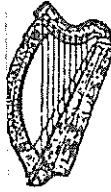


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AGMETBL (02) 467

AGROMETEOROLOGICAL BULLETIN

NOVEMBER 1979

The Weather of November

From the 1st to the 7th the weather was mostly mild and wet - the day time temperature reached a maximum of 17.6°C on the 3rd at Dublin Airport. The wind, which was strong and gusty at times, was mostly from the southwest. Thunderstorms occurred on a number of days. The weather was cold and showery from the 8th to the 16th, particularly in western and northern regions, and widespread sharp ground frost occurred on several nights.

In the period from the 17th to the 24th the weather was mostly cloudy and the nights were generally mild. Moderate amounts of rain occurred on most days in western regions but in eastern and southern regions the rain was generally light and scattered. On the 23rd however, widespread heavy rain occurred in the Midlands, South and eastern regions. From the 25th to the end of the month the weather was very mild. Southerly winds were frequently strong and gusty and much of the rain during this period also occurred in western regions.

Mean Monthly Rainfall Amounts ranged from 188% of normal at Malin Head to 69% of normal at Rosslare. In western, northern and the north Midlands regions the wettest day occurred on the 25th when up to 38 mm of rainfall took place, particularly in northern regions. In the southeast, south and southwest the wettest day occurred on the 2nd with amounts for the day varying from 20 mm in the southeast to 35 mm in the southwest.

The Mean Monthly Air Temperature was above normal generally. It varied from 1.4°C above normal at Shannon Airport to 0.1°C above normal at Belmullet, except at Malin Head where it was 0.2°C below normal. Air frost occurred on some 5 days at many inland stations and ground frost occurred on some 9 to 14 days, the number of occasions being below normal for November. Soil temperatures (at 10 cm) were below normal up to the middle of the month, having generally dropped below the 6°C threshold value for grass growth for an extended spell. With the onset of a mild spell on the 17th, that lasted to the end of the month, they recovered again to 10 to 12°C , which was some 4 to 5°C above normal.

Mean Daily Duration of Bright Sunshine was above normal except in extreme northwestern and southern regions. It ranged from 64% of normal at Valentia to 129% of normal at Dublin Airport.

Strong and gusty winds occurred frequently, especially between the 2nd and the 7th, 17th/18th, and the 26th to the 30th. A gust of 66 kts was reported at Malin Head on the 18th.

Summary. The weather was changeable. It was mild generally but an extended cold spell occurred towards the middle of the month. Rainfall ranged from well above normal in the northwest to well below normal in the southeast.

