



## AGROMETEOROLOGICAL BULLETIN

SEPTEMBER 1974

### The weather during September

September was wet and cold and conditions were generally very unsuitable for harvesting. Rainfall was above normal in all areas and few places had more than two consecutive dry days during the month. With frequent, and, at times, heavy falls of rain, ground conditions were very difficult while crops in many areas were damaged by heavy rain and strong winds, especially in southern districts during the first week of the month. These harsh conditions were also unfavourable for livestock and milk production was reported to be markedly lower than in September 1973 in the main dairying areas of Munster.

Over the country generally, rainfall amounts were over 120% of normal and in parts of Munster they were over 180% of normal September totals. At Cahirciveen, where the monthly rainfall was 225.2mm, it was the wettest September since 1875 and at Shannon Airport the recorded rainfall of 168.5mm was the highest September total since records are available there (1939)

Mean air temperatures were well below normal everywhere, ranging from 1.7°C below normal at Malin Head and Shannon Airport to 2.4°C below normal at Kilkenny. At Roche's Point, Cahirciveen, Claremorris and Mullingar mean air temperatures were the lowest for September since records are available at those stations i.e. Roche's Point, 1876; Cahirciveen, 1892; Claremorris, and Mullingar, 1944. Ground frost occurred in many inland areas during the second half of the month and air frost was recorded at a few places during the last three nights of the month. The accumulation of degree-days was much lower than average; at main meteorological stations, totals of degree-days above 10°C were 40-60°C, days below the 1958-1972 averages. Over the May-September period this year, the accumulation of degree-days above 10°C has been one of the lowest in recent years and totals over the five months were 60-100°C, days below average.

TABLE 1.

RAINFALL, TEMPERATURE, SUNSHINE AND WIND SEPTEMBER, 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 Spec	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				
Carlow (Oak Park) Co. Carlow	1-10	44.5	-	10	8	12.4	-	+6.0	09	0	72	33	+2.0	09	0	-	-	3.21	-	6	-
	11-20	38.5	-	10	3	12.6	-	+1.7	18	0	81	32	-1.8	19	2	-	-	3.20	-	5	-
	21-end	26.6	-	9	6	8.7	-	-0.3	30	1	44	7	-4.0	30	4	-	-	4.06	-	5	-
	Month	109.6	-	25	17	11.2	-	-0.3	30	1	197	72	-4.0	30	6	-	-	3.49	-	5	-
Shannon Airport Co. Clare	1-10	75.6	-	10	10	13.1	-	+9.6	03	0	87	31	+7.4	03	0	13.6	-	4.43	-	16	3
	11-20	53.2	-	8	5	13.1	-	+5.0	18	0	88	33	+0.8	18	0	13.8	-	2.34	-	10	0
	21-end	39.7	-	9	7	9.7	-	+2.7	30	0	54	9	-1.5	30	1	10.9	-	3.58	-	12	5
	Month	168.5	191	27	22	12.0	-1.7	+2.7	30	0	229	73	-1.5	30	1	12.7	-1.8	3.45	88	13	8
Fermoy (Moore Park) Co. Cork	1-10	50.4	-	8	7	12.4	-	+5.0	09	0	80	27	+3.5	09	0	-	-	3.83	-	-	-
	11-20	56.6	-	6	5	11.7	-	0.0	18	1	75	27	-4.7	18	3	-	-	1.81	-	N/A	-
	21-end	29.0	-	9	7	8.5	-	+1.2	28	0	44	7	-4.4	28	5	-	-	3.88	-	-	-
	Month	136.0	-	23	19	10.9	-	0.0	18	1	199	61	-4.7	18	8	-	-	3.17	-	-	-
Mallow Co. Cork	1-10	52.8	-	10	7	12.8	-	+5.7	09	0	84	35	+2.3	09	0	-	-	3.79	-	-	-
	11-20	55.3	-	7	6	12.2	-	+0.4	18	0	78	30	-2.7	18	2	-	-	2.84	-	-	-
	21-end	35.8	-	9	8	8.8	-	+0.8	30	0	45	8	-3.2	28	4	-	-	2.98	-	-	-
	Month	143.9	158	26	21	11.3	-	+0.4	18	0	207	73	-3.2	28	6	-	-	3.20	-	-	-
Roche's Point Co. Cork	1-10	47.7	-	9	7	13.4	-	+10.0	06	0	89	33	+8.1	06	0	13.7	-	5.52	-	17	5
	11-20	82.6	-	7	7	12.4	-	+6.7	18	0	80	27	+3.7	19	0	13.7	-	3.69	-	11	2
	21-end	26.7	-	6	5	9.8	-	+4.7	28	0	54	9	+2.4	30	0	10.7	-	4.25	-	16	5
	Month	157.0	188	22	19	11.9	-2.1	+4.7	28	0	223	69	+2.4	30	0	12.7	-1.8	4.49	107	15	12
Glencolumbkille Co. Donegal	1-10	74.7	-	10	10	12.1	-	+8.0	06	0	77	23	-	-	-	-	-	3.53	-	2	-
	11-20	76.7	-	9	8	12.5	-	+7.8	16	0	82	27	N/A	N/A	-	-	-	2.00	-	3	-
	21-end	85.8	-	10	10	9.5	-	+3.0	27	0	51	5	-	-	-	-	-	4.33	-	5	-
	Month	237.2	-	29	28	11.4	-	+3.0	27	0	210	55	-	-	-	-	-	3.29	-	3	-
Glenties Co. Donegal	1-10	80.3	-	9	8	11.3	-	+5.5	02	0	70	20	-	-	-	-	-	2.88	-	-	-
	11-20	61.3	-	10	9	11.6	-	+2.5	18	0	73	22	-	-	-	-	-	1.67	-	-	-
	21-end	88.2	-	10	9	8.4	-	-0.3	27	1	43	5	N/A	N/A	-	-	-	4.69	-	-	-
	Month	229.8	160	29	26	10.5	-	-0.3	27	1	186	47	-	-	-	-	-	3.08	-	-	-

