

# METEOROLOGICAL SERVICE



15 JAN 1982

## AGROMETEOROLOGICAL BULLETIN

FEBRUARY 1982

### The Weather of February

From the 1st to 6th a mild southwesterly airflow dominated, which was strong and gusty. There were frequent spells of rain in this period, which were prolonged and heavy in the southwest. A showery trough on the 7th - some of the showers were of hail and with thunder - was followed by overnight frost. During the 8th there was a return to a strong and gusty southwesterly airflow and the weather to the 13th became changeable, there being frequent spells of heavy rain or wintry showers in most places.

Ridge conditions prevailed from the 14th to 16th. This spell was dry and cold and there was slight airfrost and sharp to severe ground frost at night. A southwesterly airflow set in on the 17th but the flow became strong southerly on the 19th with the onset of frontal troughs. The weather on the 20th and 21st was wet everywhere, especially in the south and west.

A period of widespread sharp air frost and sharp to severe ground frost on the 22nd and 23rd was occasioned by further ridge conditions with clear skies at night. Fog was widespread in this period. A strong southerly airflow developed on the 24th however, and all areas experienced spells of heavy rain. Subsequently the weather became changeable, there were frequent southwest to west winds with outbreaks of rain, heavy for a spell, especially on the 28th when showers became thundery.

Monthly Amounts of Precipitation were above to well above normal in all areas apart from the east and parts of the north, where amounts were below normal. Values varied from 214 per cent of normal at Cahirciveen to 50 per cent of normal at Dublin Airport. Wet days were most frequent in the first decade.

Mean Monthly Air Temperature was above normal everywhere. Values varied from 1.6°C above normal at Shannon Airport to 0.2°C above normal at Malin Head. Soil temperature (100mm) varied from 1.5°C above normal at Roche's Point to 0.5°C above normal at Malin Head. Soil temperatures were not however adequate for sustained grass growth, apart from during the first week.

Mean Duration of Bright Sunshine varied about the normal but was generally below normal in the east and southeast. Values ranged from 114 per cent of normal at Galway to 77 per cent at Kilkenny. The first decade was dullest and the last decade was brightest.

Strong Winds and Gale Gusts occurred almost daily in the periods 1st to 6th, 8th to 13th, 19th to 21st, and on the 24th and 28th.

Summary The weather was mild and wet, except in the east and in parts of the north. Sunshine was near normal and the month was frequently windy.

\* Note A map showing the Median date for the beginning of the grass growing season is reproduced on page 8 of this bulletin.

