weather was mostly favourable for mildew in cereal crops in the east and south and Rynchosporium in the west and southwest. The more widespread development of Rynchosporium in all regions was favoured during the last seven days of the month.

Mean Monthly Air Temperature was some 0.5°C above normal in most places. It was slightly below normal in southern and northern coastal areas and 0.5°C below normal in the extreme west. Highest afternoon temperatures generally occurred in the periods 5/6th, 15/17th, 25/29th. Nights were warm generally and ground frost was rare and slight.

Soil temperature (10 cm), although near normal generally, was 1.0 to 2.5°C above normal in the south midlands and east and 0.5° below normal in the north midlands and in the extreme south.

Mean Daily Duration of Sunshine ranged from 40 to 50% of average in the extreme west and north regions to 80-100% of average in the east and south.

Occasional gale gusts occurred in western coastal districts.

Summary. July was dull with a little above average temperature. Rainfall was below normal everywhere.

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

July, 1979

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 ABOVE 4.0°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	0	/	0	0	20.0	11.1	15.6	/	6.2	01	0	112	56	1.5	01	0	/	/	NA	/	3	/
	11-20	1.6	/	2	1	20.2	10.9	15.6	/	6.6	11	0	112	56	2.8	11	0	/	/	5.33	/	3	/
	21-end	5.3	/	4	3	20.9	12.1	16.5	/	7.6	22	0	133	72	3.5	22	0	/	/	4.50	/	3	/
	Month	6.9	/	6	4	20.4	11.4	15.9	/	6.2	01	0	357	184	1.5	01	0	/	/	-	/	3	/
Shannon Airport Co. Clare	1-10	1.4	-	2	1	19.2	12.3	15.7	-	7.7	01	0	113	57	2.6	01	0	17.6	-	3.28	-	3	0
	11-20	3.2	-	4	1	19.5	12.3	15.9	-	9.9	15	0	115	59	6.9	11	0	18.3	-	3.87	-	4	0
	21-end	22.9	-	9	5	19.7	13.6	16.6	-	9.1	22	0	135	73	5.6	22	0	18.1	-	2.16	-	4	0
	Month	27.5	39	15	7	19.5	12.7	16.1	+0.6	7.7	01	0	363	189	2.6	01	0	18.0	+0.6	3.07	66	4	0
Fermoy (Moore Park) Co. Cork	1-10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	11-20	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	21-end	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Month	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Mallow Co. Cork	1-10	0	-	0	0	19.8	10.1	15.0	/	4.0	01	0	106	50	1.0	01	0	/	/	5.15	/	/	/
	11-20	1.1	-	2	0	19.9	10.8	15.3	/	6.8	15	0	109	53	4.0	15	0	/	/	3.60	/	/	/
	21-end	6.9	-	4	4	19.8	12.0	15.9	/	4.4	22	0	126	65	1.2	22	0	/	/	2.42	/	/	/
	Month	8.0	13	6	4	19.8	11.0	15.4	/	4.0	01	0	341	168	1.0	01	0	/	/	3.68	/	/	/
Roche's Point Co. Cork	1-10	0	-	0	0	18.0	11.3	14.6	-	8.4	01	0	102	46	5.2	01	0	18.2	-	8.18	-	4	0
	11-20	1.7	-	2	1	18.3	11.9	15.1	-	9.5	11	0	107	51	3.2	11	0	17.5	-	4.89	-	4	0
	21-end	15.0	-	5	5	18.6	12.7	15.7	-	8.4	22	0	124	62	5.7	22	0	17.2	-	3.86	-	5	1
	Month	16.7	25	7	6	18.3	12.0	15.1	-0.1	8.4	01	0	333	159	3.2	11	0	17.6	-0.5	5.58	99	4	1
Glencolumbkille Co. Donegal	1-10	19.0	/	5	4	16.2	10.0	13.1	/	8.3	10	0	87	31	6.0	04	0	/	/	2.23	/	3	/
	11-20	29.9	/	6	5	16.1	9.9	13.0	/	8.0	15	0	86	30	3.6	11	0	/	/	2.22	/	4	/
	21-end	42.3	/	9	7	16.9	11.7	14.3	/	8.5	21	0	110	48	6.0	23	0	/	/	2.15	/	3	/
	Month	91.2	/	20	16	16.4	10.6	13.5	/	8.0	15	0	283	109	3.6	11	0	/	/	2.20	/	3	/
Glenties Co. Donegal	1-10	10.7	-	4	3	17.1	8.6	12.8	/	5.2	10	0	85	29	0.3	10	0	/	/	1.96	/	/	/
	11-20	27.5	-	7	6	16.6	8.1	12.4	/	4.2	15	0	80	24	0.5	11	0	/	/	2.16	/	/	/
	21-end	36.8	-	9	8	17.3	10.4	13.9	/	6.8	21	0	104	43	5.5	31	0	/	/	1.53	/	/	/
	Month	75.0	65	20	17	17.0	9.1	13.0	/	4.2	15	0	269	96	0.3	10	0	/	/	1.87	/	/	/