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

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

SEPTEMBER, 1974

STATION	PERIOD	RAINFALL				TEMPERATURE										BRIGHT SUNSHINE		WIND			
		Amount	Percentage of Average	No. of Rair. 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					
Malin Head Co. Donegal	1-10	50.7	-	9	6	12.0	-	+6.9	02	0	76	23	+4.2	02	0	12.7	-	3.92	-	15	3
	11-20	37.0	-	7	5	12.7	-	+8.5	14	0	83	28	+5.3	18	0	12.6	-	2.10	-	16	6
	21-end	35.6	-	10	8	9.1	-	+2.0	28	0	47	6	+0.1	28	0	9.7	-	5.49	-	17	6
	Month	123.3	124	26	19	11.3	-1.7	+2.0	28	0	206	57	+0.1	28	0	11.7	-	3.84	101	16	15
Dublin Airport Co. Dublin	1-10	51.9	-	8	6	12.8	-	+8.5	06	0	84	30	+6.4	06	0	13.0	-	4.04	-	10	2
	11-20	48.0	-	6	4	12.6	-	+4.0	18	0	82	29	+3.1	18	0	13.4	-	2.85	-	9	0
	21-end	16.1	-	7	3	8.6	-	+1.7	28	0	42	7	+0.7	28	0	9.8	-	4.97	-	11	0
	Month	116.0	158	21	13	11.3	-1.9	+1.7	28	0	208	66	+0.7	28	0	12.1	-1.8	3.95	95	10	2
Kinsealy Co. Dublin	1-10	51.5	-	9	7	13.1	-	+7.2	02	0	87	32	+1.7	02	0	-	-	3.72	-	7	-
	11-20	56.5	-	7	4	13.0	-	+4.0	18	0	81	33	+1.6	18	0	-	-	2.73	-	5	-
	21-end	21.6	-	8	4	9.0	-	+1.9	28	0	48	9	-1.4	28	2	-	-	4.67	-	6	-
	Month	129.6	-	24	15	11.7	-	+1.9	28	0	216	74	-1.4	28	2	-	-	3.71	-	6	-
Galway (Univ. Coll.) Co. Galway	1-10	79.0	-	10	10	12.7	-	+8.2	06	0	83	28						3.86	-		-
	11-20	48.6	-	7	6	12.2	-	+5.3	18	0	83	29						2.42	-		-
	21-end	52.3	-	9	8	9.2	-	+4.0	27	0	48	8	N/A	N/A				4.68	-		-
	Month	179.9	-	26	24	11.6	-	+4.0	27	0	214	65						3.65	-		-
Killarney (Muckross Hse) Co. Kerry	1-10	97.4	-	10	9	12.7	-	+7.7	09	0	82	25	+6.8	09	0	-	-	4.01	-	-	-
	11-20	53.5	-	8	6	12.3	-	+1.5	18	0	80	28	-1.0	18	1	-	-	2.68	-	-	-
	21-end	91.6	-	9	9	9.3	-	+1.8	30	0	49	6	-0.7	30	1	-	-	2.14	-	-	-