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 1982

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 <sup>-1</sup> )	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
Carlow (Oak Park) Co. Carlow	1-10	19.4	/	9	8	10.2	5.2	7.7	/	-0.4	08	1	33	0	-4.5	08	2	/	/	1.19	/	/	/
	11-20	12.5	/	5	4	7.0	1.4	4.2	/	-2.2	14	2	6	0	-4.2	15	7	/	/	2.39	/	/	/
	21-end	21.2	/	4	4	9.9	1.7	5.8	/	-3.6	23	2	15	0	-6.7	23	4	/	/	2.39	/	/	/
	Month	53.1	/	18	16	9.0	2.9	6.0	/	-3.6	23	5	54	0	-6.7	23	13	/	/	2.10	/	/	/
Shannon Airport Co. Clare	1-10	34.5	-	9	8	10.5	5.6	8.1	-	1.5	08	0	37	0	-1.3	08	2	7.0	-	1.69	-	7	7
	11-20	16.1	-	5	4	8.8	2.8	5.8	-	-0.4	14	1	16	0	-4.9	14	5	4.9	-	2.86	-	7	5
	21-end	34.8	-	7	4	11.0	3.8	7.4	-	-1.4	22	2	24	1	-6.2	22	2	6.4	-	3.29	-	5	5
	Month	85.4	136	21	16	10.0	4.1	7.1	+1.6	-1.4	22	3	77	1	-6.2	22	9	6.1	+1.1	2.56	101	6	17
Fermoy (Moore Park) Co. Cork	1-10	34.0	-	9	7	10.8	5.4	8.1	/	-1.6	08	2	37	0	-7.4	08	3	/	/	1.35	/	4	/
	11-20	60.8	-	6	4	8.6	1.4	5.0	/	-5.0	14	1	10	0	-11.1	14	7	/	/	1.95	/	4	/
	21-end	25.4	-	7	4	11.4	2.1	6.8	/	-4.5	23	3	22	2	-11.8	23	8	/	/	4.06	/	3	/
	Month	120.2	169	22	15	10.2	3.0	6.6	/	-5.0	14	6	69	2	-11.8	23	18	/	/	2.34	/	4	/
Mallow Co. Cork	1-10	51.1	-	10	9	11.0	5.2	8.1	/	-1.0	08	1	37	0	-3.0	07	3	/	/	1.45	/	/	/
	11-20	93.7	-	5	5	8.4	1.3	4.9	/	-4.0	14	3	14	0	-4.5	16	7	/	/	1.64	/	/	/
	21-end	33.7	-	7	4	11.4	1.7	6.6	/	-4.2	23	4	18	2	-7.2	23	5	/	/	4.25	/	/	/
	Month	178.5	210	22	18	10.2	2.8	6.5	/	-4.2	23	8	69	2	-7.2	23	15	/	/	2.32	/	/	/
Roche's Point Co. Cork	1-10	30.0	-	8	8	10.3	6.9	8.6	-	2.9	08	0	42	0	-0.2	08	1	8.2	-	1.76	-	8	8
	11-20	56.8	-	5	4	8.7	4.6	6.7	-	0.6	14	0	23	0	-3.6	14	2	6.5	-	1.94	-	8	5
	21-end	34.2	-	6	6	10.6	5.1	7.9	-	1.8	23	0	28	1	-1.3	23	1	7.6	-	4.57	-	5	3
	Month	121.0	189	19	18	9.8	5.6	7.7	+1.3	0.6	14	0	93	1	-3.6	14	4	7.4	+1.5	2.63	102	7	16
Glencolumbkille Co. Donegal	1-10	35.0	/	9	9	9.3	5.3	7.3	/	1.2	08	0	29	0	-3.6	08	3	/	/	1.66	/	5	/
	11-20	37.3	/	7	5	7.2	2.4	4.8	/	1.2	17	0	14	0	-3.4	17	8	/	/	2.27	/	6	/
	21-end	49.6	/	3	7	9.7	3.2	6.5	/	1.7	25	0	15	0	-4.0	22	6	/	/	2.93	/	7	/
	Month	121.9	/	24	21	8.7	3.7	6.2	/	1.2	17	0	58	0	-4.0	22	17	/	/	2.24	/	6	/
Glenties Co. Donegal	1-10	52.7	-	9	8	9.0	4.1	5.6	/	-2.1	08	1	22	0	-5.6	08	6	/	/	0.95	/	/	/
	11-20	45.7	-	4	4	7.1	2.3	4.7	/	-2.1	14	1	8	0	-6.0	13	6	/	/	2.10	/	/	/
	21-end	77.4	-	8	7	9.3	1.7	5.5	/	-2.6	23	3	14	0	-6.7	22	7	/	/	2.89	/	/	/
	Month	175.8	164	21	19	8.4	2.8	5.6	/	-2.6	23	5	44	0	-6.7	22	19	/	/	1.91	/	/	/

Notes on the tables in January issue

TABLE 1 (Continued)