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

November, 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 4.4°C	DEGREE DAYS ABOVE 10.0°C	LOWEST "GRASS-MIN."	DATE	DAYS WITH GROUND FROST	MEAN DAILY	DIFFERENCE FROM AVERAGE	MEAN DAILY (HRS.)				
Carlow (Oak Park) Co. Carlow	1-10	34.1	/	7	5	11.9	4.7	8.3	/	-1.2	10	1	40	2	-3.7	10	3	/	/	3.05	/	5	/
	11-20	12.4	/	6	3	8.2	0.7	4.4	/	-4.0	13	3	9	0	-7.2	13	8	/	/	3.08	/	3	/
	21-end	27.9	/	6	5	12.7	7.2	9.9	/	0.2	24	0	56	8	-1.6	24	1	/	/	1.05	/	5	/
	Month	74.4	/	19	13	10.9	4.2	7.6	/	-4.0	13	4	105	10	-7.2	13	12	/	/	2.39	/	4	/
Shannon Airport Co. Clare	1-10	77.5	-	10	9	12.0	7.2	9.6	-	2.5	09	0	52	7	-2.0	10	1	9.1	-	2.24	-	6	6
	11-20	29.7	-	9	8	9.5	3.4	6.5	-	0.2	15	0	22	0	-4.7	15	6	5.9	-	2.42	-	4	2
	21-end	48.4	-	6	5	13.2	8.5	10.8	-	4.5	24	0	65	14	1.7	24	0	9.6	-	0.91	-	6	2
	Month	155.6	138	25	22	11.6	6.4	9.0	+1.4	0.2	15	0	139	21	-4.7	15	7	8.2	+0.8	1.86	91	5	10
Ferry (Moore Park) Co. Cork	1-10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	11-20	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	21-end	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Month	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Mallow Co. Cork	1-10	36.6	-	8	7	12.9	4.5	8.7	/	-1.8	10	1	43	5	-4.0	10	4	/	/	2.80	/	/	/
	11-20	42.5	-	10	8	9.4	1.4	5.4	/	-3.5	13	3	15	0	-4.3	12	8	/	/	2.13	/	/	/
	21-end	15.8	-	6	5	13.2	7.4	10.3	/	-1.2	24	2	59	13	-4.0	24	2	/	/	0.95	/	/	/
	Month	94.9	88	24	20	11.8	4.5	8.1	/	-3.5	13	6	117	18	-4.3	12	14	/	/	1.96	/	/	/
Roche's Point Co. Cork	1-10	26.6	-	7	4	12.3	7.4	9.8	-	2.6	10	0	55	10	0.1	10	0	9.5	-	2.84	-	7	8
	11-20	33.5	-	8	8	9.7	4.5	7.1	-	1.3	13	0	27	0	-1.0	13	3	7.1	-	3.32	-	7	7
	21-end	20.1	-	7	4	12.0	9.1	10.5	-	2.9	24	0	61	10	0.6	24	0	10.0	-	1.16	-	7	3
	Month	80.2	85	22	16	11.3	7.0	9.1	+0.3	1.3	13	0	143	20	-1.0	13	3	8.9	+0.6	2.44	109	7	18
Glencolumbkille Co. Donegal	1-10	71.2	/	10	10	10.6	4.8	7.7	/	1.9	10	0	33	1	-3.1	10	4	/	/	1.42	/	6	/
	11-20	54.4	/	8	7	9.4	2.6	6.0	/	0.6	15	0	17	0	-3.6	17	6	/	/	1.94	/	4	/
	21-end	115.0	/	10	10	12.5	7.5	10.0	/	4.5	23	0	56	7	-1.0	23	1	/	/	0.66	/	4	/
	Month	240.6	/	28	27	10.8	5.0	7.9	/	0.6	15	0	106	8	-3.6	17	11	/	/	1.34	/	5	/
Glenties Co. Donegal	1-10	88.1	-	10	10	10.5	1.8	6.1	/	-2.0	10	2	20	0	-4.0	10	7	/	/	1.41	/	/	/
	11-20	38.1	-	8	8	9.1	-1.5	3.8	/	-4.0	15	7	5	0	-8.0	15	8	/	/	2.04	/	/	/
	21-end	134.6	-	10	10	12.5	6.1	9.3	/	1.5	23	0	49	4	-2.0	23	2	/	/	0.47	/	/	/
	Month	260.8	175	28	28	10.7	2.2	6.4	/	-4.0	15	9	74	4	-8.0	15	17	/	/	1.31	/	/	/

Notes on the tables in January issue

TABLE 1 (Continued)