Notes on the tables in January issue

TABLE 1 (Continued)

July, 1979

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
Malin Head e Co. Donegal	1-10	8.4	-	3	2	15.4	10.9	13.1	-	9.9	01	0	88	32	5.9	04	0	15.0	-	1.59	-	7	1
	11-20	15.3	-	9	5	16.1	11.0	13.6	-	9.7	11	0	92	36	7.5	11	0	15.8	-	2.61	-	7	2
	21-end	44.3	-	10	7	17.0	12.0	14.5	-	9.4	23	0	111	49	6.4	23	0	16.0	-	1.97	-	5	0
	Month	68.0	80	22	14	16.2	11.3	13.8	-0.2	9.4	23	0	291	117	5.9	04	0	15.6	0.0	2.05	45	6	3
Casement Aerodrome Co. Dublin	1-10	3.2	-	4	1	17.8	10.5	14.1	-	5.3	01	0	97	41	2.0	01	0	15.8	-	2.72	-	4	0
	11-20	4.6	-	5	1	18.1	9.9	14.0	-	5.5	15	0	96	40	3.9	11	0	16.2	-	2.76	-	4	0
	21-end	19.9	-	10	6	18.9	12.0	15.5	-	7.0	22	0	122	60	3.0	22	0	16.5	-	2.25	-	4	0
	Month	27.7	34	19	8	18.3	10.8	14.6	+0.2	5.3	01	0	315	141	2.0	01	0	16.2	+0.1	2.56	63	4	0
Dublin Airport e Co. Dublin	1-10	0.2	-	0	0	19.4	11.7	15.6	-	6.4	01	0	112	56	4.7	01	0	18.1	-	5.20	-	4	0
	11-20	2.8	-	2	1	19.3	11.8	15.6	-	8.6	20	0	112	56	6.5	11	0	18.9	-	5.76	-	5	0
	21-end	44.2	-	7	6	20.0	12.5	16.3	-	9.1	22	0	131	69	7.6	22	0	17.9	-	3.74	-	4	0
	Month	47.2	77	9	7	19.6	12.0	15.8	+0.7	6.4	01	0	355	181	4.7	01	0	18.3	+0.9	4.86	94	4	0
Kinsealy Co. Dublin	1-10	0.1	/	0	0	19.6	10.6	15.1	/	5.8	01	0	107	51	NA	-	/	/	5.32	/	3	/	
	11-20	4.0	/	2	1	19.1	10.5	14.8	/	7.9	12	0	104	48	NA	-	/	/	6.21	/	4	/	
	21-end	51.5	/	7	5	19.7	11.9	15.8	/	8.7	22	0	126	64	4.4	23	0	/	/	3.91	/	3	/
	Month	55.6	/	9	6	19.5	11.0	15.2	/	5.8	01	0	337	163	-	-	/	/	5.11	/	3	/	
Galway Co. Galway	1-10	6.3	-	2	2	17.9	11.8	14.8	-	6.8	01	0	105	49	4.6	01	0	17.5	-	4.12	-	5	0
	11-20	4.7	-	4	3	17.5	11.3	14.4	-	8.5	15	0	95	39	6.8	15	0	17.5	-	3.02	-	5	0
	21-end	18.1	-	8	6	18.3	13.4	15.9	-	10.9	21	0	126	65	10.9	21	0	17.6	-	2.84	-	5	1
	Month	29.1	-	14	11	17.9	12.2	15.0	-	6.8	01	0	326	153	4.6	01	0	17.5	-	3.31	-	5	1
Killarney (Muckross Hse) Co. Kerry	1-10	0.6	/	1	0	18.7	11.9	15.3	/	7.0	01	0	109	53	0.8	01	0	/	/	4.28	/	/	
	11-20	4.1	/	4	2	18.8	12.4	15.6	/	9.6	15	0	112	56	3.0	15	0	/	/	4.29	/	/	
	21-end	15.3	/	8	5	18.8	13.4	16.1	/	10.6	22	0	129	67	2.0	22	0	/	/	2.58	/	/	
	Month	20.0	/	13	7	18.8	12.6	15.7	/	7.0	01	0	350	176	0.8	01	0	/	/	3.68	/	/	
Cahiriveen e (Valentia Obsy.) Co. Kerry	1-10	1.6	-	3	0	17.0	11.2	14.1	-	8.8	05	0	97	41	4.6	05	0	17.1	-	2.99	-	3	0
	11-20	6.6	-	6	4	17.2	11.6	14.4	-	8.9	15	0	100	44	6.3	15	0	17.7	-	3.32	-	4	0
	21-end	30.7	-	7	7	17.8	12.9	15.4	-	8.1	22	0	121	59	3.6	22	0	17.6	-	1.62	-	5	1
	Month	38.9	41	16	11	17.4	11.9	14.6	+0.4	8.1	22	0	318	144	3.6	22	0	17.5	+0.4	2.61	56	4	1

