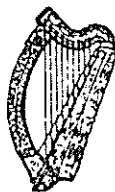


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The Weather of January 1974

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AGROMETEOROLOGICAL BULLETIN

JANUARY 1974

The weather during January

January was mild, wet and windy. The high frequency and severity of gales was the most notable feature of the weather during the month; many places had gale gusts on at least 20 days and much damage was caused by particularly severe storms during the periods 10th - 12th, 15th - 16th and 27th - 28th when gusts of over 70 knots were reported from many parts of the country. The speeds of the highest gusts recorded were 96 knots at Claremorris on 27th and 94 knots at Cork Airport on 12th. Greenhouses in eastern areas were badly damaged by gales during the period 10th - 12th.

Rainfall was above normal everywhere and only some places in the east had more than five rainless days during the month. Rainfall amounts were greatest in the southern half of the country where some places had over 220% of normal January rainfall. At Valentia Observatory, Cahirciveen where the monthly rainfall was 318.6 millimetres (194% of normal) it was the wettest January since records began there in 1866 and at Roches Point it was the wettest January since 1873. The rainfall at Muckcross House, Killarney was 523.1 millimetres and at some rainfall stations in the Kerry Mountain rainfall totals for the month were over 600 millimetres. The heavy and frequent rain led to serious poaching of pastures in many areas, early Spring ploughing was delayed because of waterlogged soil and the harvesting of sugar beet was extremely difficult due to the state of the ground.

Mean air temperatures were well above normal in all parts - generally 1.0°C to 1.6°C above normal near coasts and 1.8°C to 2.4°C above normal inland. Soil temperatures at the 10cm depth were 1.4°C to 1.9°C above normal over the month and although they dropped somewhat during the last five days the soil was warm enough for grass growth in most places during the second and third weeks. There were some light falls of snow in places on 10th, 15th/16th and during the period 26th - 30th but amounts were small and in general the occurrence of snow and frost was less frequent than usual for January.

TABLE 1.

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

JANUARY, 1974

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	72.4	-	10	10	6.4	-	-2.0	01	3	26	01	-4.2	09	5	-	-	1.45	-	14	-
	11-20	29.6	-	6	6	7.2	-	+2.0	17	0	30	02	-2.0	17	4	-	-	1.78	-	14	-
	21-end	62.6	-	8	6	5.8	-	-1.7	29	4	24	00	-5.0	29	7	-	-	1.35	-	12	-
	Month	164.6	-	24	22	6.5	-	-2.0	01	7	80	03	-5.0	29	16	-	-	1.52	-	13	-
Shannon Airport Co. Clare	1-10	91.7	-	10	10	7.2	-	+2.4	10	0	28	01	-1.9	09	1	6.1	-	1.91	-	15	7
	11-20	37.1	-	8	6	7.7	-	+1.5	11	0	35	03	+0.5	11	0	6.3	-	2.07	-	17	7
	21-end	39.7	-	9	9	6.7	-	+0.3	29	0	29	00	-1.6	29	3	6.0	-	1.05	-	14	6
	Month	168.5	178	27	25	7.2	+2.1	+0.3	29	0	92	04	-1.9	09	4	6.1	+1.8	1.65	97	15	20
Fermoy (Moore Park) Co. Cork	1-10	117.6	-	10	9	6.6	-	-1.0	10	3	27	01	-4.8	10	7	-	-	1.62	-	9	-
	11-20	52.0	-	6	6	7.6	-	+2.0	14	0	34	02	-1.2	13	3	-	-	1.14	-	9	-
	21-end	105.9	-	11	7	6.0	-	-3.0	29	2	25	00	-4.8	29	9	-	-	1.14	-	8	-
	Month	275.5	-	27	22	6.7	-	-3.0	29	5	86	03	-8.8	29	19	-	-	1.29	-	9	-
Mallow Co. Cork	1-10	147.2	-	10	10	6.7	-	-1.0	01	1	27	01	-5.6	10	4	-	-	1.46	-	-	-
	11-20	62.2	-	6	6	7.7	-	+2.0	14	0	34	02	-4.5	14	1	-	-	1.49	-	-	-
	21-end	130.1	-	11	8	6.1	-	-1.3	29	1	26	00	-5.1	29	6	-	-	1.14	-	-	-
	Month	339.5	319	27	24	6.8	-	-1.3	29	2	87	03	-5.6	10	11	-	-	1.35	-	-	-
Roche's Point Co. Cork	1-10	97.7	-	10	9	8.0	-	+3.0	09	0	37	01	-0.2	10	1	7.2	-	1.30	-	21	10
	11-20	40.3	-	7	6	8.4	-	+3.7	11	0	40	02	+1.4	14	0	7.4	-	1.46	-	22	8
	21-end	82.3	-	11	6	7.4	-	+0.6	29	0	36	00	-2.0	29	3	6.9	-	1.40	-	19	9
	Month	220.3	222	28	21	7.9	+1.4	+0.6	29	0	113	03	-2.0	29	4	7.2	+1.7	1.39	70	21	27
Glencolumbkille Co. Donegal	1-10	75.5	-	9	9	7.2	-	+1.9	10	0	29	01	N/A			-	-	0.27	-	14	-
	11-20	60.5	-	9	8	7.4	-	+1.2	16	0	32	01	N/A			-	-	0.21	-	14	-
	21-end	90.8	-	11	10	6.8	-	+1.2	29	0	29	00	N/A			-	-	0.15	-	14	-
	Month	226.8	-	29	27	7.1	-	+1.2	29	0	90	02	N/A			-	-	0.21	-	14	-
Glenties Co. Donegal	1-10	74.2	-	9	9	6.2	-	+0.8	09	0	21	00	-1.6	09	3	-	-	0.37	-	-	-
	11-20	56.0	-	8	8	6.9	-	+0.6	16	0	29	01	-3.0	16	2	-	-	0.66	-	-	-
	21-end	111.3	-	10	10	5.7	-	0.0	27	1	20	00	-1.6	27	5	-	-	N/A	-	-	-
	Month	241.5	152	27	27	6.2	-	0.0	27	1	70	01	-3.0	16	10	-	-		-	-	-

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

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

JANUARY, 1974

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	35.8	-	9	6	6.3	-	+1.1	10	0	23	01	-1.3	10	2	4.6	-	0.88	-	23	9
	11-20	50.5	-	8	7	7.0	-	+2.3	16	0	28	01	+0.4	16	0	5.3	-	0.49	-	27	10
	21-end	44.9	-	10	8	6.1	-	+0.5	29	0	23	00	-0.5	29	2	5.0	-	1.12	-	23	10
	Month	131.2	130	27	21	6.5	+1.3	+0.5	29	0	74	02	-1.3	10	4	5.0	-	0.84	63	24	29
Dublin Airport Co. Dublin	1-10	36.4	-	8	7	6.8	-	+1.5	10	0	27	02	-3.4	09	4	4.8	-	1.43	-	13	5
	11-20	23.4	-	7	6	7.4	-	+2.3	17	0	33	02	-2.8	20	3	5.4	-	2.82	-	17	9
	21-end	23.2	-	8	4	7.1	-	0.0	29	1	33	01	-3.4	29	4	5.4	-	2.09	-	13	7
	Month	83.0	118	23	17	7.1	+2.4	0.0	29	1	93	05	-3.4	29	11	5.2	+1.6	2.11	103	15	21
Kinsealy Co. Dublin	1-10	46.5	-	10	7	6.5	-	-1.7	10	2	26	01	-3.9	10	5	-	-	1.29	-	14	-
	11-20	25.7	-	6	5	7.3	-	-0.5	20	1	33	03	-6.4	20	2	-	-	2.82	-	12	-
	21-end	26.6	-	7	6	6.9	-	0.0	29	1	33	02	-3.5	29	5	-	-	2.04	-	12	-
	Month	98.8	-	23	18	6.9	-	-1.7	10	4	92	06	-6.4	10	12	-	-	2.05	-	13	-
Galway (Univ. Coll.) Co. Galway	1-10	77.3	-	10	8	6.8	-	+1.5	10	0	27	01				-	-	1.83	-		-
	11-20	53.4	-	8	6	7.4	-	+1.8	12	0	32	01	N/A			-	-	1.78	-	N/A	-
	21-end	59.1	-	10	10	6.4	-	+0.2	29	0	26	00				-	-	0.89	-		-
	Month	189.8	-	28	24	6.8	-	+0.2	29	0	85	02				-	-	1.48	-		-
Killarney (Muckross Hse) Co. Kerry	1-10	193.8	-	10	10	7.3	-	-0.5	10	1	32	02	-3.3	10	2	-	-	0.90	-	-	-
	11-20	118.0	-	7	7	8.2	-	-0.1	16	1	40	03	-1.8	16	1	-	-	0.87	-	-	-
	21-end	211.3	-	11	9	7.2	-	+1.3	31	0	34	02	-3.2	29	4	-	-	0.73	-	-	-
	Month	523.1	-	28	26	7.6	-	-0.5	10	2	106	07	-3.3	10	7	-	-	0.83	-	-	-
Cahirciveen (Valentia Obsy.) Co. Kerry	1-10	132.7	-	10	10	7.8	-	+3.1	08	0	36	02	-0.6	10	1	7.0	-	1.52	-	17	10
	11-20	61.4	-	6	6	8.7	-	+2.1	11	0	43	04	+1.4	11	0	7.5	-	1.23	-	19	8
	21-end	125.6	-	10	10	7.4	-	-0.6	29	1	37	03	-2.6	29	2	6.6	-	0.98	-	15	9
	Month	319.7	194	26	26	7.0	+1.4	-0.6	29	1	116	09	-2.6	29	3	7.0	+1.4	1.24	78	17	27
Tralee (Caherweesheen) Co. Kerry	1-10	121.8	-	10	10	7.2	-	+0.9	10	0	30	02	-3.3	10	5	-	-	1.36	-	-	-
	11-20	64.6	-	7	6	8.6	-	+2.9	11	0	42	05	+0.7	11	0	-	-	1.82	-	-	-
	21-end	110.5	-	10	10	6.6	-	+0.1	29	0	28	01	-4.0	29	7	-	-	1.32	-	-	-
	Month	296.9	-	27	26	7.4	-	+0.1	29	0	100	08	-4.0	29	12	-	-	1.49	-	-	-

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

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

JANUARY, 1974

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	Hr	%	Kt					
Lullymore Co. Kildare	1-10	54.4	-	10	10	6.0	-	-1.5	01	3	22	01	-4.7	01	4	-	-	1.16	-	16	-
	11-20	28.1	-	6	6	6.8	-	+0.6	17	0	28	01	-1.8	17	3	-	-	1.75	-	16	-
	21-end	41.1	-	8	7	5.3	-	-1.5	29	2	20	00	-3.2	29	6	-	-	1.52	-	14	-
	Month	123.6	-	24	23	6.0	-	-1.5	29	5	70	02	-4.7	01	13	-	-	1.48	-	15	-
Kilkenny Co. Kilkenny	1-10	92.8	-	9	9	6.2	-	-2.8	09	2	26	02	-5.9	09	5	5.2	-	1.36	-	11	8
	11-20	37.3	-	7	6	7.2	-	+1.7	14	0	31	03	-2.1	14	2	5.6	-	2.09	-	11	5
	21-end	69.9	-	8	8	6.1	-	-3.0	29	3	27	01	6.9	29	4	5.4	-	1.56	-	10	7
	Month	200.0	221	24	23	6.5	+2.1	-3.0	29	5	84	06	-6.9	29	11	5.4	+1.9	1.67	85	11	20
Monrobin (Silverstown) Co. Kilkenny	1-10	117.5	-	10	9	6.9	-	-2.6	01	3	32	02	-7.1	10	6	-	-	1.75	-	-	-
	11-20	48.9	-	6	6	8.1	-	+2.9	17	0	39	03	-1.1	14	4	-	-	2.11	-	-	-
	21-end	108.7	-	10	9	6.6	-	-2.0	29	1	30	01	-7.5	29	8	-	-	1.53	-	-	-
	Month	275.1	-	26	25	7.2	-	-2.6	01	4	101	06	-7.5	29	18	-	-	1.79	-	-	-
Ballinamore Co. Leitrim	1-10	63.8	-	9	7	5.3	-	-2.0	01	3	18	01	-4.1	10	6	-	-	1.08	-	10	-
	11-20	43.0	-	9	8	6.2	-	+0.5	16	0	24	00	-2.1	16	5	-	-	0.95	-	10	-
	21-end	42.0	-	10	9	5.5	-	-0.3	30	1	20	00	-2.3	30	5	-	-	0.98	-	10	-
	Month	148.8	-	28	24	5.7	-	-2.0	01	4	62	01	-4.1	10	16	-	-	1.00	-	10	-
Ardee (Boharnamore) Co. Louth	1-10	55.7	-	10	7	6.1	-	-2.2	01	2	23	01				-	-	-	-	-	-
	11-20	28.7	-	7	6	7.0	-	+1.1	16	0	31	02				-	-	-	-	-	-
	21-end	55.6	-	9	7	6.1	-	-1.5	29	2	25	00	N/A			-	-	-	-	-	-
	Month	140.0	-	26	20	6.4	-	-2.2	01	4	79	03				-	-	-	-	-	-
Ballinrobe (Creagh) Co. Mayo	1-10	91.3	-	10	10	6.4	-	+0.9	09	0	23	00	-5.2	10	5	-	-	1.28	-	9	-
	11-20	66.2	-	8	7	7.4	-	+1.2	11	0	32	02	-2.2	16	3	-	-	N/A	-	8	-
	21-end	76.3	-	10	10	6.2	-	+0.2	31	0	25	00	-4.2	29	5	-	-	0.88	-	8	-
	Month	233.8	-	28	27	6.6	-	+0.2	31	0	80	02	-5.2	10	13	-	-	N/A	-	8	-
Belmullet Co. Mayo	1-10	85.5	-	10	10	7.1	-	+3.1	10	0	31	00	+1.8	09	0	6.1	-	0.87	-	20	10
	11-20	54.2	-	8	7	7.4	-	+1.0	16	0	32	01	+0.2	16	0	6.3	-	0.48	-	23	9
	21-end	66.1	-	10	10	6.7	-	+1.3	27	0	29	00	+0.6	28	0	5.9	-	1.08	-	18	8
	Month	203.8	157	28	27	7.0	+1.2	+1.0	16	0	92	01	+0.2	16	0	6.1	+1.4	0.82	51	20	27

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

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

JANUARY, 1974

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 4.0°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					
Claremorris e Co. Mayo	1-10	90.6	-	10	10	5.7	-	+0.4	09	0	18	00	-2.4	10	2	4.7	-	1.55	-	13	6
	11-20	56.1	-	8	6	6.6	-	+1.6	15	0	26	00	-1.0	16	2	5.3	-	1.35	-	14	6
	21-end	58.3	-	10	9	5.6	-	-0.5	29	1	20	00	-2.0	31	3	4.8	-	0.81	-	12	7
	Month	205.0	169	28	25	6.0	+1.8	-0.5	29	1	64	00	-2.4	10	7	4.9	+1.5	1.22	72	13	19
Glenamoy Co. Mayo	1-10	90.8	-	10	10	6.3	-	-2.0	10	1	23	00	-2.4	10	2	-	-	1.06	-	-	-
	11-20	66.8	-	9	8	6.9	-	-0.5	16	1	30	01	-2.1	16	1	-	-	0.38	-	N/A	-
	21-end	88.4	-	10	10	5.9	-	0.0	28	1	23	00	-1.3	31	4	-	-	0.60	-	-	-
	Month	246.0	-	29	28	6.4	-	-2.0	10	3	76	01	-2.4	10	7	-	-	0.68	-	-	-
Dunsany (Grange) Co. Meath	1-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21-end	N/A	-	-	-	N/A	-	N/A	-	-	N/A	-	-	-	-	-	-	N/A	-	N/A	-
	Month	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clones e Co. Monaghan	1-10	52.3	-	9	7	5.8	-	-0.1	09	1	20	01	-4.4	10	3	4.5	-	0.76	-	16	6
	11-20	31.2	-	9	7	6.1	-	+0.8	11	0	22	00	-2.6	16	2	4.8	-	1.11	-	15	8
	21-end	35.5	-	9	9	5.7	-	-1.5	29	1	21	00	-3.9	29	3	4.9	-	0.67	-	14	5
	Month	119.0	130	27	23	5.8	+2.0	-1.5	29	2	63	01	-4.4	10	8	4.7	+1.7	0.84	50	15	19
Birr e Co. Offaly	1-10	62.0	-	10	9	6.5	-	+0.9	29	0	25	01	-2.9	10	4	5.1	-	1.58	-	12	5
	11-20	28.4	-	6	6	6.9	-	+1.8	11	0	29	02	-1.7	17	4	5.7	-	1.88	-	13	6
	21-end	55.0	-	10	8	6.2	-	-1.0	29	1	25	00	-3.8	29	3	5.3	-	1.61	-	10	5
	Month	145.4	174	26	23	6.5	+2.1	-1.0	29	1	79	03	-3.8	29	11	5.3	+1.7	1.69	95	11	16
Thurles Co. Tipperary	1-10	98.7	-	10	10	6.3	-	-1.8	01	3	25	01	-5.9	09	5	-	-	1.47	-	-	-
	11-20	34.5	-	6	6	6.9	-	-0.1	11	1	28	01	-1.6	14	4	-	-	2.04	-	-	-
	21-end	79.6	-	10	8	5.8	-	-2.2	29	1	22	00	-5.0	31	4	-	-	1.05	-	-	-
	Month	212.8	213	26	24	6.3	+1.9	-2.2	29	5	75	02	-5.9	09	13	-	-	1.51	-	-	-
Dungarvan (Ballygagin) Co. Waterford	1-10	121.1	-	10	8	7.1	-	-1.4	09	2	32	02	-6.5	10	5	-	-	1.59	-	9	-
	11-20	49.0	-	6	6	7.9	-	+2.0	14	0	37	02	-2.2	14	3	-	-	1.12	-	10	-
	21-end	113.6	-	10	10	6.8	-	-1.6	29	3	32	01	-8.0	29	4	-	-	1.45	-	10	-
	Month	283.7	-	26	24	7.3	-	-1.6	29	5	101	05	-8.0	29	12	-	-	1.39	-	10	-

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

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

JANUARY, 1974

STATION	PERIOD	RAINFALL				TEMPERATURE											BRIGHT SUNSHINE		WIND		
		Amount mm	Percentage of Average %	No. of Rain Days	No. of Wet Days	AIR					GROUND			SOIL(10cm)			Mean Daily Hr	Percentage of Average %	Mean Speed Kt	No. of Days with Gale Gusts	
						Mean Daily °C	Difference from Average °C	Lowest Minimum °C	Day	No. of Days with Air Frost	Degree Days Above 4.4°C	Degree Days Above 10.0°C	Lowest Grass Minimum °C	Day	No. of Days with Ground Frost	Mean Daily °C					Difference from Average °C
Mullingar Co. Westmeath	1-10	49.0	-	9	7	5.5	-	-1.0	09	2	17	01	-3.0	10	4	4.4	-	1.23	-	15	7
	11-20	36.2	-	8	6	6.3	-	+1.2	11	0	24	01	-0.4	16	1	5.0	-	2.02	-	16	9
	21-end	50.0	-	10	8	5.5	-	-1.5	29	1	20	00	-2.9	29	4	4.9	-	1.50	-	14	7
	Month	135.2	148	27	21	5.8	+1.9	-1.5	29	3	61	02	-3.0	10	9	4.8	+1.6	1.58	82	15	23
Campile (Ballysop) Co. Wexford	1-10	107.3	-	10	10	6.1	-	+0.1	09	0	23	01	-3.6	09	5	-	-	1.24	-	-	-
	11-20	40.4	-	6	6	7.1	-	+2.4	17	0	31	02	-1.3	17	1	-	-	1.28	-	N/A	-
	21-end	78.6	-	8	8	6.3	-	-1.8	29	1	27	00	-7.4	29	4	-	-	1.24	-	-	-
	Month	226.3	-	24	24	6.5	-	-1.8	29	1	81	03	-7.4	29	10	-	-	1.25	-	-	-
Clonroche Co. Wexford	1-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.58	-	-	-
	11-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.71	-	-	-
	21-end	N/A	-	-	-	N/A	-	N/A	-	N/A	-	N/A	-	-	-	-	-	1.55	-	N/A	-
	Month	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.61	-	-	-
Jonestown Castle Co. Wexford	1-10	105.0	-	10	10	7.0	-	0.0	10	1	29	01	-6.0	10	5	-	-	1.29	-	14	-
	11-20	31.9	-	6	6	7.4	-	+2.3	17	0	32	01	-1.5	14	3	-	-	1.12	-	14	-
	21-end	87.3	-	10	9	6.6	-	-0.7	29	1	29	00	-4.5	27	3	-	-	1.56	-	12	-
	Month	224.2	188	26	25	7.0	-	-0.7	29	2	90	02	-6.0	10	11	-	-	1.33	-	13	-
Rosslare Co. Wexford	1-10	103.9	-	9	8	7.9	-	+3.1	09	0	36	01	-0.6	09	3	6.5	-	1.59	-	19	8
	11-20	32.3	-	6	6	8.1	-	+3.5	11	0	38	02	+1.5	14	0	7.0	-	1.17	-	18	8
	21-end	67.1	-	11	9	7.5	-	+0.6	29	0	37	01	-2.8	29	3	6.7	-	1.87	-	16	8
	Month	203.3	202	26	23	7.8	+1.6	+0.6	29	0	111	04	-2.8	29	6	6.7	+1.8	1.55	70	18	24

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TABLE 2.

SOLAR RADIATION (GLOBAL), POTENTIAL EVAPOTRANSPIRATION (P.E.) AND SOIL MOISTURE JANUARY, 1974

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	-	17	0	0	56
	11-20	-	6	0	0	24
	21-end	-	22	0	0	40
	Month	-	45	-	-	-
Kinsealy Co. Dublin	1-10	1677	0	0	0	48
	11-20		3	0	0	23
	21-end	N/A	13	0	0	14
	Month		16	-	-	-
Cahirciveen e (Valentia Obsy.) Co. Kerry	1-10	2097	12	0	0	118
	11-20	2293	0	0	0	75
	21-end	2361	16	0	0	100
	Month	6751	28	-	-	-
Kilkenny e Co. Kilkenny	1-10	2170	-	-	-	-
	11-20	2973	-	-	-	-
	21-end	3289	-	-	-	-
	Month	8432	-	-	-	-
Ballinamore Co. Leitrim	1-10	1869	11	0	0	53
	11-20	1849	0	0	0	64
	21-end	2705	2	0	0	40
	Month	6423	13	-	-	-
Glenamoy Co. Mayo	1-10	1853	10	0	0	81
	11-20	1634	13	0	0	60
	21-end	2054	4	0	0	84
	Month	5541	27	-	-	-
Birr e Co. Offaly	1-10	2079	-	-	-	-
	11-20	2592	-	-	-	-
	21-end	3172	-	-	-	-
	Month	7843	-	-	-	-
Johnstown Castle Co. Wexford	1-10	-	25	0	0	80
	11-20	-	3	0	0	29
	21-end	-	28	0	0	59
	Month	-	56	-	-	-

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