	Month	242.5	-	27	24	11.4	-	+1.5	18	0	211	59	-1.0	18	2	-	-	2.94	-	-	-
Cahiriveen (Valenti. Obay.) Co. Kerry	1-10	112.3	-	10	9	12.8	-	+9.8	09	0	83	28	+6.9	09	0	13.2	-	3.35	-	14	4
	11-20	51.0	-	8	6	12.4	-	+2.8	18	0	80	28	-1.1	18	1	13.6	-	2.54	-	10	1
	21-end	61.9	-	9	8	9.9	-	+3.5	30	0	56	10	-0.8	30	1	10.4	-	3.09	-	14	6
	Month	225.2	185	27	23	11.7	-2.3	+2.8	18	0	219	66	-1.1	18	2	12.4	-2.0	2.99	78	13	11
Tralee (Caherweeshen) Co. Kerry	1-10	79.3	-	9	9	13.4	-	+8.5	09	0	90	34	+4.6	09	0	-	-	3.74	-	-	-
	11-20	27.7	-	7	6	12.7	-	+2.2	18	0	83	31	-2.2	18	1	-	-	2.40	-	-	-
	21-end	79.7	-	9	8	9.5	-	+0.8	30	0	50	9	-2.1	30	2	-	-	2.53	-	-	-
	Month	186.7	-	25	23	11.8	-	+0.8	30	0	223	74	-2.2	18	3	-	-	2.89	-	-	-

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TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND SEPTEMBER, 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	45.2	-	9	8	11.5	-	+5.3	02	0	72	22	+0.5	02	0	-	-	3.51	-	8	-
	11-20	22.8	-	6	4	12.1	-	+1.0	18	0	79	28	-4.2	18	2	-	-	2.37	-	6	-
	21-end	20.7	-	8	5	8.0	-	-0.1	30	2	40	6	-6.3	30	5	-	-	4.22	-	8	-
	Month	88.7	-	23	17	10.6	-	-0.1	30	2	191	56	-6.3	30	7	-	-	3.37	-	7	-
Kilkenny Co. Kilkenny	1-10	43.8	-	8	6	12.0	-	+3.6	09	0	75	26	-0.5	09	1	12.6	-	4.11	-	7	1
	11-20	43.2	-	8	4	11.8	-	+0.4	18	0	74	27	-2.0	18	2	13.1	-	3.73	-	5	0
	21-end	24.1	-	8	7	8.6	-	-0.3	30	2	44	9	-4.4	30	4	9.7	-	4.58	-	7	2
	Month	111.1	132	24	17	10.8	-2.4	-0.3	30	2	193	62	-4.4	30	7	11.8	-2.1	4.14	108	6	3
Mooneilin (Silverspring) Co. Kilkenny	1-10	66.0	-	10	8	13.1	-	+7.0	10	0	87	33	+1.1	10	0	-	-	4.15	-	-	-
	11-20	68.0	-	7	5	12.1	-	+1.9	19	0	74	30	-4.0	18	4	-	-	3.61	-	-	-
	21-end	16.5	-	7	5	9.2	-	+0.6	28	0	50	10	-5.4	28	6	-	-	5.00	-	-	-
	Month	150.5	-	24	18	11.5	-	+0.6	28	0	211	73	-5.4	28	10	-	-	4.25	-	-	-
Ballinamore Co. