



# AGROMETEOROLOGICAL BULLETIN

DECEMBER 1974

## The weather during December

Under the influence of a southwesterly airflow which prevailed throughout most of the month, weather conditions during December were generally mild, cloudy and moist. Although there were few days which were completely dry, daily rainfall amounts were mostly small especially during the first half of the month; falls were, however, more appreciable during the period 20th-27th. The mild and moist conditions favoured growth and, with soil temperatures at 10cm depth over 6°C for most of the time, pastures were providing welcome grazing at the year's end. Although strong winds affected most places at intervals during the month, particularly during the last week, there was a general absence of wintry weather and conditions for outwintered stock were much more favourable than usual for December.

Mean air temperatures were generally about 1.5°C above normal in coastal areas and 2.5°C to 3.0°C above normal inland; at Birr, Dublin (Phoenix Park) and Tralee (Caherweesheen) it was the warmest December in 40 years. Apart from the night of 29th/30th when air temperatures dropped 1°C to 3°C below 0°C in many inland places, there was an almost complete absence of air frost.

Weather fronts moving northeastwards across the country, brought frequent outbreaks of rain to all areas but in most places rainfall amounts over the month were below the December normal; near eastern and southern coasts amounts were only 40% to 50% of normal. Over much of the northwest and in a small area of North Munster, however, moderate to heavy falls just before and during the Christmas period brought monthly rainfall totals to 100% - 130% of normal.

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.

TABLE 1.

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

DECEMBER, 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
Carlow (Oak Park) Co. Carlow	1-10	11.0	-	7	3	8.3	-	+1.0	10	0	41	6	-1.2	10	3	-	-	1.21	-	10	-
