

METEOROLOGICAL SERVICE



AGROMETEOROLOGICAL BULLETIN

FEBRUARY 1981

The Weather of February

Following dry conditions at the end of January and on the 1st of February, the weather turned wet and windy on the 2nd followed by a showery northwesterly airflow on the 3rd and 4th. From the 5th to the 8th a strong and gusty southwesterly airflow prevailed. This spell was mild and air temperatures were well up to or above average. Outbreaks of rain occurred on most days and in particular the 8th became very wet everywhere apart from the extreme north.

A northwesterly airflow, with hail or sleet showers and severe night ground frost occurred on the 9th and 10th. Winds backed southwesterly on the 11th and the weather became wet and windy on the 11th and 12th, particularly in western regions.

Ridge conditions prevailed for the most part between the 13th and 20th. Winds were light southerly at first but became southeasterly on the 17th. Both ground and air frost occurred frequently in this spell, ground frost being widespread and severe on most nights.

Active frontal rainbelts affected the country from the 21st to 23rd and there was heavy rain in most places on the 21st and 22nd. Winds varied between southeast and northeast and some sleet or snow also occurred in this spell. The 24th was dry but for the remainder of the month a strong and gusty airflow prevailed with spells of drizzle or rain in all areas, occasionally turning to sleet.

Monthly Amounts of Precipitation were near or slightly above normal in most areas but well above normal in the southwest and parts of the south midlands. Amounts ranged from 85% of normal at Clones to 153% of normal at Cahirciveen. Falls in excess of 20 mm occurred in many places on the 2nd and further heavy falls occurred on the 8th and 12th, especially in western and mid western regions.

Mean Monthly Air Temperature was about normal or above in most western and southern regions, and below normal in the east and north. Values varied from 0.6°C above normal at Shannon Airport to 0.6°C below normal at Malin Head. In the first 12 days soil temperatures (100 mm) exceeded 6°C everywhere but with the onset of a cold spell on the 13th temperatures fell to below normal for the first time this year and values at many inland stations gradually fell to 3.5°C. Monthly values varied from 1.4°C above average at Cahirciveen to 0.1°C below average at Malin Head. Air frost occurred frequently between 10th and 24th and severe ground frost occurred on a number of nights.

Mean Duration of Bright Sunshine was below normal everywhere and well below normal in the southeast. It ranged from 75% to 90% of normal at most places but was only 58% of normal at Rosslare.

Gale Gusts were widespread from the 1st to the 7th, 11th and 12th, and from the 26th to 28th.

Summary. The month was rather dull almost everywhere and very dull in the southeast. Rainfall was near normal in most places but well above normal in the southwest and parts of the southmidlands. The weather was mild up to the 12th but then became cold.

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

February, 1981

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C													BRIGHT SUNSHINE		WIND		
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAYS	MEAN MAX.	MEAN MIN.	AIR						GROUND		SOIL (10 CM)		MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (MS ⁻¹)	DAYS WITH GALE GUSTS		
								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	
Carlow (Oak Park) Co. Carlow	1-10	44.9	/	5	4	8.9	3.3	6.1	/	-1.5	10	2	25	0	-4.3	10	2	/	/	2.69	/	5	/
	11-20	8.1	/	4	3	7.7	0.2	4.0	/	-2.4	14	5	2	0	-5.5	19	7	/	/	2.43	/	3	/
	21-end	33.1	/	6	5	5.9	1.1	3.5	/	-0.5	22	1	0	0	-1.7	22	4	/	/	0.81	/	6	/
	Month	86.1	/	15	12	7.6	1.6	4.6	/	-2.4	14	8	27	0	-5.5	19	13	/	/	2.06	/	5	/
Shannon Airport Co. Clare	1-10	51.5	-	7	5	10.4	5.3	7.9	-	1.1	10	0	35	3	-4.2	10	2	6.9	-	2.20	-	6	6
	11-20	10.6	-	3	2	7.9	2.4	5.2	-	-0.4	11	4	11	0	-6.6	11	4	4.5	-	1.71	-	5	0
	21-end	20.0	-	5	3	7.4	2.3	4.9	-	-1.8	24	1	8	0	-7.4	24	6	4.3	-	1.86	-	7	3
	Month	82.1	130	15	10	8.7	3.4	6.1	+0.6	-1.8	24	5	54	3	-7.4	24	12	5.3	+0.3	1.93	76	6	9
Fermoy (Moore Park) Co. Cork	1-10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	11-20	/	/	/	/	/	NOT AVAILABLE	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	21-end	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Month	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Mallow Co. Cork	1-10	36.9	-	6	4	10.1	4.7	7.4	/	-1.4	10	1	38	0	-3.2	10	1	/	/	1.98	/	/	/
	11-20	18.8	-	6	4	7.9	0.4	4.2	/	-5.9	20	3	5	0	-6.7	20	4	/	/	1.17	/	/	/
	21-end	44.4	-	6	6	7.7	-0.1	3.4	/	-5.8	24	3	0	0	-6.5	24	6	/	/	1.95	/	/	/
	Month	100.1	118	18	14	8.6	1.8	5.2	/	-5.9	20	7	43	0	-6.7	20	11	/	/	1.68	/	/	/
Roche's Point Co. Cork	1-10	36.0	-	3	3	10.2	6.1	3.2	-	2.0	09	0	37	2	-0.4	10	1	7.8	-	2.35	-	7	7
	11-20	4.6	-	4	2	7.9	4.1	6.0	-	-0.9	11	2	18	0	-4.0	11	2	5.9	-	1.65	-	6	4
	21-end	26.4	-	7	6	7.8	3.3	5.6	-	-0.3	24	1	11	0	-3.7	24	4	5.6	-	2.93	-	7	6
	Month	67.0	105	14	11	8.7	4.6	6.7	+0.3	-0.9	11	3	66	2	-4.0	11	7	6.5	+0.6	2.26	88	7	17
Glencolumbkille Co. Donegal	1-10	49.8	/	10	8	8.8	4.7	6.8	/	0.0	10	0	26	0	-5.0	10	4	/	/	1.28	/	5	/
	11-20	26.2	/	5	5	7.0	2.1	4.6	/	0.0	16	0	5	0	-6.5	16	8	/	/	2.55	/	5	/
	21-end	25.5	/	6	3	6.2	1.1	3.7	/	-2.0	23	1	1	0	-7.2	23	8	/	/	3.51	/	6	/
	Month	101.5	/	21	16	7.4	2.8	5.1	/	-2.0	23	1	32	0	-7.2	23	20	/	/	2.37	/	5	/
Glenties Co. Donegal	1-10	53.6	-	10	9	9.0	3.6	6.3	/	-2.3	10	2	26	0	-5.7	10	2	/	/	0.99	/	/	/
	11-20	29.2	-	5	5	6.8	0.3	3.6	/	-3.7	16	5	3	0	-8.5	16	5	/	/	1.95	/	/	/
	21-end	12.7	-	6	5	5.9	0.4	3.2	/	-2.3	23	3	1	0	-7.0	23	5	/	/	2.86	/	/	/
	Month	95.5	89	21	19	7.3	1.5	4.4	/	-3.7	16	10	30	0	-8.5	16	12	/	/	1.87	/	/	/

Notes on the tables in January issue

TABLE 1 (Continued)