November, 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	66.1	-	10	9	9.9	5.5	7.7	-	3.6	08	0	33	3	-0.4	10	1	7.3	-	1.32	-	10	9
	11-20	67.7	-	8	8	8.5	2.8	5.7	-	0.0	13	0	15	0	-3.5	13	5	4.9	-	2.11	-	8	5
	21-end	67.8	-	10	8	12.2	7.2	9.7	-	4.3	23	0	53	8	1.8	23	0	8.5	-	0.54	-	9	9
	Month	201.6	188	28	25	10.2	5.2	7.7	-0.2	0.0	13	0	101	11	-3.5	13	6	6.9	00	1.32	78	9	23
Casement Aerodrome Co. Dublin	1-10	23.2	-	8	5	11.1	5.0	8.0	-	0.7	09	0	37	5	-2.9	10	2	7.5	-	2.52	-	8	4
	11-20	7.4	-	4	2	8.4	0.0	4.2	-	-3.8	13	5	7	0	-6.9	13	7	3.9	-	3.08	-	6	3
	21-end	34.6	-	6	5	12.8	7.4	10.1	-	3.1	23	0	74	11	-0.1	24	1	8.3	-	1.46	-	9	5
	Month	65.2	96	18	12	10.8	4.1	7.4	+0.5	-3.8	13	5	118	16	-6.9	13	10	6.6	-	2.35	110	8	12
Dublin Airport e Co. Dublin	1-10	17.8	-	4	3	11.2	5.2	8.2	-	0.6	10	0	38	5	-0.6	10	1	8.1	-	3.02	-	7	3
	11-20	5.8	-	4	2	8.6	1.6	5.1	-	-1.0	13	3	12	0	-5.3	13	6	4.7	-	3.76	-	5	2
	21-end	27.8	-	5	5	13.0	7.5	10.3	-	3.5	24	0	59	11	-0.2	21	1	8.5	-	1.68	-	6	4
	Month	51.4	73	13	10	10.9	4.8	7.8	+0.4	-1.0	13	3	109	16	5.3	13	8	7.1	+0.6	2.82	129	6	9
Kinsealy Co. Dublin	1-10	18.8	/	5	4	12.4	NA	-	/	NA	-	NA	NA	NA	-	/	/	/	/	3.11	/	5	/
	11-20	9.5	/	4	3	9.1	0.9	5.0	/	-3.8	13	4	12	0	-6.5	13	7	/	/	3.84	/	4	/
	21-end	27.2	/	5	4	13.4	6.9	10.1	/	0.2	21	0	58	9	2.3	21	2	/	/	1.46	/	4	/
	Month	55.5	/	14	11	11.6	-	-	/	-	-	-	-	-	-	-	-	-	-	2.80	/	4	/
Galway Co. Galway	1-10	55.9	-	10	10	11.4	6.1	8.8	-	2.9	10	0	44	3	-1.1	10	1	8.4	-	2.60	-	6	6
	11-20	29.5	-	8	5	9.1	2.6	5.9	-	0.1	13	0	17	0	-3.7	15	7	5.1	-	2.65	-	4	2
	21-end	59.4	-	9	7	12.5	7.9	10.2	-	4.0	23	0	59	9	-0.4	24	1	9.4	-	1.03	-	7	3
	Month	144.2	-	27	22	11.0	5.6	8.3	-	0.1	13	0	120	12	-3.7	15	9	7.6	-	2.09	-	6	11
Killarney (Muokross Hse) Co. Kerry	1-10	64.1	/	9	8	12.6	7.0	9.8	/	2.1	10	0	54	7	0.9	09	0	/	/	1.47	/	/	/
	11-20	59.6	/	10	9	10.3	3.4	6.8	/	-0.3	12	2	26	0	-4.4	13	5	/	/	1.78	/	/	/
	21-end	63.7	/	9	8	13.9	9.5	11.7	/	5.4	24	0	73	20	0.5	24	0	/	/	0.44	/	/	/
	Month	187.4	/	28	25	12.3	6.6	9.4	/	-0.3	12	2	153	27	-4.4	13	5	/	/	1.23	/	/	/
Cahirciveen e (Valentia Obsy.) Co. Kerry	1-10	70.3	-	10	9	12.5	7.6	10.1	-	2.3	10	0	57	10	-1.5	10	1	9.9	-	1.77	-	8	8
	11-20	55.3	-	9	9	10.4	5.1	7.8	-	1.7	12	0	34	0	-2.4	12	4	7.6	-	1.56	-	6	6
	21-end	56.2	-	8	7	12.9	9.8	11.4	-	5.7	24	0	70	18	1.8	24	0	10.7	-	0.44	-	8	6
	Month	181.8	126	27	25	11.9	7.5	9.7	+0.6	1.7	12	0	161	28	-2.4	12	5	9.4	+1.1	1.26	64	7	20

Notes on the tables in January issue

TABLE 1 (Continued)