Notes on the tables in January issue

TABLE 1 (Continued)

July, 1979

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						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						
																								MEAN DAILY	DIFFERENCE FROM AVERAGE
Tralee Lisdara Co. Kerry	1-10	0.6	/	1	0	19.2	12.2	15.7	/	9.7	01	0	113	57	5.5	06	0	/	/	/	/	/	/	/	/
	11-20	4.6	/	3	1	19.1	12.2	15.6	/	8.7	15	0	113	57	5.3	15	0	/	/	/	/	/	/	/	/
	21-end	21.5	/	7	7	19.1	13.7	16.4	/	10.6	22	0	133	71	8.4	22	0	/	/	/	/	/	/	/	/
	Month	26.7	/	11	8	19.1	12.7	15.9	/	8.7	15	0	359	185	5.3	15	0	/	/	/	/	/	/	/	/
Lullymore Co. Kildare	1-10	0.7	/	1	0	19.5	10.5	15.0	/	3.9	01	0	107	51	-1.0	01	1	/	/	/	/	/	/	/	/
	11-20	5.3	/	4	2	NA	NA	-	/	NA	-	-	NA	NA	NA	-	-	/	/	/	/	/	/	/	/
	21-end	18.4	/	9	5	20.1	11.0	15.6	/	5.4	22	0	123	61	-0.6	22	1	/	/	/	/	/	/	/	/
	Month	24.4	/	14	7	-	-	-	/	-	-	-	-	-	-	-	-	-	/	/	/	/	/	/	/
Kilkenny Co. Kilkenny	1-10	0.2	-	1	0	20.0	11.1	15.5	-	4.7	01	0	112	56	-0.2	01	1	19.5	-	4.31	-	2	0		
	11-20	1.2	-	1	1	21.1	10.9	16.0	-	5.1	11	0	116	60	1.1	11	0	20.4	-	4.13	-	3	0		
	21-end	12.0	-	8	4	21.1	11.9	16.5	-	7.7	22	0	133	71	6.2	22	0	19.3	-	3.66	-	3	0		
	Month	13.4	21	10	5	20.7	11.3	16.0	+0.7	4.7	01	0	361	187	-0.2	01	1	19.7	+1.7	4.02	81	3	0		
Mooncoin (Silverspring) Co. Kilkenny	1-10	0	/	0	0	20.0	10.6	15.3	/	6.0	01	0	109	53	1.0	01	0	/	/	/	/	/	/	/	/
	11-20	0.3	/	1	0	20.3	10.6	15.5	/	5.8	11	0	111	55	1.5	14	0	/	/	/	/	/	/	/	/
	21-end	10.0	/	6	4	20.5	11.2	15.8	/	5.9	22	0	126	65	-0.5	22	1	/	/	/	/	/	/	/	/
	Month	10.3	/	7	4	20.3	10.8	15.5	/	5.8	11	0	346	173	-0.5	22	1	/	/	/	/	/	/	/	/
Ballinamore Co. Leitrim	1-10	4.2	/	3	1	18.3	10.5	14.4	/	8.1	03	0	100	44	2.9	10	0	/	/	/	/	/	/	/	/
	11-20	6.9	/	5	2	18.0	10.0	14.0	/	5.3	15	0	96	40	0.6	11	0	/	/	/	/	/	/	/	/
	21-end	18.0	/	8	5	18.9	11.8	15.4	/	9.0	21	0	121	59	NA	-	-	/	/	/	/	/	/	/	/
	Month	29.1	/	16	8	18.4	10.8	14.6	/	5.3	15	0	317	143	-	-	-	/	/	/	/	/	/	/	/
Ardee (Boharnamoe) Co. Louth	1-10	0	/	0	0	19.8	8.5	14.1	/	4.1	01	0	98	42	1.2	05	0	/	/	/	/	/	/	/	/
	11-20	3.9	/	2	2	19.7	9.7	14.7	/	6.1	16	0	103	47	-0.5	11	1	/	/	/	/	/	/	/	/
	21-end	38.1	/	9	7	20.7	10.8	15.7	/	8.0	21	0	125	63	-0.5	22	1	/	/	/	/	/	/	/	/
	Month	42.0	/	11	9	20.0	9.7	14.9	/	4.1	01	0	326	152	-0.5	11	2	/	/	/	/	/	/	/	/
Ballinrobe (Creagh) Co. Mayo	1-10	0.9	/	1	0	18.4	NA	-	/	NA	-	NA	NA	NA	-	-	-	/	/	/	/	/	/	/	/
	11-20	2.1	/	2	1	17.7	NA	-	/	NA	-	NA	NA	NA	-	-	-	/	/	/	/	/	/	/	/
	21-end	19.4	/	8	7	18.8	NA	-	/	NA	-	NA	NA	NA	-	-	-	/	/	/	/	/	/	/	/
	Month	22.4	/	11	8	18.3	-	-	/	NA	-	-	-	-	-	-	-	-	/	/	/	/	/	/	/

