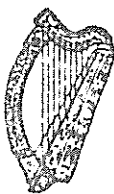


METEOROLOGICAL SERVICE



AGROMETEOROLOGICAL BULLETIN

FEBRUARY 1977

The Weather in February

Summary: February was wet and dull but soil temperatures were above normal.

The month started cold with sleet in places on 1st. From 2nd to 10th, with south or southwest winds predominant, air and soil temperatures were above normal but it was wet. Hail showers and thunderstorms were reported on 3rd, 5th and 7th.

Between 11th and 20th the weather continued wet. Mean air temperatures were normal or a little below but soil temperatures were above normal. On 11th, 12th and 20th there was a marked contrast between maximum air temperatures in the north and in the south. Cold easterly winds affected northern areas while southern areas had milder south or southeast winds. On 12th Kilkenny recorded a maximum air temperature of 10.6°C while Malin Head's maximum was 3.4°C . Sleet or snow fell in some areas, chiefly in the north and northwest, in the period 11th to 15th and on 20th.

From 21st to 28th winds were between northeast and southeast in direction and we had the lowest day-time temperatures of the month. There were falls of sleet and snow in places between 23rd and 25th. However, soil temperatures were a little above normal. In the north and northwest it was a much drier week than in the east and south. At Glenamoy, rainfall between 21st and 28th was only slightly greater than evaporation. In the south and east rainfall exceeded evaporation by more than 25 mm (1 inch).

Rainfall for the month ranged from just above normal at Belmullet to over three times the normal total at Roches Point. East of a line from Bantry Bay to Lough Swilly rainfall was more than twice the normal value. West of this line values ranged from 104% to 190% of normal. Wettest days were 2nd, 15th and 17th. The number of wet days (rainfall of at least 1 mm) was between 18 and 21 at most stations but was as low as 15 in parts of the west and northwest and as high as 24 in parts of the southwest. The most rainfall in a day was between 12 mm and 25 mm ($\frac{1}{2}$ inch to 1 inch) generally but in a few places was almost 50 mm (2 inches).

Mean Monthly Air Temperatures were from 0.1°C to 0.7°C above normal in most areas. On the west and northwest coasts the air temperature was just below normal but at Malin Head it was 0.8°C below normal. Soil temperatures were from 0.3°C to 0.7°C above normal except in the extreme northwest where they were normal or a little below. Air frost was sharp in many areas on 1st, 15th, 16th and 26th. Air temperatures in the range -4°C to -5°C were recorded on 1st.

Mean Daily Duration of Bright Sunshine ranged from 2.5 hours at Belmullet to 1.1 hours at Clones. West Ulster and north Connaught recorded from 88% to 98% of normal sunshine but elsewhere values were less than 75% of normal. Clones and Kilkenny had only 50% of normal sunshine.

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.