November, 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 4.0°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	62.3	/	10	8	13.1	6.7	9.9	/	3.2	10	0	55	8	-2.4	10	3	/	/	/	/	NA	/	/	/
	11-20	45.2	/	9	9	10.1	3.3	6.7	/	-1.4	12	1	25	1	-5.8	12	6	/	/	/	/	/	/	/	/
	21-end	53.7	/	6	5	14.1	9.4	11.8	/	3.3	24	0	74	23	-2.2	24	1	/	/	/	/	/	/	/	/
	Month	161.2	/	25	22	12.4	6.5	9.5	/	-1.4	12	1	154	32	-5.8	12	10	/	/	/	/	/	/	/	/
Bullymore Co. Kildare	1-10	28.1	/	10	6	11.5	3.5	7.5	/	-1.5	10	1	33	3	-6.5	10	3	/	/	/	/	2.46	/	/	/
	11-20	11.3	/	5	3	7.8	-0.7	3.5	/	-4.2	13	7	5	0	-10.7	13	8	/	/	/	/	3.09	/	NA	/
	21-end	35.4	/	7	5	12.2	6.5	9.3	/	0.3	24	0	50	6	-3.0	24	1	/	/	/	/	1.31	/	/	/
	Month	74.8	/	22	14	10.5	3.1	6.8	/	-4.2	13	8	88	9	-10.7	13	12	/	/	/	/	2.29	/	/	/
Kilkenny Co. Kilkenny	1-10	33.4	-	8	6	11.8	4.7	8.2	-	-2.4	10	1	40	7	-5.9	10	5	8.2	-	2.93	-	4	6		
	11-20	17.3	-	6	5	8.4	0.6	4.5	-	-4.9	13	3	10	0	-8.8	13	7	4.5	-	3.43	-	3	1		
	21-end	21.9	-	6	4	13.1	6.6	9.9	-	-1.0	24	1	55	10	-5.3	24	2	8.7	-	0.53	-	4	4		
	Month	72.6	91	20	15	11.1	4.0	7.5	+0.6	-4.9	13	5	105	17	-8.8	13	14	7.1	+0.8	2.30	109	4	11		
Mooncoin (Silverspring) Co. Kilkenny	1-10	29.1	/	8	6	12.5	4.4	8.4	/	-1.5	10	1	41	5	-5.6	10	5	/	/	/	/	3.09	/	/	/
	11-20	17.2	/	6	4	9.1	1.1	5.1	/	-4.3	13	4	13	0	-8.8	13	8	/	/	/	/	3.36	/	/	/
	21-end	20.5	/	7	5	13.1	7.2	10.1	/	-2.1	24	1	57	11	-5.7	24	2	/	/	/	/	1.12	/	/	/
	Month	66.8	/	21	15	11.6	4.2	7.9	/	-4.3	13	6	111	16	-8.8	13	15	/	/	/	/	2.52	/	/	/
Ballinamore Co. Leitrim	1-10	72.5	/	10	9	10.5	3.2	6.9	/	0.2	10	0	25	0	-4.7	10	5	/	/	/	/	2.55	/	3	/
	11-20	40.6	/	7	7	8.2	-0.1	4.1	/	-4.0	13	7	7	0	-9.1	13	8	/	/	/	/	2.53	/	3	/
	21-end	62.6	/	10	8	12.1	6.0	9.0	/	-1.2	24	1	47	6	-4.2	24	1	/	/	/	/	0.90	/	4	/
	Month	175.7	/	27	24	10.3	3.0	6.7	/	-4.0	13	8	79	6	-9.1	13	14	/	/	/	/	1.99	/	3	/
Ardee (Boharnamoe) Co. Louth	1-10	34.2	/	8	7	10.0	3.6	6.8	/	0.1	10	0	27	0	-6.5	10	8	/	/	/	/	/	/	/	/
	11-20	27.4	/	7	5	8.4	-0.7	3.9	/	-6.0	12	5	7	0	-9.9	13	7	/	/	/	/	/	/	/	/
	21-end	31.2	/	6	5	12.7	6.0	9.4	/	-0.5	21	1	50	8	-7.0	24	4	/	/	/	/	/	/	/	/
	Month	92.8	/	21	17	10.4	3.0	6.7	/	-6.0	12	6	84	8	-9.9	13	19	/	/	/	/	/	/	/	/
Ballinrobe (Creagh) Co. Mayo	1-10	89.7	/	10	9	11.7	5.3	8.5	/	1.6	10	0	41	2	-3.6	10	5	/	/	/	/	2.13	/	4	/
	11-20	36.2	/	10	7	9.5	2.1	5.8	/	-1.9	12	3	18	0	-8.1	12	7	/	/	/	/	1.94	/	5	/
	21-end	159.2	/	10	10	12.4	7.5	10.0	/	1.7	24	0	55	8	-3.1	24	2	/	/	/	/	1.01	/	2	/
	Month	285.1	/	30	26	11.2	5.0	8.1	/	-1.9	12	3	114	10	-8.1	12	14	/	/	/	/	1.69	/	4	/

Notes on the tables in January issue

TABLE 1 (Continued)

November, 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				
Belmullet e Co. Mayo	1-10	57.1	-	10	10	11.1	6.2	8.7	-	3.1	08	0	43	3	2.0	10	0	8.6	-	1.97	-	8	7
	11-20	30.1	-	8	8	9.5	3.5	6.5	-	1.2	12	0	21	0	-1.7	20	2	6.4	-	1.76	-	7	2
	21-end	71.6	-	10	10	12.3	8.1	10.2	-	5.5	23	0	58	8	2.8	23	0	9.5	-	0.86	-	9	7
	Month	158.8	128	28	28	10.9	5.9	8.4	+0.1	1.2	12	0	122	11	-1.7	20	2	8.2	+0.6	1.53	80	8	16
Claremorris e Co. Mayo	1-10	53.2	-	10	9	10.9	4.6	7.7	-	0.6	10	0	34	2	-4.6	10	2	7.8	-	2.39	-	5	5
	11-20	34.6	-	7	7	8.5	0.8	4.7	-	-1.7	15	5	8	0	-6.5	15	8	4.8	-	2.38	-	4	2
	21-end	82.5	-	9	8	12.1	7.4	9.7	-	2.4	24	0	54	8	-1.5	24	1	8.8	-	1.13	-	6	4
	Month	170.3	159	26	24	10.5	4.3	7.4	+0.8	-1.7	15	5	96	10	-6.5	15	11	7.1	+0.8	1.97	101	5	11
Glenamoy Co. Mayo	1-10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	11-20	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	21-end	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Month	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Dunsany (Grange) Co. Meath	1-10	24.6	-	7	7	10.6	2.7	6.7	/	-2.2	10	2	25	2	-6.5	10	3	/	/	2.17	/	/	/
	11-20	17.1	-	6	4	8.2	-1.0	3.6	/	-4.0	12	5	6	0	-10.0	12	8	/	/	2.76	NA	/	/
	21-end	38.7	-	6	5	12.0	6.5	9.2	/	0.5	24	0	49	6	-1.5	24	1	/	/	1.41	/	/	/
	Month	80.4	106	19	16	10.3	2.8	6.5	/	-4.0	12	7	80	8	-10.0	12	12	/	/	2.11	/	/	/
Clones e Co. Monaghan	1-10	49.2	-	10	7	9.8	3.9	6.8	-	0.5	10	0	25	3	-3.6	02	5	7.2	-	2.16	-	5	3
	11-20	30.0	-	6	6	8.2	0.3	4.2	-	-2.6	13	5	7	0	-9.7	13	8	4.1	-	3.28	-	4	2
	21-end	49.5	-	9	5	12.1	6.8	9.4	-	1.1	24	0	51	7	-0.9	24	1	8.1	-	1.14	-	6	4
	Month	128.7	153	25	18	10.0	3.6	6.8	+0.5	-2.6	13	5	83	10	-9.7	13	14	6.4	+0.4	2.19	122	5	9
Birr e Co. Offaly	1-10	47.2	-	9	7	11.3	4.9	8.1	-	-0.4	10	1	37	4	-3.7	10	3	8.0	-	2.45	-	5	6
	11-20	12.3	-	7	5	8.3	0.9	4.6	-	-2.8	12	5	10	0	-6.9	13	6	4.5	-	2.84	-	4	2
	21-end	33.7	-	6	6	12.7	7.7	10.2	-	2.6	23	0	59	11	0.3	24	0	8.9	-	1.14	-	5	4
	Month	93.2	128	22	18	10.8	4.5	7.6	+0.8	-2.8	12	6	106	15	-6.9	13	9	7.1	+0.7	2.14	106	5	12
Thurles Co. Tipperary	1-10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	11-20	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	21-end	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Month	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Notes on the tables in January issue

TABLE 1 (Continued)