February 1982

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 <sup>-1</sup> )	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
Malin Head e Co. Donegal	1-10	22.6	-	8	7	9.0	3.9	6.5	-	0.9	08	0	21	0	-1.6	08	1	5.8	-	1.22	-	9	9
	11-20	13.8	-	6	4	7.5	1.5	4.5	-	0.4	16	0	6	0	-3.9	17	5	3.8	-	2.82	-	9	7
	21-end	31.5	-	6	4	9.2	3.6	6.4	-	1.2	22	0	17	0	-1.0	22	1	5.2	-	3.50	-	8	6
	Month	67.9	92	20	15	8.5	3.0	5.8	+0.2	0.4	16	0	44	0	-3.9	17	7	4.9	+0.5	2.44	110	9	22
Casement Aerodrome Co. Dublin	1-10	13.0	-	7	5	10.7	5.1	7.9	-	0.9	08	0	35	0	-1.5	08	1	6.5	-	1.86	-	9	10
	11-20	3.1	-	2	2	7.8	1.3	4.5	-	-5.2	16	2	8	0	-9.1	16	5	4.0	-	2.81	-	7	4
	21-end	12.3	-	5	4	10.1	2.2	6.2	-	-1.9	23	2	16	1	-4.8	23	5	7.4	-	3.64	-	7	5
	Month	28.4	54	14	11	9.5	2.9	6.2	+1.5	-5.2	16	4	59	1	-9.1	16	11	5.8	-	2.71	95	8	19
Dublin Airport e Co. Dublin	1-10	8.7	-	8	4	10.4	5.5	7.9	-	0.8	08	0	35	0	-2.0	08	2	6.5	-	1.23	-	6	8
	11-20	1.7	-	2	0	7.8	2.5	5.2	-	-0.1	14	1	10	0	-4.6	16	4	4.6	-	2.03	-	6	4
	21-end	13.9	-	4	4	9.7	2.6	6.2	-	-1.5	23	2	17	1	-3.2	23	5	4.9	-	3.46	-	5	2
	Month	24.3	50	14	18	9.3	3.6	6.5	+1.2	-1.5	23	3	62	1	-4.6	16	11	5.3	+1.0	2.14	81	6	14
Kinsealy Co. Dublin	1-10	11.5	-	8	4	10.8	5.9	8.4	/	0.6	08	0	40	0	-1.6	08	1	/	/	1.19	/	5	/
	11-20	0.9	-	2	0	7.5	2.1	4.8	/	-2.1	16	1	10	0	-8.8	16	4	/	/	2.44	/	6	/
	21-end	15.8	-	4	4	9.8	1.6	5.7	/	-1.2	23	1	14	0	-5.7	23	5	/	/	3.71	/	3	/
	Month	28.2	60	14	8	9.3	3.3	6.3	/	-2.1	16	2	64	0	-8.8	16	10	/	/	2.36	/	5	/
Galway Co. Galway	1-10	38.8	-	9	9	10.0	5.2	7.6	-	0.2	08	0	32	0	-4.2	08	2	6.9	-	1.91	-	6	5
	11-20	30.3	-	5	4	8.8	1.8	5.3	-	-1.2	17	2	12	0	-2.1	17	5	4.9	-	2.76	-	6	4
	21-end	27.8	-	7	6	10.1	3.1	6.6	-	-2.4	22	2	18	0	-5.9	22	4	6.3	-	4.07	-	5	4
	Month	96.9	129	21	19	9.6	3.4	6.5	+1.0	-2.4	22	4	62	0	-5.9	22	11	6.0	-	2.83	114	6	13
Killarney (Muckross Hse) Co. Kerry	1-10	95.9	/	10	10	11.1	6.9	9.0	/	1.9	09	0	46	1	-2.2	09	1	/	/	0.92	/	/	/
	11-20	118.3	/	6	5	9.4	3.1	6.3	/	-0.6	15	2	19	0	-5.5	14	5	/	/	2.51	/	/	/
	21-end	48.5	/	6	6	11.2	3.7	7.5	/	-1.5	23	3	25	0	-5.1	23	4	/	/	3.46	/	/	/
	Month	262.7	/	22	21	10.5	4.7	7.6	/	-1.5	23	5	90	1	-5.5	14	10	/	/	2.21	/	/	/
Calirciveon e (Valentia Obsy.) Co. Kerry	1-10	71.4	-	9	9	11.1	6.6	8.8	-	3.7	08	0	44	0	0.7	08	0	8.1	-	1.24	-	8	8
	11-20	108.4	-	5	5	9.7	4.5	7.1	-	-0.4	14	1	27	0	-2.7	14	2	6.1	-	1.97	-	8	8
	21-end	55.1	-	7	6	11.4	4.7	8.0	-	-0.9	22	2	29	1	-3.2	22	3	7.8	-	3.41	-	6	3
	Month	234.9	214	21	20	10.6	5.3	8.0	+1.2	-0.9	22	3	100	1	-3.2	22	5	7.3	+1.2	2.11	86	9	19