	11-20	9.6	-	7	4	7.0	-	+1.0	11	0	31	2	-2.2	12	4	-	-	0.88	-	13	-
	21-end	27.7	-	9	7	8.6	-	-1.2	30	1	49	6	-7.3	30	3	-	-	1.45	-	14	-
	Month	48.3	-	23	14	8.0	-	-1.2	30	1	121	14	-7.3	30	10	-	-	1.19	-	14	-
Shannon Airport e Co. Clare	1-10	25.5	-	10	6	9.3	-	+3.3	09	0	50	7	+0.4	10	0	8.2	-	0.80	-	15	6
	11-20	30.6	-	9	7	8.3	-	+3.5	11	0	38	3	+1.3	11	0	7.1	-	0.48	-	17	6
	21-end	30.7	-	9	8	9.5	-	+1.4	30	0	57	10	-3.9	30	1	8.1	-	1.23	-	18	6
	Month	86.8	81	28	21	9.1	+3.0	+1.4	30	0	145	20	-3.9	30	1	7.8	+2.1	0.85	60	17	18
Fermoy (Moore Park) Co. Cork	1-10	4.2	-	8	1	8.6	-	+1.1	10	0	44	5	-4.6	10	5	-	-	1.07	-	N/A	-
	11-20	20.6	-	10	5	7.4	-	+0.5	15	0	33	2	-4.8	15	4	-	-	0.65	-	-	-
	21-end	29.9	-	9	7	9.1	-	-3.1	30	2	57	9	-8.2	30	3	-	-	0.45	-	-	-
	Month	54.7	-	27	13	8.4	-	-3.1	30	2	134	16	-8.2	30	12	-	-	0.72	-	-	-
Mallow Co. Cork	1-10	7.7	-	5	4	8.9	-	+1.7	09	0	47	7	-2.5	09	2	-	-	1.22	-	-	-
	11-20	20.6	-	9	5	7.8	-	+3.2	11	0	35	3	-1.5	15	2	-	-	0.56	-	-	-
	21-end	46.4	-	8	8	9.1	-	-1.2	30	1	55	8	-1.5	30	3	-	-	0.97	-	-	-
	Month	74.7	65	22	17	8.6	-	-1.2	30	1	137	18	-1.5	30	7	-	-	0.92	-	-	-
Roche's Point e Co. Cork	1-10	2.4	-	4	1	9.2	-	+3.5	09	0	48	5	+1.1	09	0	8.5	-	1.56	-	15	4
	11-20	16.9	-	5	3	8.3	-	+4.3	11	0	39	2	+1.6	15	0	7.4	-	0.80	-	20	8
	21-end	22.9	-	11	5	9.2	-	+2.6	30	0	57	7	-2.2	30	2	8.9	-	1.13	-	21	7
	Month	42.2	42	20	9	9.0	+1.7	+2.6	30	0	144	14	-2.2	30	2	8.2	+1.5	1.16	70	19	19
Glencolumbkille Co. Donegal	1-10	42.0	-	10	8	8.3	-	+3.3	09	0	40	2	-	-	-	-	-	0.17	-	12	-
	11-20	57.0	-	10	10	7.4	-	+2.5	11	0	31	1	-	-	-	-	-	0.05	-	12	-
	21-end	57.7	-	11	8	8.8	-	+3.5	25	0	49	5	N/A	N/A	-	-	-	0.18	-	9	-
	Month	156.7	-	31	26	8.2	-	+2.5	11	0	120	8	-	-	-	-	-	0.13	-	11	-
Glenties Co. Donegal	1-10	55.9	-	10	8	7.7	-	+1.8	10	0	35	3	-1.5	03	3	-	-	0.34	-	-	-
	11-20	62.7	-	10	10	6.5	-	+0.3	11	0	26	1	-1.0	12	3	-	-	0.14	-	-	-
	21-end	65.0	-	11	10	8.1	-	0.0	30	1	43	4	-5.5	30	3	-	-	0.39	-	-	-
	Month	183.6	104	31	28	7.4	-	0.0	30	1	104	8	-5.5	30	9	-	-	0.29	-	-	-