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

FEBRUARY, 1977

STATION	PERIOD	RAINFALL				TEMPERATURE										BRIGHT SUNSHINE		WIND			
		Amount	Percentage of Average	No. of Rain Days	No. of Wet Days	AIR					GROUND			SOIL (10cm)		Mean Daily	Percentage of Average	Mean Speed	No. of Days with Gale Gusts		
						Mean Daily	Difference from Average	Lowest Minimum	Day	No. of Days with Air Frost	Degree Days Above 4.4°C	Degree Days Above 10.0°C	Lowest Grass Minimum	Day	No. of Days with Ground Frost					Mean Daily	Difference from Average
Carlow (Oak Park) Co. Carlow	1-10	66.8	-	10	9	5.9	-	-3.7	01	2	17	0	-7.5	01	5	-	-	1.39	-	9	-
	11-20	44.0	-	8	7	5.3	-	-0.8	16	2	12	0	-5.5	16	5	-	-	2.17	-	6	-
	21-end	32.9	-	5	4	5.1	-	-0.4	26	1	8	0	-4.0	26	4	-	-	0.68	-	6	-
	Month	143.7	-	23	20	5.5	-	-3.7	01	5	37	0	-7.5	01	14	-	-	1.46	-	7	-
Shannon Airport Co. Clare	1-10	52.4	-	10	8	7.1	-	-0.6	01	1	28	0	-5.0	01	5	5.5	-	1.17	-	10	2
	11-20	43.2	-	7	5	5.8	-	0.6	15	0	15	0	-4.6	15	8	5.1	-	2.62	-	8	0
	21-end	8.9	-	4	2	5.5	-	2.0	26	0	9	0	-1.0	26	1	5.2	-	0.49	-	11	1
	Month	104.5	161	21	15	6.2	+0.7	-0.6	01	1	52	0	-5.0	01	14	5.3	+0.6	1.49	58	10	3
Fermoy (Moore Park) Co. Cork	1-10	59.5	-	9	9	6.1	-	-4.6	01	2	20	0	-9.3	01	6	-	-	0.54	-	6	-
	11-20	65.2	-	9	8	4.1	-	-3.0	12	6	4	0	-7.0	15	9	-	-	2.27	-	5	-
	21-end	24.9	-	7	4	5.3	-	-0.4	26	1	9	0	-3.6	26	2	-	-	0.61	-	9	-
	Month	149.6	-	25	21	5.1	-	-4.6	01	9	33	0	-9.3	01	17	-	-	1.18	-	7	-
Mallow Co. Cork	1-10	57.6	-	10	9	6.4	-	-3.5	01	2	22	0	-7.1	01	3	-	-	0.92	-	-	-
	11-20	60.4	-	9	8	4.7	-	-2.7	13	5	8	0	-4.0	16	7	-	-	2.02	-	-	-
	21-end	43.0	-	6	5	5.2	-	-0.9	26	1	8	0	-2.8	26	1	-	-	0.36	-	-	-
	Month	161.0	224	25	22	5.5	-	-3.5	01	8	38	0	-7.0	01	11	-	-	1.15	-	-	-
Rocha's Point Co. Cork	1-10	70.1	-	9	8	7.4	-	-0.1	01	1	31	0	-3.1	01	1	6.5	-	1.39	-	14	5
	11-20	95.4	-	8	8	5.9	-	0.9	12	0	15	0	-3.4	15	4	5.5	-	2.77	-	10	4
	21-end	41.7	-	5	5	6.3	-	2.9	26	0	15	0	0.2	26	0	6.2	-	1.18	-	13	3
	Month	207.2	325	22	21	6.5	+0.1	-0.1	01	1	61	0	-3.4	15	5	6.1	+0.3	1.82	71	12	12
Glencolumbkille Co. Donegal	1-10	85.3	-	10	8	5.7	-	0.0	01	0	14	0	-3.1	01	3	-	-	0.29	-	8	-
	11-20	82.9	-	10	8	4.9	-	0.7	15	0	9	0	-2.5	15	4	-	-	1.55	-	8	-
	21-end	0.7	-	2	0	4.4	-	0.4	26	0	3	0	-3.0	26	6	-	-	3.14	-	8	-
	Month	168.9	-	22	16	5.1	-	0.0	01	0	26	0	-3.1	01	13	-	-	1.55	-	8	-
Glenties Co. Donegal	1-10	107.9	-	9	8	4.3	-	-4.5	01	5	7	0	-6.5	01	8	-	-	0.77	-	-	-
	11-20	71.6	-	10	7	4.4	-	-2.3	15	2	5	0	-4.5	15	4	-	-	1.56	-	-	-
	21-end	10.0	-	1	1	4.2	-	-3.5	26	1	4	0	-7.2	26	6	-	-	2.84	-	-	-
	Month	189.5	174	20	16	4.3	-	-4.5	01	8	16	0	-7.2	26	18	-	-	1.64	-	-	-

See January issue of Bulletin for explanatory notes on the tables.

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

FEBRUARY, 1977

STATION	PERIOD	RAINFALL				TEMPERATURE											BRIGHT SUNSHINE		WIND		
		Amount	Percentage of Average	No. of Rain Days	No. of Wet Days	AIR					GROUND			SOIL (10cm)			Mean Daily	Percentage of Average	Mean Speed	No. of Days with Gale Gusts	
						Mean Daily	Difference from Average	Lowest Minimum	Day	No. of Days with Air Frost	Degree Days Above 4.4°C	Degree Days Above 10.0°C	Lowest Grass Minimum	Day	No. of Days with Ground Frost	Mean Daily					Difference from Average
Malin Head Co. Donegal	1-10	39.6	-	8	8	5.2	-	-0.1	01	1	12	0	-2.8	01	4	3.9	-	1.55	-	15	6
	11-20	104.0	-	9	8	4.4	-	0.3	15	0	4	0	-3.1	15	4	3.8	-	1.30	-	15	6
	21-end	8.7	-	2	2	4.1	-	-2.3	26	1	3	0	-5.0	26	3	3.4	-	3.28	-	18	6
	Month	152.3	212	19	18	4.6	-0.8	-2.3	26	2	19	0	-5.0	26	11	3.7	-	1.95	88	16	18
Dublin Airport Co. Dublin	1-10	47.0	-	9	7	6.5	-	-1.2	01	1	23	0	-4.2	01	3	5.0	-	1.36	-	11	3
	11-20	44.5	-	8	7	5.4	-	0.7	16	0	11	0	-3.5	16	4	4.9	-	2.04	-	10	2
	21-end	36.0	-	5	5	4.9	-	2.6	27	0	5	0	-1.2	21	1	4.9	-	1.75	-	12	2
	Month	127.5	244	22	19	5.6	+0.5	-1.2	01	1	39	0	-4.2	01	8	4.9	+0.9	1.71	64	11	7
Kinsealy Co. Dublin	1-10	42.8	-	9	8		-											1.53	-	9	-
	11-20	41.5	-	9	9	NA	-	NA	NA	NA	NA	NA	NA	NA				2.13	-	7	-
	21-end	35.6	-	5	5		-											1.71	-	9	-
	Month	119.9	-	23	22		-											1.80	-	8	-
Lucan (U.C.D. Field Str.) Co. Dublin	1-10	48.3	-	8	7	6.3	-	-1.1	01	1	20	0	-3.7	01	5	-	-	1.34	-	8	-
	11-20	36.6	-	9	6	5.1	-	-1.9	15	3	10	0	-6.8	15	6	-	-	1.92	-	5	-
	21-end	39.1	-	6	5	4.7	-	2.5	27	0	4	0	-2.0	21	2	-	-	1.86	-	9	-
	Month	124.0	-	23	18	5.4	-	-1.9	15	4	34	0	-6.8	15	13	-	-	1.70	-	7	-
Galway (Univ. Coll.) Co. Galway	1-10	62.7	-	10	9	6.5	-	-1.0	01	1	23	0	-10.0	01	4	-	-	0.93	-		-
	11-20	30.5	-	9	6	6.0	-	1.6	16	0	16	0	-7.5	15	8	-	-	3.05	-	NA	-
	21-end	18.6	-	5	3	4.8	-	1.5	26	0	5	0	-2.6	26	4	-	-	NA	-		-
	Month	111.8	-	24	18	5.9	-	-1.0	01	1	44	0	-10.0	01	16	-	-		-		-
Killarney (Muckross Hse) Co. Kerry	1-10	95.0	-	9	9	7.3	-	-2.8	01	1	30	0	-5.7	01	4	-	-	0.75	-	-	-
	11-20	86.4	-	10	10	5.4	-	-0.1	15	1	11	0	-4.4	15	7	-	-	2.09	-	-	-
	21-end	21.4	-	7	5	5.4	-	-1.0	26	1	9	0	-6.0	26	1	-	-	1.39	-	-	-
	Month	202.8	-	26	24	6.1	-	-2.8	01	3	50	0	-6.0	26	12	-	-	1.41	-	-	-
Oahiroiveen (Valentia Obsy.) Co. Kerry	1-10	91.2	-	10	10	7.7	-	-1.0	01	1	34	0	-2.2	01	1	6.7	-	1.27	-	13	6
	11-20	64.3	-	10	9	6.3	-	1.6	15	0	19	0	0.0	15	0	5.9	-	2.48	-	10	3
	21-end	43.3	-	5	4	5.9	-	-0.5	26	1	13	0	-2.9	26	2	5.8	-	1.59	-	14	3
	Month	198.8	186	25	23	6.7	-0.1	-1.0	01	2	66	0	-2.9	26	3	6.2	+0.4	1.79	72	12	12

See January issue of Bulletin for explanatory notes on the tables.

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

FEBRUARY, 1977

STATION	PERIOD	RAINFALL				TEMPERATURE										BRIGHT SUNSHINE		WIND			
		Amount	Percentage of Average	No. of Rain Days	No. of Wet Days	AIR					GROUND			SOIL (10cm)		Mean Daily	Percentage of Average	Mean Speed	No. of Days with Gale Gusts		
						Mean Daily	Difference from Average	Lowest Minimum	Day	No. of Days with Air Frost	Degree Days Above 4.4°C	Degree Days Above 10.0°C	Lowest Grass Minimum	Day	No. of Days with Ground Frost					Mean Daily	Difference from Average
mm	%			°C	°C	°C					°C	°C	°C	°C	Hr	%	Kt				
Trillick (Caherweesheen) Co. Kerry	1-10	111.3	-	9	9	6.9	-	-2.3	01	1	26	0	-5.3	01	5	-	-	1.12	-	-	-
	11-20	51.9	-	10	8	5.1	-	-1.2	12	4	9	0	-4.1	15	9	-	-	2.71	-	-	-
	21-end	17.0	-	4	3	5.0	-	-0.6	26	1	7	0	-4.8	26	2	-	-	0.71	-	-	-
	Month	180.2	-	23	20	5.7	-	-2.3	01	6	42	0	-5.3	01	16	-	-	1.57	-	-	-
Lullymore Co. Kildare	1-10	47.9	-	10	9	5.3	-	-2.5	01	2	12	0	-4.7	01	4	-	-	0.89	-	10	-
	11-20	48.3	-	10	7	4.7	-	-0.5	16	2	7	0	-4.4	15	7	-	-	1.84	-	8	-
	21-end	28.4	-	4	4	4.3	-	-0.1	27	1	4	0	-2.7	27	3	-	-	1.03	-	11	-
	Month	124.6	-	24	20	4.8	-	-2.5	01	5	23	0	-4.7	01	14	-	-	1.27	-	10	-
Kilkenny Co. Kilkenny	1-10	76.9	-	9	9	5.9	-	-4.9	01	2	19	0	-7.9	01	4	4.9	-	1.35	-	6	1
	11-20	56.9	-	7	6	4.6	-	-3.0	16	3	7	0	-6.7	16	9	4.3	-	1.95	-	4	2
	21-end	18.7	-	4	3	5.1	-	-2.9	26	1	8	0	-6.9	26	1	4.7	-	0.46	-	6	1
	Month	152.5	244	20	18	5.2	+0.3	-4.9	01	6	34	0	-7.9	01	14	4.6	+0.4	1.31	50	5	4
Mooncoin (Silverspring) Co. Kilkenny	1-10	79.2	-	9	8	6.1	-	-5.0	01	2	21	0	-7.5	01	6	-	-	0.93	-	-	-
	11-20	84.9	-	10	7	4.7	-	-2.1	16	5	7	0	-6.0	16	8	-	-	2.18	-	-	-
	21-end	55.2	-	6	4	5.5	-	-2.0	26	1	11	0	-4.6	26	2	-	-	0.30	-	-	-
	Month	219.3	-	25	19	5.4	-	-5.0	01	8	39	0	-7.5	01	16	-	-	1.20	-	-	-
Ballinamore Co. Leitrim	1-10	71.4	-	10	9	4.9	-	-4.9	01	2	11	0	-8.7	01	5	-	-	0.96	-	5	-
	11-20	92.1	-	9	8	4.3	-	-3.4	15	2	7	0	-6.8	15	5	-	-	1.78	-	5	-
	21-end	21.2	-	5	2	3.8	-	-0.2	27	1	1	0	-3.8	27	5	-	-	1.44	-	7	-
	Month	184.7	-	24	19	4.4	-	-4.3	01	5	19	0	-8.7	01	15	-	-	1.39	-	6	-
Ardee (Beharmanoa) Co. Louth	1-10	47.0	-	9	8	5.5	-	-2.0	01	2	13	0	-5.0	01	7	-	-	-	-	-	-
	11-20	47.3	-	9	8	4.9	-	-1.7	15	2	8	0	-5.4	15	6	-	-	-	-	-	-
	21-end	34.8	-	6	6	4.6	-	1.6	27	0	5	0	-2.2	27	2	-	-	-	-	-	-
	Month	129.1	-	24	22	5.0	-	-2.0	01	4	26	0	-5.4	15	15	-	-	-	-	-	-
Ballinrobe (Crough) Co. Mayo	1-10	72.2	-	9	8	6.1	-	-2.2	01	1	19	0	-8.7	01	5	-	-	1.06	-	6	-
	11-20	47.9	-	10	9	5.4	-	-1.7	15	3	15	0	-8.2	16	10	-	-	2.63	-	6	-
	21-end	31.3	-	5	5	4.2	-	-3.1	26	2	5	0	-6.7	26	6	-	-	1.74	-	10	-
	Month	151.4	-	24	22	5.3	-	-3.1	26	6	39	0	-8.7	01	21	-	-	1.81	-	7	-

See January issue of Bulletin for explanatory notes on the tables.

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

FEBRUARY, 1977

STATION	PERIOD	RAINFALL			TEMPERATURE								GROUND			SOIL (10cm)		BRIGHT SUNSHINE		WIND	
		Amount mm	Percentage of Average	No. of Rain Days	No. of Wet Days	AIR				Degree Days Above 4.0°C	Degree Days Above 10.0°C	Lowest	Grass Minimum	Day	No. of Days with Ground Frost	Mean Daily	Difference from Average	Hr	Percentage of Average	Mean Speed	No. of Days with Gale Gusts
						Mean Daily	Difference from Average	Lowest Minimum	Day												
Belmullet Co. Mayo	1-10	49.0	-	10	10	6.4	-	0.5	08	0	20	0	-3.1	01	4	5.2	-	0.91	-	11	5
	11-20	26.8	-	10	8	6.0	-	1.0	14	0	17	0	-3.4	15	2	5.6	-	3.69	-	10	2
	21-end	9.3	-	2	1	5.0	-	1.1	26	0	6	0	-1.3	26	1	4.8	-	2.93	-	14	2
	Month	85.1	104	22	19	5.9	-0.1	0.5	08	0	43	0	-3.4	15	7	5.2	+0.1	2.48	98	12	9
Claremorris Co. Mayo	1-10	54.2	-	10	9	5.8	-	-2.4	01	1	17	0	-7.8	01	4	4.5	-	0.75	-	7	1
	11-20	39.6	-	9	6	4.8	-	-0.9	16	3	8	0	-6.0	15	5	4.3	-	2.40	-	6	0
	21-end	17.5	-	5	3	3.8	-	0.4	26	0	1	0	-1.4	25	3	3.6	-	2.14	-	11	1
	Month	111.3	134	24	18	4.9	+0.1	-2.4	01	4	26	0	-7.8	01	12	4.2	+0.3	1.74	72	8	2
Glenties Co. Mayo	1-10	62.1	-	10	9	5.4	-	-1.5	01	4	12	0	-3.5	04	5	-	-	1.20	-	-	-
	11-20	23.1	-	10	7	5.5	-	-1.2	15	2	13	0	-3.9	15	3	-	-	3.03	-	NA	-
	21-end	9.0	-	2	2	4.7	-	-0.2	27	1	5	0	-2.7	27	3	-	-	2.74	-	-	-
	Month	94.2	-	22	18	5.2	-	-1.5	01	7	30	0	-3.9	15	11	-	-	2.29	-	-	-
Dunany (Orange) Co. Meath	1-10	41.0	-	9	9	5.4	-	-3.0	01	2	13	0	-10.0	01	5	-	-	1.12	-	-	-
	11-20	58.9	-	9	8	4.7	-	-1.0	15	2	6	0	-8.5	15	6	-	-	1.76	-	NA	-
	21-end	33.0	-	6	5	4.4	-	1.0	27	0	4	0	-2.6	27	2	-	-	1.41	-	-	-
	Month	132.9	236	24	22	4.8	-	-3.0	01	4	23	0	-10.0	01	3	-	-	1.43	-	-	-
Clonsilla Co. Monaghan	1-10	72.1	-	10	10	5.2	-	-3.5	01	1	13	0	-6.3	01	4	4.3	-	0.90	-	8	3
	11-20	71.2	-	10	9	4.2	-	-2.2	15	2	4	0	-6.0	15	2	4.4	-	1.28	-	8	1
	21-end	10.0	-	3	2	3.8	-	-0.4	27	1	2	0	-2.3	27	2	3.9	-	1.29	-	11	1
	Month	153.3	245	23	21	4.4	+0.1	-3.5	01	4	19	0	-6.3	01	8	4.2	+0.7	1.15	50	9	5
Birr Co. Offaly	1-10	47.3	-	10	9	6.5	-	-2.6	01	1	23	0	-7.4	01	4	5.0	-	1.14	-	10	4
	11-20	43.9	-	7	6	5.0	-	-0.2	15	1	9	0	-3.2	12	6	4.5	-	1.72	-	8	1
	21-end	26.2	-	5	3	4.7	-	-2.3	26	1	5	0	-6.1	26	3	4.5	-	1.35	-	11	3
	Month	117.4	203	22	18	5.4	+0.5	-2.6	01	3	37	0	-7.4	01	15	4.7	+0.6	1.41	53	10	8
Thurles Co. Tipperary	1-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21-end	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See January issue of Bulletin for explanatory notes on the tables.

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE and WIND

FEBRUARY, 1977

STATION	PERIOD	RAINFALL				TEMPERATURE									BRIGHT SUNSHINE		WIND				
		Amount	Percentage of Average	No. of Rain Days	No. of Wet Days	AIR					GROUND		SOIL (10 cm)		Mean Daily	Percentage of Average	Mean Speed	No. of Days with Gale Gusts			
						Mean Daily	Difference from Average	Lowest Minimum	Day	No. of Days with Air Frost	Degree Days Above 4.4°C	Degree Days Above 10.0°C	Lowest Grass Minimum	Day					No. of Days with Ground Frost	Mean Daily	Difference from Average
mm	%	°C	°C	°C				°C		°C	°C	Hr	%	Kt							
Dungarven (Ballygagin) Co. Waterford	1-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	11-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21-end	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Month	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Mullingar Co. Westmeath	1-10	59.3	-	10	9	5.3	-	-4.4	01	1	14	0	-8.2	01	5	4.4	-	1.10	-	10	2
	11-20	54.8	-	9	6	4.6	-	-1.9	15	2	7	0	-6.8	15	6	4.4	-	2.12	-	8	2
	21-end	26.5	-	6	4	4.1	-	0.6	27	0	3	0	-2.3	27	2	4.1	-	1.43	-	11	2
	Month	140.6	234	25	19	4.7	+0.2	-4.4	01	3	24	0	-8.2	01	13	4.3	+0.6	1.56	61	10	6
Campile (Ballysop) Co. Wexford	1-10	73.2	-	10	9	6.0	-	-3.4	01	2	19	0	-9.0	01	5	-	-	1.01	-	-	-
	11-20	79.4	-	8	7	5.1	-	-0.1	15	1	9	0	-6.4	16	8	-	-	2.30	-	NA	-
	21-end	57.8	-	6	4	5.1	-	1.7	26	0	9	0	-2.9	26	3	-	-	0.51	-	-	-
	Month	210.4	-	24	20	5.5	-	-3.4	01	3	37	0	-9.0	01	16	-	-	1.33	-	-	-
Clonroche Co. Wexford	1-10	87.2	-	9	9	5.3	-	-4.0	01	2	12	0	-9.4	01	5	-	-	1.16	-	6	-
	11-20	68.2	-	7	7	4.7	-	-1.9	16	2	7	0	-7.3	16	7	-	-	2.51	-	4	-
	21-end	45.4	-	5	4	4.7	-	1.1	26	0	6	0	-1.9	26	2	-	-	0.36	-	7	-
	Month	200.8	-	21	20	4.9	-	-4.0	01	4	25	0	-9.4	01	14	-	-	1.41	-	6	-
Johnstown Castle Co. Wexford	1-10	80.0	-	10	9	6.2	-	-2.1	01	1	20	0	-8.7	01	5	-	-	1.07	-	8	-
	11-20	63.9	-	8	8	5.4	-	0.0	15	0	11	0	-6.9	15	8	-	-	2.63	-	6	-
	21-end	46.9	-	4	4	5.6	-	1.9	26	0	10	0	-1.6	26	3	-	-	0.38	-	7	-
	Month	190.8	255	22	21	5.7	-	-2.1	01	1	41	0	-8.7	01	16	-	-	1.43	-	7	-
Rosslare Co. Wexford	1-10	58.7	-	9	8	7.3	-	-1.0	01	1	31	0	-4.3	01	1	6.2	-	1.35	-	13	4
	11-20	52.3	-	9	8	6.4	-	1.6	16	0	21	0	-4.1	16	3	5.7	-	2.84	-	10	2
	21-end	23.0	-	4	4	6.4	-	4.1	27	0	16	0	2.1	25	0	6.0	-	0.75	-	15	2
	Month	134.0	210	22	20	6.7	+0.7	-2.0	01	1	68	0	-4.3	01	4	6.0	+0.7	1.71	62	13	8

See January issue of Bulletin for explanatory notes on the tables.

TABLE 2.

SOLAR RADIATION (GLOBAL), POTENTIAL EVAPOTRANSPIRATION (P.E.) AND SOIL MOISTURE FEBRUARY 1977

STATION	PERIOD	SOLAR RADIATION	P.E.	SOIL MOISTURE		
		Amount	Amount	Deficit	Accumulated Deficit	Surplus
		Joule/cm ²	mm	mm	mm	mm
Carlow (Oak Park) Co. Carlow	1-10	-	6	-	0	61
	11-20	-	2	-	0	42
	21-end	-	7	-	0	26
	Month	-	15	-	-	-
Kinsealy* Co. Dublin	1-10	3211	3	-	0	40
	11-20	3942	2	-	0	40
	21-end	3022	7	-	0	30
	Month	10175	10	-	-	-
Cahiriveen e (Valentia Obsy.) Co. Kerry	1-10	3030	-2	-	0	89
	11-20	4825	1	-	0	60
	21-end	3394	6	-	0	30
	Month	11249	5	-	-	-
Kilkenny e Co. Kilkenny	1-10	3098	-	-	-	-
	11-20	4496	-	-	-	-
	21-end	2519	-	-	-	-
	Month	10113	-	-	-	-
Ballinamore Co. Leitrim	1-10		8	-	0	64
	11-20	NA	11	-	0	82
	21-end		8	-	0	13
	Month		27	-	-	-
Glenamoy Co. Mayo	1-10	-	4	-	0	58
	11-20	-	3	-	0	21
	21-end	-	9	-	0	0
	Month	-	16	-	-	-
Birr e Co. Offaly	1-10	3527	-	-	-	-
	11-20	5085	-	-	-	-
	21-end	3713	-	-	-	-
	Month	12325	-	-	-	-
Johnstown Castle Co. Wexford	1-10	-	10	-	0	70
	11-20	-	9	-	0	55
	21-end	-	9	-	0	38
	Month	-	28	-	-	-

See January issue of Bulletin for explanatory notes on the tables. *Solar Radiation Values for Dublin Airport.