Notes on the tables in January issue



TABLE 1 (Continued)

February 1982

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C													BRIGHT SUNSHINE		WIND		
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAY	AIR						GROUND			SOIL (10 CM)			MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (ms <sup>-1</sup> )	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	36.9	-	9	9	9.9	4.1	7.0	-	1.5	08	0	26	0	-2.5	08	2	6.9	-	2.32	-	9	8
	11-20	46.1	-	6	5	8.4	2.4	5.4	-	0.2	18	0	12	0	-4.5	18	6	5.1	-	2.65	-	8	5
	21-end	29.2	-	6	5	10.3	3.6	7.0	-	-0.5	23	1	21	0	-5.0	23	4	6.4	-	3.26	-	7	6
	Month	112.2	148	21	19	9.5	3.3	6.4	+0.4	-0.5	23	1	59	0	-5.0	23	12	6.1	+0.8	2.71	107	8	19
Claremorris Co. Mayo	1-10	58.8	-	9	9	9.6	3.8	6.7	-	-1.1	08	1	24	0	-5.9	08	3	6.2	-	1.65	-	6	6
	11-20	45.2	-	5	5	7.8	1.3	4.5	-	-1.1	14	2	7	0	-4.5	14	6	4.1	-	1.90	-	5	4
	21-end	44.8	-	7	6	10.3	1.9	6.1	-	-3.6	22	2	15	0	-6.6	22	5	5.7	-	3.25	-	4	3
	Month	148.8	196	21	20	9.1	2.3	5.7	+0.9	-3.6	22	5	46	0	-6.6	22	14	5.3	+1.3	2.20	91	5	13
Glenamoy Co. Mayo	1-10	46.2	-	9	8	9.9	4.2	7.1	/	-0.2	08	1	27	0	-1.9	08	2	/	/	2.23	/	/	/
	11-20	47.1	-	5	5	8.1	1.6	4.9	/	-0.4	14	2	9	0	-3.0	15	5	/	/	2.66	/	/	/
	21-end	36.7	-	7	5	10.5	2.1	6.3	/	-0.9	23	1	16	0	-2.6	23	4	/	/	3.39	/	/	/
	Month	130.0	133	21	18	9.4	2.7	6.1	/	-0.9	23	4	52	0	-3.0	15	11	/	/	2.71	/	/	/
Dunsany (Grange) Co. Meath	1-10	17.4	-	9	6	10.0	4.4	7.2	/	-0.6	08	1	28	0	-2.6	28	3	/	/	1.26	/	/	/
	11-20	11.5	-	4	2	6.9	0.5	3.7	/	-5.0	16	4	6	0	-9.9	16	7	/	/	2.70	/	/	/
	21-end	24.1	-	6	4	9.4	0.3	4.9	/	-4.0	23	4	10	0	-10.0	23	6	/	/	2.65	/	/	/
	Month	53.0	95	19	12	8.7	1.8	5.3	/	-5.0	16	9	44	0	-10.0	23	16	/	/	2.17	/	/	/
Clones Co. Monaghan	1-10	24.0	-	8	7	9.6	3.9	6.7	-	-1.3	08	1	24	0	-5.4	08	2	6.0	-	1.18	-	6	4
	11-20	16.9	-	7	5	7.1	1.1	4.1	-	-1.4	14	1	4	0	-5.9	14	6	4.2	-	2.29	-	5	4
	21-end	37.0	-	5	4	9.1	1.3	5.2	-	-2.7	22	3	11	0	-6.3	22	5	4.5	-	2.45	-	5	4
	Month	77.9	124	20	16	8.6	2.2	5.4	+1.1	-2.7	22	5	39	0	-6.3	22	13	4.9	+1.2	1.94	84	5	12
Birr Co. Offaly	1-10	30.8	-	10	9	10.3	5.1	7.7	-	0.3	08	0	33	0	-2.4	08	3	6.8	-	1.06	-	5	5
	11-20	8.5	-	4	3	8.1	1.5	4.8	-	-1.3	14	3	9	0	-6.3	17	7	4.5	-	3.17	-	5	3
	21-end	25.1	-	4	4	10.6	2.3	6.4	-	-2.9	22	2	19	1	-7.1	23	4	5.6	-	3.90	-	4	2
	Month	64.4	122	18	16	9.6	3.0	6.3	+1.4	-2.9	22	5	61	1	-7.1	23	14	5.6	+1.3	2.61	99	5	10
Thurles Co. Tipperary	1-10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	11-20	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	21-end	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Month	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Notes on the tables in January 1981.