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

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

DECEMBER, 1975

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 Cross Minimum	Day	No. of Days with Ground Frost	Mean Daily					Difference from Average
Malin Head Co. Donegal	1-10	49.3	-	8	8	8.2	-	+1.9	10	0	39	4	+0.2	09	0	7.2	-	0.46	-	23	10
	11-20	33.0	-	10	10	6.7	-	+1.8	11	0	25	1	+0.5	11	0	5.6	-	0.27	-	23	10
	21-end	48.2	-	11	8	8.7	-	+2.9	25	0	49	5	+1.3	24	0	6.9	-	0.82	-	21	11
	Month	130.5	126	29	26	7.9	+1.5	+1.8	11	0	113	10	+0.2	09	0	6.	-	0.53	54	22	31
Dublin Airport Co. Dublin	1-10	9.3	-	6	1	8.7	-	+2.4	10	0	44	7	+1.0	10	0	7.2	-	1.87	-	16	6
	11-20	11.2	-	7	6	6.9	-	+1.2	11	0	28	2	-0.4	11	1	5.	-	1.03	-	17	9
	21-end	17.4	-	7	4	9.4	-	+0.9	30	0	57	10	-1.4	30	1	7.4	-	2.15	-	18	7
	Month	37.9	50	20	11	8.4	+2.7	+0.9	30	0	129	18	-1.4	30	2	6.8	+2.2	1.70	102	17	22
Kinsealy Co. Dublin	1-10	2.1	-	6	2	8.7	-	+2.9	10	0	44	7	-0.3	01	1	-	-	1.81	-	12	-
	11-20	3.9	-	8	4	7.1	-	+1.0	11	0	30	3	-0.8	12	2	-	-	1.03	-	12	-
	21-end	13.5	-	7	4	9.4	-	+0.9	30	0	56	9	-2.0	30	3	-	-	2.12	-	13	-
	Month	31.5	-	21	10	8.4	-	+0.9	30	0	130	19	-2.0	30	6	-	-	1.7	-	13	-
Galway (Univ. Coll.) Co. Galway	1-10	26.4	-	9	7	8.4	-	+2.8	10	0	41	3						0.64	-		
	11-20	34.4	-	9	9	7.2	-	+0.5	17	0	32	2						0.51	-	N/A	
	21-end	51.1	-	9	8	8.8	-	+1.5	30	0	49	5						1.12	-		
	Month	111.9	-	27	24	8.2	-	+0.5	17	0	122	10						0.77	-		
Killarney (Muckross Hse) Co. Kerry	1-10	18.9	-	7	4	9.7	-	+2.8	09	0	54	9	+0.6	09	0	-	-	0.38	-	-	-
	11-20	48.6	-	10	9	8.7	-	+4.2	11	0	43	3	+2.0	11	0	-	-	0.13	-	-	-
	21-end	114.6	-	10	8	9.8	-	+0.7	30	0	62	7	-3.0	30	2	-	-	0.30	-	-	-
	Month	182.1	-	27	21	9.4	-	+0.7	30	0	159	19	-3.0	30	2	-	-	0.27	-	-	-
Cahirciveen (Valentia Obsy.) Co. Kerry	1-10	15.7	-	8	6	9.7	-	+4.0	09	0	53	7	+2.9	09	0	9.0	-	0.91	-	16	7
	11-20	33.5	-	9	7	9.0	-	+4.9	11	0	46	3	+3.5	11	0	8.2	-	0.38	-	17	7
	21-end	44.1	-	10	9	9.5	-	+0.8	30	0	58	9	-2.2	30	1	9.1	-	0.86	-	19	8
	Month	93.3	56	27	22	9.4	+1.6	+0.8	30	0	157	19	-2.2	30	1	8.8	+2.0	0.72	55	17	22
Tralee (Caherweesheen) Co. Kerry	1-10	16.7	-	7	4	9.6	-	+2.7	10	0	54	11	-1.2	10	3	-	-	1.24	-	-	-
	11-20	33.5	-	10	8	8.5	-	+4.2	15	0	42	4	0.0	15	1	-	-	0.35	-	-	-
	21-end	63.3	-	10	10	10.1	-	-0.1	30	1	66	14	-5.7	30	3	-	-	1.05	-	-	-
	Month	113.5	-	27	22	9.4	-	-0.1	30	1	162	29	-5.7	30	7	-	-	0.88	-	-	-

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TABLE 1. (Continued)