Notes on the tables in January issue

TABLE 1 (Continued)

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		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	10.8	-	3	2	15.8	11.3	13.6	-	8.4	10	0	92	36	5.0	10	0	16.3	-	2.16	-	6	1
	11-20	9.8	-	7	3	15.7	11.2	13.5	-	8.1	15	0	91	35	5.1	15	0	16.3	-	2.19	-	7	0
	21-end	34.4	-	8	4	16.8	12.7	14.8	-	9.7	21	0	114	52	7.3	22	0	16.7	-	1.61	-	6	0
	Month	55.0	71	18	9	16.1	11.8	13.9	-0.5	8.1	15	0	297	123	5.0	10	0	16.4	00	1.97	-	6	1
Claremorris e Co. Mayo	1-10	3.2	-	4	1	17.8	10.5	14.1	-	5.3	01	0	97	41	2.0	01	0	15.8	-	2.72	-	4	0
	11-20	4.6	-	5	1	18.1	9.9	14.0	-	5.5	15	0	96	40	3.9	11	0	16.2	-	2.76	-	4	0
	21-end	19.9	-	10	6	18.9	12.0	15.5	-	7.0	22	0	122	60	3.0	22	0	16.5	-	2.25	-	4	0
	Month	27.7	34	19	8	18.3	10.8	14.6	+0.2	5.3	01	0	315	141	2.0	01	0	16.2	+0.1	2.56	63	4	0
Glenamoy Co. Mayo	1-10	16.8	/	4	3	17.1	10.7	13.9	/	7.4	10	0	95	39	4.9	10	0	/	/	2.03	/	/	/
	11-20	18.0	/	7	4	16.4	10.6	13.5	/	6.9	15	0	91	35	4.5	15	0	/	/	2.23	/	NA	/
	21-end	28.7	/	9	7	17.5	12.4	15.0	/	8.9	22	0	117	55	6.4	22	0	/	/	1.86	/	/	/
	Month	63.5	/	20	14	17.0	11.3	14.2	/	6.9	15	0	303	129	4.5	15	0	/	/	2.03	/	/	/
Dunsany (Grange) Co. Meath	1-10	0.6	-	2	0	19.1	9.7	14.4	/	3.5	01	0	100	44	-0.6	01	1	/	/	4.57	/	/	/
	11-20	3.9	-	2	1	18.9	10.1	14.5	/	6.6	15	0	101	45	1.3	15	0	/	/	4.40	/	NA	/
	21-end	31.6	-	7	6	19.5	11.7	15.6	/	6.5	23	0	123	62	6.2	31	0	/	/	3.25	/	/	/
	Month	36.1	51	11	7	19.1	10.5	14.8	/	3.5	01	0	324	151	-0.6	01	1	/	/	4.05	/	/	/
Clones e Co. Monaghan	1-10	2.9	-	4	1	18.6	10.5	14.6	-	5.4	01	0	102	46	1.0	01	0	15.9	-	4.06	-	4	0
	11-20	11.0	-	6	4	18.0	10.3	14.2	-	6.7	15	0	98	42	0.6	15	0	15.5	-	3.51	-	4	0
	21-end	25.2	-	7	7	19.5	12.1	15.8	-	8.9	21	0	125	64	4.1	23	0	16.2	-	3.01	-	3	0
	Month	39.1	49	17	12	18.7	11.0	14.9	+0.5	5.4	01	0	325	152	0.6	15	0	15.9	-0.5	3.51	90	4	0
Birr e Co. Offaly	1-10	0.4	-	1	0	19.2	11.2	15.2	-	4.8	01	0	108	52	1.0	01	0	19.4	-	3.84	-	3	0
	11-20	2.1	-	3	1	19.5	10.9	15.2	-	8.4	11	0	108	52	4.6	11	0	19.6	-	4.26	-	3	0
	21-end	24.5	-	8	5	19.9	12.9	16.4	-	8.8	22	0	132	71	7.0	22	0	18.5	-	3.07	-	3	1
	Month	27.0	36	12	6	19.5	11.7	15.6	+0.5	4.8	01	0	348	175	1.0	01	0	19.1	+2.7	3.70	81	3	1
Thurles Co. Tipperary	1-10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	11-20	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	21-end	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Month	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Notes on the tables in January issue

TABLE 1 (Continued)