February, 1981

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	AIR DIFFERENCE FROM AVERAGE	LOWEST MIN.	DATE	DAYS WITH AIR FROST	DEGREE DAYS ABOVE 4.0°C	DEGREE DAYS ABOVE 10.0°C	LOWEST *GRASS-FLE.*	DATE	DAYS WITH GROUND FROST	MEAN DAILY	DIFFERENCE FROM AVERAGE				
Malin Head ^e Co. Donegal	1-10	46.3	-	10	8	8.8	4.7	6.7	-	1.0	10	0	25	0	-1.4	10	3	6.2	-	0.95	-	7	9
	11-20	6.3	-	3	1	6.6	1.3	4.0	-	-0.7	16	4	4	0	-4.2	14	8	3.4	-	2.99	-	6	6
	21-end	20.9	-	3	3	5.4	1.4	3.4	-	0.2	23	0	1	0	-2.9	28	4	3.2	-	2.03	-	8	7
	Month	73.5	99	16	12	7.0	2.5	4.8	-0.6	-0.7	16	4	30	0	-4.2	14	15	4.3	-0.1	1.99	89	7	22
Casement Aerodrome Co. Dublin	1-10	27.2	-	6	5	9.6	3.2	6.4	-	-1.9	10	2	25	0	-4.8	10	5	5.6	-	2.37	-	8	5
	11-20	0.8	-	1	0	6.7	0.6	3.7	-	-3.3	14	5	5	0	-7.6	14	7	3.3	-	2.61	-	5	3
	21-end	21.8	-	5	4	6.1	0.7	3.4	-	-1.6	22	3	2	0	-7.6	21	5	2.9	-	1.63	-	6	4
	Month	49.8	94	12	9	7.6	1.6	4.6	-0.1	-3.3	14	10	32	0	-7.6	21	17	4.0	-	2.24	78	6	12
Dublin Airport ^e Co. Dublin	1-10	27.3	-	5	4	9.7	3.9	6.8	-	-0.3	10	1	27	1	-2.5	01	4	6.0	-	2.82	-	7	4
	11-20	1.3	-	2	1	6.7	1.6	4.2	-	-1.6	11	2	6	0	-7.0	14	6	3.9	-	2.67	-	4	1
	21-end	22.1	-	5	4	5.5	1.8	3.7	-	0.1	22	0	1	0	-4.5	22	5	3.5	-	1.10	-	6	3
	Month	50.7	104	12	9	7.4	2.5	5.0	-0.1	-1.6	11	3	34	1	-7.0	14	15	4.5	+0.2	2.28	85	6	8
Kinsealy Co. Dublin	1-10	26.7	-	5	3	9.6	3.4	6.5	/	-0.3	10	1	27	0	-2.6	10	4	/	/	2.61	/	5	/
	11-20	2.2	-	2	1	7.3	1.4	4.4	/	-2.8	14	2	7	0	-8.0	14	6	/	/	2.45	/	4	/
	21-end	26.9	-	4	4	5.9	1.6	3.8	/	-1.4	22	2	2	0	-6.9	22	3	/	/	1.09	/	6	/
	Month	55.8	119	11	8	7.7	2.2	5.0	/	-2.8	14	5	36	0	-8.0	14	13	/	/	2.12	/	5	/
Galway Co. Galway	1-10	35.1	-	6	5	9.7	5.0	7.3	-	1.0	10	0	30	0	-3.5	10	2	7.1	-	2.04	-	6	7
	11-20	10.2	-	3	3	7.4	1.7	4.5	-	-1.9	16	4	7	0	-6.0	16	6	4.5	-	2.22	-	5	0
	21-end	28.1	-	5	3	7.0	1.6	4.3	-	-3.2	24	2	6	0	-6.2	24	5	4.3	-	2.32	-	7	3
	Month	73.4	98	14	11	8.1	2.8	5.5	+0.0	-3.2	24	6	43	0	-6.2	24	13	5.4	-	2.13	89	6	10
Killarney (Muokroes Hse) Co. Kerry	1-10	96.0	/	7	5	10.4	6.0	8.2	/	0.5	10	0	38	3	-3.2	10	2	/	/	1.76	/	/	/
	11-20	61.8	/	6	5	8.2	2.1	5.2	/	-2.5	11	2	11	0	-6.0	20	4	/	/	1.63	/	/	/
	21-end	62.0	/	7	7	7.1	1.3	4.2	/	-2.8	24	2	5	0	-6.6	24	6	/	/	1.83	/	/	/
	Month	219.8	/	20	17	8.7	3.3	6.0	/	-2.8	24	4	54	3	-6.6	24	12	/	/	1.73	/	/	/
Cahirciveen ^e (Valentia Obsy.) Co. Kerry	1-10	40.5	-	7	5	10.7	6.4	8.6	-	0.4	10	0	42	3	1.4	10	0	8.4	-	1.54	-	8	6
	11-20	74.5	-	8	7	9.1	3.6	6.3	-	-1.8	11	1	20	0	-3.0	11	3	7.7	-	1.46	-	6	4
	21-end	52.9	-	8	7	8.8	3.6	6.2	-	-1.6	24	1	16	0	-3.2	24	2	6.2	-	2.80	-	8	7
	Month	167.9	153	23	19	9.6	4.6	7.1	+0.3	-1.8	11	2	78	3	-3.2	24	5	7.5	+1.4	1.87	76	7	17