November, 1979

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C													BRIGHT SUNSHINE		WIND		
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAYS	AIR						GROUND			SOIL(1C 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 BELOW 10.0°C	LOWEST "GRASS-MIN."	DATE					DAYS WITH GROUND FROST	MEAN DAILY	DIFFERENCE FROM AVERAGE
Dungarvan (Ballygagin) Co. Waterford	1-10	46.9	/	7	7	12.7	5.1	8.9	/	1.1	10	0	45	5	-4.8	10	5	/	/	2.83	/	3	/
	11-20	26.0	/	7	6	9.6	1.9	5.8	/	-3.3	13	2	17	0	-8.0	13	7	/	/	2.80	/	2	/
	21-end	20.6	/	10	5	12.8	8.1	10.4	/	-1.0	24	1	61	13	-5.0	24	2	/	/	1.10	/	3	/
	Month	93.5	/	24	18	11.7	5.0	8.4	/	-3.3	13	3	123	18	-8.0	13	14	/	/	2.24	/	3	/
Mullingar e Co. Westmeath	1-10	36.9	-	7	6	10.4	4.2	7.3	-	0.2	10	0	29	3	-3.1	10	2	7.4	-	2.67	-	6	4
	11-20	20.8	-	4	4	7.8	-0.1	3.8	-	-3.7	13	5	6	0	-6.4	13	7	3.9	-	3.76	-	4	2
	21-end	52.2	-	5	5	12.1	6.7	9.4	-	1.4	23	0	50	6	-0.5	24	1	7.8	-	1.21	-	6	3
	Month	109.9	123	16	15	10.1	3.6	6.8	+0.5	-3.7	13	5	85	9	-6.4	13	10	6.4	+0.4	2.55	127	5	9
Campile (Ballysop) Co. Wexford	1-10	28.3	/	8	6	11.6	5.1	8.3	/	1.8	10	0	40	3	-6.8	10	6	/	/	2.79	/	NA	/
	11-20	23.5	/	6	5	NA	1.3	-	/	-2.4	11	4	NA	NA	-10.1	13	8	/	/	3.67	/	NA	/
	21-end	16.5	/	7	4	11.9	7.7	9.8	/	1.0	24	0	54	6	-6.1	24	1	/	/	0.89	/	NA	/
	Month	68.3	/	21	15	-	4.7	-	/	-2.4	11	4	-	-	-10.1	13	15	/	/	2.45	/	NA	/
Clonroche Co. Wexford	1-10	37.0	/	8	6	11.4	4.1	7.8	/	-0.6	10	1	34	1	-4.6	10	5	/	/	2.90	/	3	/
	11-20	27.8	/	6	6	8.3	0.9	4.6	/	-3.0	13	3	9	0	-8.5	13	8	/	/	3.32	/	2	/
	21-end	25.3	/	6	5	11.8	7.3	9.5	/	-0.8	24	1	50	5	-6.9	24	2	/	/	0.96	/	4	/
	Month	90.1	/	20	17	10.5	4.1	7.3	/	-3.0	13	5	93	6	-8.5	13	15	/	/	2.39	/	3	/
Johnstown Castle Co. Wexford	1-10	37.6	-	7	6	11.7	5.3	8.5	/	0.3	10	0	41	2	-1.3	09	3	/	/	2.47	/	5	/
	11-20	28.9	-	7	5	8.8	2.5	5.7	/	-0.1	13	1	15	0	-5.1	13	7	/	/	3.86	/	4	/
	21-end	19.3	-	5	3	12.0	8.0	10.0	/	2.9	24	0	56	7	-3.3	24	1	/	/	1.00	/	6	/
	Month	85.8	77	19	14	10.8	5.3	8.1	/	-0.1	13	1	112	9	-5.1	13	11	/	/	2.44	/	5	/
Rosslare e Co. Wexford	1-10	31.2	-	6	4	11.9	6.7	9.3	-	1.5	10	0	50	8	-1.5	10	1	8.7	-	3.19	-	6	6
	11-20	24.7	-	5	5	9.5	3.6	6.5	-	0.1	15	0	23	0	-2.4	15	5	5.6	-	3.89	-	5	5
	21-end	15.5	-	6	5	12.3	8.7	10.5	-	3.5	24	0	61	11	-1.9	24	1	9.6	-	1.03	-	7	4
	Month	71.4	69	17	14	11.2	6.3	8.8	+0.2	0.1	15	0	134	19	-2.4	15	7	8.0	+0.2	2.70	109	6	15

Notes on the tables in January issue

TABLE 2

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

November, 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		-5	-	0	39
	11-20		-5	-	0	17
	21-end	-	1	-	0	27
	Month		-9	-	-	-
Kinsealy* Co. Dublin	1-10	3624	7	-	0	12
	11-20	3290	-3	-	0	13
	21-end	2077	6	-	0	22
	Month	8991	10	-	-	-
Cahirciveen e (Valentia Obsy.) Co. Kerry	1-10	3666	5	-	0	59
	11-20	2975	0	-	0	59
	21-end	1413	-1	-	0	53
	Month	8054	4	-	-	-
Kilkenny e Co. Kilkenny	1-10	4518				
	11-20	3829	-	-	-	-
	21-end	2208				
	Month	10555				
Ballinamore Co. Leitrim	1-10		-2	-	0	76
	11-20		1	-	0	38
	21-end	-	1	-	0	11
	Month		0	-	-	-
Glenamoy/ Co. Mayo	1-10					
	11-20					
	21-end					
	Month					
Birr e Co. Offaly	1-10	3946				
	11-20	3471				
	21-end	2176	-	-	-	-
	Month	9593				
Johnstown Castle Co. Wexford	1-10		5	-	0	32
	11-20		7	-	0	22
	21-end	-	2	-	0	18
	Month		14	-	-	-

*, /, See notes in January issue.