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DECEMBER, 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					
Lullymore Co. Kildare	1-10	11.5	-	8	3	7.8	-	+0.9	10	0	37	4	-2.1	10	2	-	-	1.18	-	-	-
	11-20	20.1	-	9	6	6.3	-	+0.1	11	0	24	1	-2.6	11	5	-	-	0.61	-	-	-
	21-end	26.1	-	7	6	8.3	-	-0.6	30	1	47	6	-4.4	30	4	-	-	1.55	-	N/A	-
	Month	57.7	-	24	15	7.5	-	-0.6	30	1	108	11	-4.4	30	11	-	-	1.13	-	-	-
Kilkenny Co. Kilkenny	1-10	12.4	-	9	2	8.7	-	+1.6	10	0	42	7	-0.3	10	1	7.5	-	1.11	-	8	3
	11-20	17.6	-	10	4	7.3	-	+1.7	11	0	31	2	-0.2	11	1	6.2	-	0.50	-	10	5
	21-end	30.2	-	9	8	8.8	-	-3.1	30	3	54	9	-0.5	30	3	7.8	-	1.21	-	11	8
	Month	60.2	64	28	14	8.3	+3.0	-3.1	30	3	127	18	-0.5	30	5	7.2	+2.6	0.97	63	10	16
Monaghan (Silver Springs) Co. Kilkenny	1-10	5.4	-	6	1	9.0	-	+0.8	10	0	48	8	-5.6	10	4	-	-	1.34	-	-	-
	11-20	19.6	-	6	5	7.6	-	+1.7	12	0	34	2	-4.5	12	6	-	-	1.20	-	-	-
	21-end	33.3	-	8	7	9.2	-	-2.6	30	1	57	9	-9.4	30	3	-	-	1.09	-	-	-
	Month	58.3	-	20	13	8.6	-	-2.6	30	1	139	19	-9.4	30	13	-	-	1.21	-	-	-
Ballinamore Co. Leitrim	1-10	42.3	-	9	8	7.3	-	+1.2	09	0	33	3	-0.5	10	2	-	-	0.70	-	10	-
	11-20	44.7	-	9	9	6.6	-	+0.1	11	0	25	1	-0.2	11	2	-	-	0.36	-	11	-
	21-end	66.7	-	11	11	8.0	-	-0.1	30	1	43	4	-1.3	30	3	-	-	0.60	-	10	-
	Month	153.7	-	29	28	7.3	-	-0.1	30	1	101	8	-1.3	30	7	-	-	0.55	-	10	-
Ardee (Boharnamee) Co. Louth	1-10	12.8	-	6	2	7.8	-	+1.1	10	0	37	4	-1.2	10	3	-	-	-	-	-	-
	11-20	13.3	-	9	6	6.8	-	0.0	11	1	28	2	-2.5	11	4	-	-	-	-	-	-
	21-end	27.6	-	8	5	8.5	-	-0.3	30	1	49	8	-3.9	30	4	-	-	-	-	-	-
	Month	53.7	-	23	13	7.7	-	-0.3	30	2	114	14	-3.9	30	11	-	-	-	-	-	-
Ballinrobe (Creagh) Co. Mayo	1-10	32.7	-	9	8	8.5	-	+2.2	10	0	43	4	-0.1	10	2	-	-	0.49	-	11	-
	11-20	50.9	-	10	9	7.4	-	+1.1	11	0	32	2	-2.9	11	1	-	-	0.50	-	12	-
	21-end	76.9	-	11	9	8.5	-	+2.1	25	0	46	5	-6.1	31	4	-	-	0.59	-	11	-
	Month	160.5	-	30	26	8.1	-	+1.1	11	0	121	11	-6.1	31	7	-	-	0.54	-	11	-
Belmullet Co. Mayo	1-10	32.8	-	9	7	8.4	-	+3.4	09	0	41	4	+1.7	03	0	7.7	-	0.63	-	19	8
	11-20	38.2	-	10	9	7.9	-	+2.1	11	0	37	2	+1.5	11	0	6.8	-	0.21	-	19	8
	21-end	48.8	-	11	9	8.9	-	+2.9	24	0	50	4	+0.1	24	0	7.9	-	0.67	-	18	10
	Month	119.8	85	30	25	8.4	+1.6	+2.1	11	0	128	10	+0.1	24	0	7.5	+1.4	0.51	46	19	26

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TABLE 1. (Continued)