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 (M.P.H.)	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			
Tralee Lisdara Co. Kerry	1-10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	11-20	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	21-end	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Month	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Bullymore Co. Kildare	1-10	34.9	-	6	4	8.8	2.5	5.7	/	-2.7	10	1	21	0	-8.0	10	4	/	/	/	/	2.05	-	6	/	/
	11-20	4.3	-	4	1	6.8	-0.5	3.2	/	-3.2	11	7	2	0	-9.2	11	9	/	/	/	/	2.27	-	5	/	/
	21-end	14.3	-	6	5	5.8	0.3	3.1	/	-2.0	24	3	2	0	-5.7	24	7	/	/	/	/	0.81	-	4	/	/
	Month	53.5	101	16	10	7.2	0.8	4.0	/	-3.2	11	11	25	0	-9.2	11	20	/	/	/	/	1.78	-	5	/	/
Kilkenny Co. Kilkenny	1-10	37.8	-	5	3	10.1	3.8	6.9	/	-2.8	01	2	29	1	-6.8	10	3	6.3	-	/	/	2.63	-	5	3	/
	11-20	4.2	-	4	3	7.0	0.3	3.6	/	-4.2	11	4	5	0	-10.2	19	9	3.9	-	/	/	2.16	-	3	1	/
	21-end	34.6	-	6	5	6.2	1.5	3.8	/	-0.9	22	1	0	0	-7.4	22	5	3.8	-	/	/	0.63	-	5	2	/
	Month	76.6	134	15	11	7.9	1.9	4.9	+0.0	-4.2	11	7	34	1	-10.2	19	17	4.8	+0.4	/	/	1.89	72	4	6	/
Mooncoin (Silverspring) Co. Kilkenny	1-10	26.3	-	5	3	10.6	4.7	7.7	/	-1.1	10	1	34	2	-5.7	10	3	/	/	/	/	2.52	-	/	/	/
	11-20	12.9	-	4	4	7.2	1.1	4.2	/	-4.4	11	3	5	0	-8.0	11	8	/	/	/	/	1.09	-	/	/	/
	21-end	44.3	-	7	6	6.9	1.8	4.4	/	-2.0	22	1	4	0	-5.6	22	3	/	/	/	/	0.69	-	/	/	/
	Month	83.5	119	16	13	8.3	2.6	5.5	/	-4.4	11	5	43	2	-8.0	11	14	/	/	/	/	1.49	-	/	/	/
Ballinamore Co. Leitrim	1-10	46.3	-	9	6	9.7	3.7	6.7	/	-0.9	10	1	26	0	-2.1	10	2	/	/	/	/	1.90	-	4	/	/
	11-20	19.3	-	4	3	7.2	-1.4	2.9	/	-5.2	20	7	0	0	-6.1	20	9	/	/	/	/	2.25	-	3	/	/
	21-end	20.6	-	8	4	5.7	-0.6	2.6	/	-2.4	24	5	0	0	-4.0	24	8	/	/	/	/	1.15	-	6	/	/
	Month	86.2	95	21	13	7.7	0.7	4.2	/	-5.2	20	13	26	0	-6.1	20	19	/	/	/	/	1.81	-	4	/	/
Ardee (Boharnamoe) Co. Louth	1-10	21.5	/	6	6	9.2	3.0	6.1	/	-1.9	10	1	28	0	-4.6	10	2	/	/	/	/	/	/	/	/	/
	11-20	3.9	/	3	2	7.2	0.4	3.8	/	-3.4	14	2	5	0	-9.6	14	6	/	/	/	/	/	/	/	/	/
	21-end	36.8	/	8	7	7.1	0.7	3.9	/	-1.9	22	2	3	0	-6.7	21	7	/	/	/	/	/	/	/	/	/
	Month	62.2	/	17	15	7.9	1.4	4.7	/	-3.4	14	5	36	0	-9.6	14	15	/	/	/	/	/	/	/	/	/
Ballinrobe (Creagh) Co. Mayo	1-10	60.7	-	7	5	9.9	3.9	6.9	/	-1.6	10	1	32	0	-5.6	10	3	/	/	/	/	1.79	-	/	/	/
	11-20	22.8	-	6	4	7.4	-0.9	3.2	/	-5.5	16	7	2	0	-7.8	16	8	/	/	/	/	1.57	-	/	/	/
	21-end	31.6	-	6	6	7.6	-0.9	3.4	/	-5.2	24	5	1	0	-8.5	24	6	/	/	/	/	2.74	-	/	/	/
	Month	115.1	126	19	15	8.3	0.9	4.6	/	-5.5	16	13	35	0	-8.5	24	17	/	/	/	/	1.98	-	/	/	/

Notes on the tables in January issue

TABLE 1 (Continued)

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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 Co. Mayo	1-10	39.0	-	8	6	9.7	5.4	7.6	-	1.2	10	0	32	1	-3.6	10	2	7.5	-	1.67	-	8	6
	11-20	17.3	-	5	4	8.0	2.6	5.3	-	-2.5	16	1	11	0	-6.9	16	4	6.0	-	2.23	-	7	4
	21-end	13.3	-	6	4	8.0	1.9	4.9	-	-0.6	24	3	7	0	-3.5	24	3	5.6	-	3.64	-	8	3
	Month	69.6	92	19	14	8.6	3.4	6.0	+0.0	-2.5	16	4	50	1	-6.9	16	9	6.4	+1.1	2.43	96	8	13
Claremorris Co. Mayo	1-10	39.7	-	8	6	9.7	4.1	6.9	-	-1.1	10	1	27	0	-4.5	10	3	6.6	-	1.67	-	6	7
	11-20	18.7	-	5	4	6.8	0.4	3.6	-	-3.6	16	4	3	0	-6.2	16	6	4.0	-	2.05	-	4	1
	21-end	21.4	-	7	5	6.4	0.5	3.5	-	-3.6	24	2	2	0	-7.5	24	6	3.7	-	2.38	-	6	2
	Month	79.8	105	20	15	7.7	1.8	4.8	+0.0	-3.6	24	7	32	0	-7.5	24	15	4.9	+0.9	2.01	83	5	10
Glenamoy Co. Mayo	1-10	52.7	-	10	9	9.6	4.7	7.2	/	-1.2	10	1	36	0	-2.9	10	2	/	/	1.45	/	/	/
	11-20	14.3	-	5	4	7.7	1.3	4.5	/	-5.7	16	2	6	0	-6.1	16	3	/	/	2.50	/	/	/
	21-end	21.0	-	7	5	7.3	0.5	3.9	/	-2.3	24	4	2	0	-4.5	24	6	/	/	3.51	/	/	/
	Month	88.0	90	22	18	8.3	2.1	5.2	/	-5.7	16	7	44	0	-6.1	16	11	/	/	2.41	/	/	/
Dunsany (Grange) Co. Meath	1-10	27.2	-	6	4	9.1	2.9	6.0	/	-3.1	10	1	24	0	-10.0	10	4	/	/	2.20	/	/	/
	11-20	2.9	-	4	1	6.4	-1.0	2.7	/	-3.4	11	4	3	0	-9.4	11	9	/	/	2.51	/	/	/
	21-end	16.5	-	7	5	5.6	1.5	3.6	/	-1.5	24	2	2	0	-6.5	24	8	/	/	1.39	/	/	/
	Month	46.6	83	17	10	7.1	1.0	4.1	/	-3.4	11	7	29	0	-10.0	10	21	/	/	2.08	/	/	/
Clones Co. Monaghan	1-10	32.1	-	8	4	9.4	3.8	6.6	-	-0.7	10	1	26	0	-2.9	10	1	6.0	-	1.84	-	6	6
	11-20	1.6	-	2	0	6.5	0.3	3.4	-	-2.4	11	5	3	0	-7.2	16	7	3.7	-	2.42	-	5	2
	21-end	20.0	-	8	5	5.3	0.5	2.9	-	-2.1	24	2	1	0	-4.3	24	5	3.5	-	1.54	-	7	3
	Month	53.7	85	18	9	7.2	1.6	4.4	+0.1	-2.4	11	8	30	0	-7.2	16	13	4.5	+0.8	1.96	85	6	11
Birr Co. Offaly	1-10	39.6	-	6	4	10.0	3.9	6.9	-	-1.6	10	1	28	2	-5.3	10	4	6.4	-	2.45	-	5	4
	11-20	5.6	-	2	1	7.2	0.3	3.7	-	-5.2	20	6	5	0	-9.5	20	7	3.7	-	2.70	-	3	1
	21-end	13.0	-	7	3	6.3	1.3	3.8	-	-3.3	24	1	2	0	-7.7	24	5	3.7	-	1.81	-	6	3
	Month	58.2	110	15	8	7.9	1.9	4.9	+0.0	-5.2	20	8	35	2	-9.5	20	16	4.7	+0.4	2.36	89	5	8
Thurles Co. Tipperary	1-10		-																				
	11-20		-																				
	21-end		-																				
	Month																						