July, 1979

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 MTN.	MEAN DAILY	AND DIFFERENCE FROM AVERAGE	LOWEST MIN.	DATE	DAYS WITH AIR FROST	DEGREE DAYS ABOVE 4.4°C	DEGREE DAYS BELOW 10.0°C	LOWEST "GRASS-MIN."					DATE	DAYS WITH GROUND FROST	MEAN DAILY	DIFFERENCE FROM AVERAGE
Dungarvan (Ballygagin) Co. Waterford	1-10	0	/	0	0	20.5	11.6	16.0	/	6.9	01	0	117	61	5.5	01	0	/	/	6.68	/	2	/
	11-20	0.3	/	1	0	20.5	11.9	16.2	/	6.6	11	0	118	62	4.9	11	0	/	/	5.10	/	2	/
	21-end	10.4	/	5	3	20.8	13.3	17.0	/	9.7	22	0	140	78	7.0	31	0	/	/	5.03	/	2	/
	Month	10.7	/	6	3	20.6	12.3	16.4	/	6.6	11	0	375	201	4.9	11	0	/	/	5.42	/	2	/
Mullingar e Co. Westmeath	1-10	2.5	-	4	0	18.8	10.7	14.8	-	6.6	01	0	104	48	4.1	01	0	16.4	-	4.11	-	3	0
	11-20	4.6	-	5	2	18.7	10.1	14.4	-	7.0	11	0	100	44	3.4	11	0	16.6	-	3.79	-	4	0
	21-end	39.4	-	8	7	19.1	11.7	15.4	-	7.9	22	0	121	60	4.6	22	0	16.5	-	3.39	-	4	0
	Month	46.5	56	17	9	18.9	10.8	14.9	+0.7	6.6	01	0	325	152	3.4	11	0	16.5	-0.2	3.75	84	4	0
Campile (Ballysop) Co. Wexford	1-10	0	/	0	0	19.7	10.9	15.3	/	5.2	01	0	109	53	-0.9	01	1	/	/	6.19	/	NA	/
	11-20	0	/	0	0	19.7	11.2	15.5	/	7.6	11	0	111	55	2.5	11	0	/	/	5.73	/	NA	/
	21-end	18.4	/	6	6	19.6	11.8	15.7	/	5.3	22	0	124	63	1.0	22	0	/	/	4.22	/	NA	/
	Month	18.4	/	6	6	19.7	11.3	15.5	/	5.2	01	0	344	171	-0.9	01	1	/	/	5.34	/	NA	/
Clonroche Co. Wexford	1-10	0.1	/	0	0	19.5	10.1	14.8	/	7.3	01	0	104	48	0.5	04	0	/	/	6.69	/	2	/
	11-20	0.2	/	0	0	20.0	10.5	15.3	/	6.2	11	0	109	53	0.0	11	0	/	/	5.63	/	2	/
	21-end	16.1	/	7	4	19.8	11.2	15.5	/	6.0	22	0	123	61	-1.0	22	1	/	/	4.64	/	3	/
	Month	16.4	/	7	4	19.8	10.6	15.2	/	6.0	22	0	336	162	-1.0	22	1	/	/	5.62	/	2	/