TABLE 1 (Continued)

February 1982

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 <sup>-1</sup> )	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				
Dungarvan (Ballygagin) Co. Waterford	1-10	34.7	-	10	7	10.6	6.3	8.5	/	-1.3	08	1	41	0	-6.0	08	2	/	/	1.12	/	4	/
	11-20	74.1	-	6	4	8.7	2.9	5.8	/	-2.6	14	1	15	0	-5.7	14	4	/	/	2.00	/	5	/
	21-end	41.1	-	7	6	11.2	3.7	7.5	/	-1.8	23	1	25	2	-5.5	23	4	/	/	4.53	/	5	/
	Month	149.9	190	23	17	10.1	4.3	7.2	/	-2.6	14	3	81	2	-6.0	08	10	/	/	2.41	/	5	/
Mullingar e Co. Westmeath	1-10	49.3	-	10	8	9.4	4.0	6.7	-	-1.4	08	1	24	0	-4.1	08	3	6.0	-	0.90	-	7	5
	11-20	9.7	-	5	3	6.9	0.3	3.6	-	-2.9	16	3	3	0	-6.3	16	7	3.7	-	2.24	-	6	4
	21-end	24.1	-	4	4	9.7	1.1	5.4	-	-3.9	22	3	12	0	-5.8	23	5	4.6	-	3.64	-	5	4
	Month	83.1	134	19	15	8.6	1.9	5.3	+0.6	-3.9	22	7	39	0	-6.3	16	15	4.8	+0.9	2.16	84	6	13
J.F.K. Park Co. Wexford	1-10	32.4	-	8	6	10.1	3.8	7.0	/	0.6	08	0	26	0	-3.6	08	3	/	/	0.50	/	6	/
	11-20	42.7	-	4	3	7.6	2.2	4.9	/	-1.6	14	1	8	0	-6.1	14	6	/	/	2.03	/	5	/
	21-end	30.0	-	6	5	10.0	3.7	6.9	/	1.2	23	0	20	1	-2.3	24	2	/	/	3.81	/	4	/
	Month	105.1	142	18	14	9.2	3.2	6.2	/	-1.6	14	1	54	1	-6.1	14	11	/	/	2.00	/	5	/
Clonroche Co. Wexford	1-10	42.8	-	10	6	9.4	5.4	7.4	/	-1.6	08	1	30	0	-6.3	08	2	/	/	0.33	/	4	/
	11-20	54.0	-	6	4	6.5	1.6	4.1	/	-2.4	14	1	8	0	-6.9	14	7	/	/	2.24	/	4	/
	21-end	34.3	-	6	5	9.9	2.5	6.3	/	-1.8	23	2	16	0	-7.6	23	4	/	/	4.11	/	3	/
	Month	131.1	156	22	15	8.5	3.2	5.9	/	-2.4	14	4	54	0	-7.6	23	13	/	/	2.09	/	4	/
Johnstown Castle Co. Wexford	1-10	38.1	-	9	6	9.8	6.1	7.9	/	0.1	08	0	35	0	-4.6	07	2	/	/	0.39	/	7	/
	11-20	32.9	-	4	4	7.0	2.4	4.7	/	-0.4	14	1	8	0	-6.7	14	8	/	/	2.62	/	6	/
	21-end	31.5	-	6	5	9.1	3.4	6.3	/	1.0	23	0	12	0	-5.1	24	4	/	/	3.11	/	3	/
	Month	102.5	146	19	15	8.6	4.0	6.3	/	-0.4	14	1	55	0	-6.7	14	14	/	/	1.96	/	5	/
Rosslare e Co. Wexford	1-10	34.9	-	7	5	10.1	6.5	8.3	-	1.4	08	0	39	0	-1.6	08	2	7.6	-	0.61	-	7	6
	11-20	24.5	-	4	4	8.2	4.1	6.1	-	0.7	14	0	18	0	-3.1	14	2	5.6	-	3.04	-	6	3
	21-end	29.7	-	6	5	9.2	4.6	6.9	-	1.3	25	0	20	0	-2.0	24	4	6.5	-	3.26	-	6	4
	Month	89.1	151	17	14	9.2	5.1	7.2	+1.0	0.7	14	0	77	0	-3.1	14	8	6.6	+1.1	2.24	81	6	13

Notes on the tables in January issue

TABLE 2 GLOBAL SOLAR RADIATION

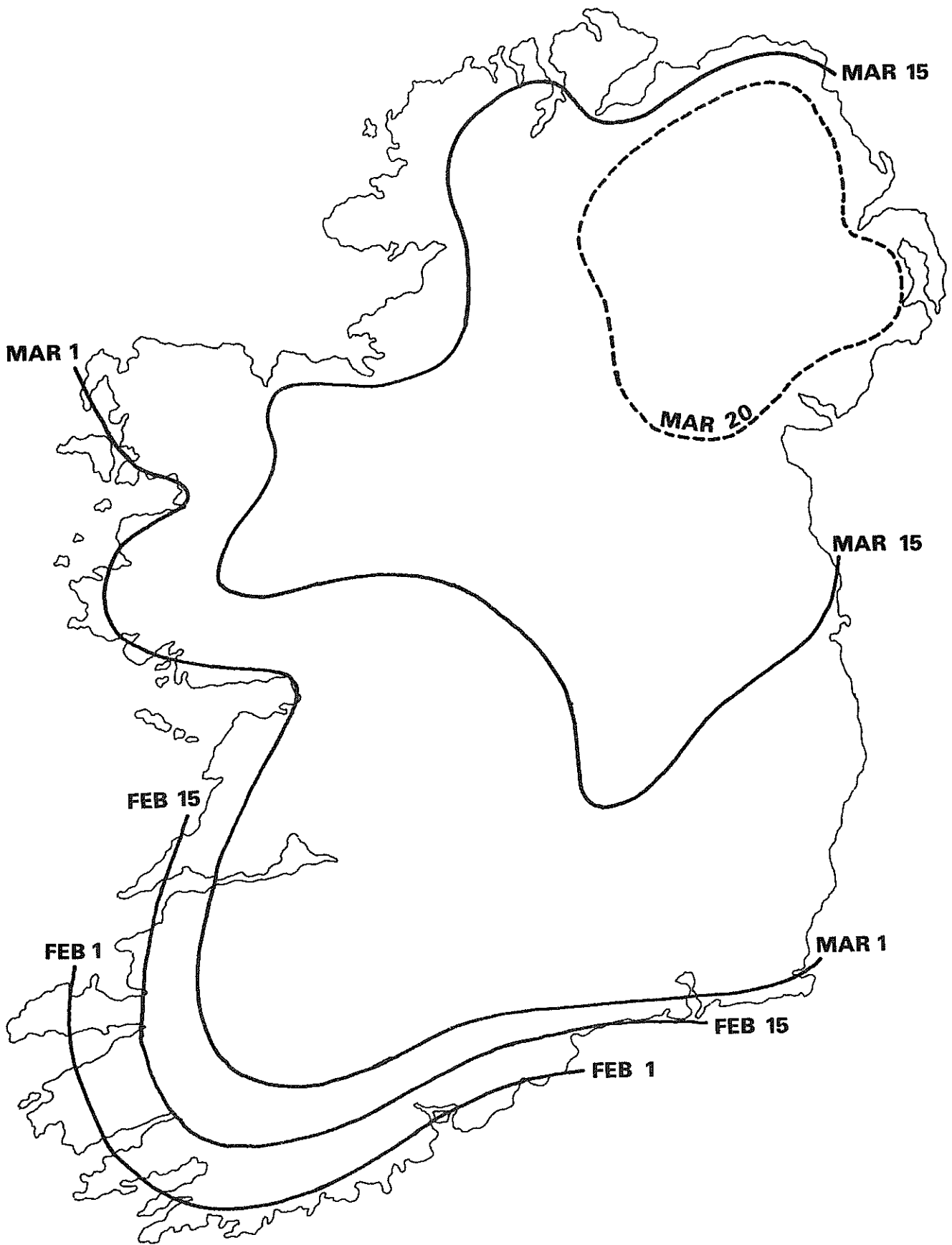
STATION	PERIOD	AMOUNT
		Joule/cm <sup>2</sup>
Malin Head Co. Donegal	1-10	2705
	11-20	4184
	21-end	4924
	Month	11813
Dublin Airport Co. Dublin	1-10	2448
	11-20	3573
	21-end	4759
	Month	10780
Cahirciveen (Valentia Obs.) Co. Kerry	1-10	3043
	11-20	4601
	21-end	5283
	Month	12927
Kilkenny Co. Kilkenny	1-10	2189
	11-20	3922
	21-end	4435
	Month	10546
Belmullet Co. Mayo	1-10	3453
	11-20	4607
	21-end	5057
	Month	13117
Clones Co. Monaghan	1-10	2650 (E)
	11-20	3871
	21-end	4478
	Month	10999 (E)
Birr Co. Offaly	1-10	2742
	11-20	4924
	21-end	5254
	Month	12920

TABLE 3 POTENTIAL EVAPOTRANSPIRATION (P.E.) AND SOIL MOISTURE

STATION	PERIOD	SOIL MOISTURE (mm)			
		P.E. (mm)	Deficit	Accumulated Deficit	Surplus
Carlow (Oak Park) Co. Carlow	1-10	4	-	0	15
	11-20	4	-	0	9
	21-end	3	-	0	18
	Month	11	-	-	-
Kinsealy Co. Dublin	1-10	7	-	0	5
	11-20	5	4	4	-
	21-end	8	-	0	8
	Month	20	-	-	-
Cahirciveen (Valentia Obs.) Co. Kerry	1-10	3	-	0	65
	11-20	23	-	0	84
	21-end	1	-	0	50
	Month	27	-	-	-
Ballinamore Co. Leitrim	1-10	2	-	0	37
	11-20	0	-	0	36
	21-end	2	-	0	24
	Month	4	-	-	-
Glenamoy Co. Mayo	1-10	3	-	0	40
	11-20	8	-	0	44
	21-end	3	-	0	32
	Month	14	-	-	-
Johnstown Castle Co. Wexford	1-10	13	-	0	25
	11-20	-1	-	0	26
	21-end	10	-	0	30
	Month	22	-	-	-

E = ESTIMATED

Notes on the tables in January issue



Median date of beginning of Grass - growing Season (1954 - 1968).