## RAINFALL, TEMPERATURE, SUNSHINE AND WIND

DECEMBER, 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 Co. Mayo	1-10	32.7	-	8	6	8.0	-	+2.3	09	0	38	4	-0.5	03	1	7.1	-	0.53	-	14	5
	11-20	36.5	-	10	8	7.1	-	+1.1	11	0	29	1	-0.4	11	1	6.0	-	0.53	-	16	7
	21-end	52.0	-	11	8	8.2	-	+0.1	30	0	45	4	-5.3	30	3	7.3	-	0.75	-	16	8
	Month	121.2	93	29	22	7.8	+2.6	+0.1	30	0	112	9	-5.3	30	5	6.8	+2.3	0.61	47	15	20
Glenamoy Co. Mayo	1-10	39.2	-	9	7	7.9	-	+2.4	03	0	37	3	+0.4	03	0	-	-	0.45	-	-	-
	11-20	55.9	-	10	10	7.0	-	+1.4	11	0	30	1	-0.5	11	1	-	-	0.07	-	N/A	-
	21-end	59.1	-	11	9	8.5	-	+0.8	30	0	48	5	-1.5	24	3	-	-	0.55	-	-	-
	Month	154.2	93	30	24	7.8	-	+0.8	30	0	115	9	-1.5	24	4	-	-	0.36	-	-	-
Dunsany (Grange) Co. Meath	1-10	18.1	-	8	3	7.5	-	+1.5	09	0	34	3	-1.2	09	3	-	-	1.35	-	-	-
	11-20	20.3	-	8	7	6.2	-	+0.5	11	0	23	1	-2.1	11	4	-	-	0.39	-	N/A	-
	21-end	33.9	-	9	7	8.1	-	0.0	30	1	44	4	-6.0	30	3	-	-	1.25	-	-	-
	Month	72.3	-	25	17	7.3	+2.4	0.0	30	1	101	8	-6.0	30	10	-	-	1.01	-	-	-
Clones Co. Monaghan	1-10	30.6	-	9	5	7.4	-	+1.1	09	0	33	3	-1.2	03	3	6.7	-	0.88	-	12	7
	11-20	32.7	-	9	8	6.2	-	+0.5	11	0	24	1	-1.6	11	3	5.4	-	0.44	-	13	7
	21-end	36.1	-	10	5	8.3	-	+0.5	30	0	46	5	+4.7	30	3	6.9	-	0.79	-	14	6
	Month	99.4	99	28	18	7.4	+2.6	+0.5	30	0	103	9	-4.7	30	9	6.4	+2.2	0.71	61	13	20
Birr Co. Offaly	1-10	17.8	-	8	6	8.7	-	+2.1	09	0	44	6	-0.5	09	1	7.6	-	0.82	-	9	4
	11-20	22.1	-	9	5	7.3	-	+1.6	11	0	31	2	-0.9	11	1	6.2	-	0.75	-	10	5
	21-end	36.8	-	9	8	9.0	-	+0.4	30	0	53	8	-4.4	30	2	7.5	-	1.37	-	11	6
	Month	76.7	87	26	19	8.4	+3.1	+0.4	30	0	128	16	-4.4	30	4	7.1	+2.4	0.99	74	10	15
Thurles Co. Tipperary	1-10	21.9	-	7	4	-	-	-	-	-	-	-	-	-	-	-	-	1.01	-	-	-
	11-20	21.5	-	9	5	N/A	-	N/A	-	-	N/A	-	N/A	-	-	-	-	0.19	-	-	-
	21-end	42.3	-	9	9	-	-	-	-	-	-	-	-	-	-	-	-	N/A	-	-	-
	Month	85.7	82	25	18	-	-	-	-	-	-	-	-	-	-	-	-	N/A	-	-	-
Dungarvan (Ballygagin) Co. Waterford	1-10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11-20	N/A	-	-	N/A	-	-	N/A	-	-	N/A	-	N/A	-	-	-	-	N/A	-	N/A	-
	21-end	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Month	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

DECEMBER, 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	°C	°C	°C	°C	°C	°C	Hr	%	Kt					
Mullingar Co. Westmeath	1-10	15.7	-	8	5	7.9	-	+1.5	09	0	37	3	-1.7	09	2	7.1	-	1.32	-	14	6
	11-20	27.5	-	8	7	6.5	-	+0.1	11	0	25	1	-1.5	11	2	5.7	-	0.83	-	15	7
	21-end	43.2	-	9	6	8.4	-	-1.4	30	1	47	5	-4.8	30	3	7.1	-	1.38	-	16	8
	Month	86.4	86	25	18	7.7	+2.9	-1.4	30	1	109	9	-4.8	30	7	6.6	+2.4	1.18	81	15	21
Campile (Ballysop) Co. Wexford	1-10	4.2	-	8	1	8.0	-	+0.4	10	0	39	3	-2.5	09	2	-	-	1.05	-	-	-
	11-20	20.5	-	8	4	6.8	-	+1.5	12	0	28	1	-2.9	12	8	-	-	0.59	-	N/A	-
	21-end	35.1	-	9	6	8.5	-	-1.1	30	1	49	4	-5.5	30	3	-	-	0.91	-	-	-
	Month	59.8	-	25	11	7.8	-	-1.1	30	1	116	8	-5.5	30	13	-	-	0.85	-	-	-
Clunroche Co. Wexford	1-10	10.0	-	7	2	8.4	-	+0.3	10	0	36	3	-5.4	10	2	-	-	1.19	-	7	-
	11-20	29.2	-	6	6	6.6	-	+1.1	15	0	27	1	-4.7	15	4	-	-	0.76	-	8	-
	21-end	36.9	-	10	5	8.5	-	-1.0	30	1	48	4	-6.6	30	3	-	-	0.91	-	9	-
	Month	76.1	-	23	13	7.9	-	-1.0	30	1	111	8	-6.6	30	9	-	-	0.95	-	8	-
Johnstown Castle Co. Wexford	1-10	6.0	-	7	2	8.0	-	+1.6	10	0	38	2	-2.5	10	3	-	-	1.29	-	10	-
	11-20	21.5	-	7	3	7.0	-	+1.8	11	0	29	1	-1.5	15	6	-	-	0.88	-	11	-
	21-end	25.9	-	8	4	8.8	-	+0.4	30	0	50	4	-5.2	30	3	-	-	1.07	-	14	-
	Month	53.4	45	22	9	7.9	-	+0.4	30	0	117	7	-5.2	30	12	-	-	1.08	-	12	-
Rosslare Co. Wexford	1-10	4.4	-	5	1	8.8	-	+3.5	10	0	44	3	-0.1	10	1	8.1	-	1.81	-	12	6
	11-20	14.1	-	6	4	7.8	-	+3.0	11	0	35	1	+0.4	18	0	6.7	-	1.23	-	14	7
	21-end	22.7	-	7	5	9.0	-	+1.2	30	0	53	5	-0.2	30	1	8.1	-	1.41	-	17	9
	Month	41.2	44	18	10	8.6	+1.5	+1.2	30	0	132	9	-0.2	30	2	7.1	+1.6	1.55	81	15	22

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

TABLE 2.

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

STATION	PERIOD	SOLAR RADIATION	P.E.	SOIL MOISTURE		
		Amount	Amount	Deficit	Accumulated Deficit	Surplus
		Joule/cm <sup>2</sup>	mm	mm	mm	mm
Carlow (Oak Park) Co. Carlow	1-10	-	5	0	0	6
	11-20	-	0	0	0	11
	21-end	-	0	0	0	32
	Month	-	5	-	-	-
Kinsealy Co. Dublin	1-10		12	3	3	0
	11-20	N/A	4	0	0	5
	21-end		8	0	0	6
	Month		24	-	-	-
Cahirciveen e (Valentia Obsy.) Co. Kerry	1-10	1755	1	0	0	16
	11-20	1562	7	0	0	24
	21-end	1684	0	0	0	57
	Month	5011	8	-	-	-
Kilkenny e Co. Kilkenny	1-10	2202	-	-	-	-
	11-20	2052	-	-	-	-
	21-end	2101	-	-	-	-
	Month	6355	-	-	-	-
Ballinamore Co. Leitrim	1-10	1554	7	0	0	36
	11-20	1548	4	0	0	41
	21-end	1409	0	0	0	69
	Month	4511	10	-	-	-
Glenamoy Co. Mayo	1-10	1443	0	0	0	40
	11-20	1243	0	0	0	61
	21-end	1391	0	0	0	59
	Month	4077	0	-	-	-
Birr e Co. Offaly	1-10	1646	-	-	-	-
	11-20	1801	-	-	-	-
	21-end	2153	-	-	-	-
	Month	5600	-	-	-	-
Johnstown Castle Co. Wexford	1-10	-	3	0	0	3
	11-20	-	8	0	0	13
	21-end	-	0	0	0	27
	Month	-	11	-	-	-

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