Johnstown Castle Co. Wexford	1-10	0.9	-	1	0	18.6	10.5	14.5	/	5.9	02	0	102	46	1.0	01	0	/	/	7.36	/	3	/
	11-20	0	-	0	0	19.2	11.2	15.2	/	7.9	11	0	108	52	1.9	11	0	/	/	5.73	/	3	/
	21-end	14.8	-	7	5	19.3	12.0	15.6	/	8.0	22	0	124	62	4.0	22	0	/	/	5.01	/	4	/
	Month	15.7	22	8	5	19.0	11.3	15.1	/	5.9	02	0	334	160	1.0	01	0	/	/	6.00	/	3	/
Rosslare e Co. Wexford	1-10	0.3	-	1	0	18.4	11.7	15.0	-	8.0	01	0	106	50	4.9	01	0	19.4	-	7.01	-	4	0
	11-20	0	-	0	0	18.7	12.3	15.5	-	10.5	11	0	111	55	3.6	11	0	19.7	-	6.00	-	4	1
	21-end	6.3	-	6	3	19.1	12.4	15.7	-	8.1	22	0	125	63	5.1	22	0	18.7	-	5.49	-	5	1
	Month	6.6	12	7	3	18.7	12.1	15.4	+0.2	8.0	01	0	342	168	3.6	11	0	19.3	+1.1	6.15	96	4	2

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Notes on the tables in January issue

TABLE 2

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

July, 1979

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			NOT AVAILABLE		
	11-20	-				
	21-end					
	Month					
Kinsealy* Co. Dublin	1-10	18105	32	28	70	-
	11-20	19021	43	20	90	-
	21-end	17208	30	-	48	42
	Month	54334	105	-	-	-
Cahirciveen e (Valentia Obsy.) Co. Kerry	1-10	15402	22	21	31	-
	11-20	15279	21	12	43	-
	21-end	14409	25	-	35	-
	Month	45090	68	-	-	-
Kilkenny e Co. Kilkenny	1-10	18463				
	11-20	17673				
	21-end	17674	-	-	-	-
	Month	53810				
Ballinamore Co. Leitrim	1-10		29	25	43	-
	11-20		29	18	61	-
	21-end		21	5	66	-
	Month		79	-	-	-
Glenamoy/ Co. Mayo	1-10		24	8	30	-
	11-20		18	0	30	-
	21-end		18	-	20	10
	Month		60	-	-	-
Birr e Co. Offaly	1-10	17329				
	11-20	17061				
	21-end	16220				
	Month	50610				
Johnstown Castle Co. Wexford	1-10		38	37	69	-
	11-20		31	18	87	-
	21-end		33	-	85	2
	Month		102	-	-	-

*, /, See notes in January issue.