Notes on the tables in January issue

TABLE 1 (Continued)

February, 1981

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C													BRIGHT SUNSHINE		WIND		
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAYS	MEAN MAX.	MEAN MIN.	AIR					GROUND			SOIL (10 CM)		MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (ms ⁻¹)	DAYS WITH GALE GUSTS		
								MEAN DAILY	AND DIFFERENCE FROM AVERAGE	LOWEST MIN.	DATE	DAYS WITH AIR FROST	DEGREE DAYS ABOVE 4.0°C	DEGREE DAYS BELOW 10.0°C	LOWEST "GRASS-MIN."	DATE	DAYS WITH GROUND FROST					MEAN DAILY	DIFFERENCE FROM AVERAGE
Dunbarvan (Ballygagin) Co. Waterford	1-10	31.5	-	5	4	10.4	5.7	8.1	/	0.1	10	0	19	0	-4.9	10	2	/	/	2.45	/	3	/
	11-20	20.5	-	5	5	7.8	2.6	5.2	/	-2.7	11	2	6	0	-7.5	11	6	/	/	0.86	/	3	/
	21-end	51.5	-	7	6	7.3	1.9	4.6	/	0.2	24	0	2	0	-3.9	22	5	/	/	1.74	/	4	/
	Month	103.5	131	17	15	8.6	3.5	6.1	/	-2.7	11	2	27	0	-7.5	11	13	/	/	1.68	/	3	/
Mullingar e Co. Westmeath	1-10	35.3	-	6	5	9.5	3.3	6.4	-	-1.1	10	2	25	0	-4.4	10	4	6.0	-	2.04	-	6	5
	11-20	4.7	-	2	2	6.5	-0.2	3.1	-	-3.3	14	6	3	0	-6.8	14	9	3.1	-	2.81	-	4	1
	21-end	23.5	-	6	5	5.2	0.1	2.7	-	-2.5	24	3	1	0	-5.7	24	7	2.7	-	0.90	-	6	2
	Month	63.5	102	14	12	7.2	1.1	4.2	-0.3	-3.3	14	11	29	0	-6.8	14	20	4.0	+0.1	1.99	77	5	8
Campile (Ballysoy) Co. Wexford	1-10	29.4	-	5	3	9.6	4.7	7.2	/	-1.2	10	1	37	0	-6.9	10	4	/	/	2.22	/	/	/
	11-20	5.6	-	3	3	6.8	1.4	4.1	/	-2.4	11	2	4	0	-8.6	11	9	/	/	1.57	/	/	/
	21-end	37.3	-	7	5	6.6	2.0	4.3	/	-0.5	22	1	2	0	-5.5	22	6	/	/	0.46	/	/	/
	Month	72.3	98	15	11	7.8	2.7	5.3	/	-2.4	11	4	43	0	-8.6	11	19	/	/	1.48	/	/	/
Clonroche Co. Wexford	1-10	41.8	-	5	3	8.7	4.2	6.5	/	-0.6	10	1	21	0	-6.6	10	3	/	/	2.28	/	4	/
	11-20	13.3	-	4	4	6.2	0.7	3.5	/	-2.0	19	2	2	0	-9.3	19	7	/	/	1.39	/	3	/
	21-end	59.7	-	7	4	6.1	1.1	3.6	/	-1.4	22	1	0	0	-7.0	22	6	/	/	0.64	/	6	/
	Month	114.8	137	16	11	7.1	2.1	4.6	/	-2.0	19	4	23	0	-9.3	19	16	/	/	1.49	/	4	/
Johnstown Castle Co. Wexford	1-10	39.3	-	5	4	9.3	4.5	6.9	/	-1.1	10	1	27	0	-7.6	10	3	/	/	2.15	/	5	/
	11-20	3.2	-	4	2	6.8	1.9	4.4	/	-1.8	11	1	5	0	-8.9	11	8	/	/	1.15	/	4	/
	21-end	35.8	-	6	4	6.7	1.1	3.9	/	-1.5	28	2	1	0	-7.2	22	8	/	/	0.73	/	5	/
	Month	78.3	112	15	10	7.7	2.6	5.7	/	-1.8	11	4	33	0	-8.9	11	19	/	/	1.39	/	5	/
Rosslare e Co. Wexford	1-10	31.3	-	4	3	9.3	5.3	7.3	-	1.0	10	0	30	0	-2.6	10	2	6.9	-	2.35	-	6	5
	11-20	3.1	-	3	1	7.0	3.7	5.3	-	-0.3	11	1	11	0	-4.8	11	6	4.8	-	1.42	-	5	1
	21-end	24.8	-	4	4	7.0	3.2	5.1	-	1.1	22	0	7	0	-3.5	22	4	4.6	-	0.86	-	7	3
	Month	59.2	100	11	8	7.8	4.1	6.0	+0.0	-0.3	11	1	48	0	-4.8	11	12	5.5	+0.0	1.59	58	6	9

Notes on the tables in January issue

TABLE 2

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

February, 1981

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		12	-	0	33
	11-20		4	-	0	4
	21-end	-	10	-	0	23
	Month		26	-	-	-
Kinsealy* Co. Dublin	1-10	3562	15	-	0	21
	11-20	3885	9	7	7	-
	21-end	2577	10	-	0	17
	Month	10024	34	-	-	-
Cahirciveen e (Valentia Obsy.) Co. Kerry	1-10	3349	4	-	0	36
	11-20	3967	8	-	0	41
	21-end	4898	9	-	0	52
	Month	12214	21	-	-	-
Kilkenny e Co. Kilkenny	1-10	4442				
	11-20	4563				
	21-end	2711	-	-	-	-
	Month	11716				
Ballinamore Co. Leitrim	1-10		1	-	0	6
	11-20		1	-	0	14
	21-end	-	5	-	0	11
	Month		7	-	-	-
Glenamoy ^h Co. Mayo	1-10		5	-	0	48
	11-20		9	-	0	5
	21-end	-	8	-	0	13
	Month		22	-	-	-
Birr e Co. Offaly	1-10	3887				
	11-20	4563				
	21-end	4152	-	-	-	-
	Month	12602				
Johnstown Castle Co. Wexford	1-10		12	-	0	28
	11-20		NA	NA	NA	NA
	21-end	-	14	-	0	5
	Month		-	-	-	-

* , ^h, See notes in January issue.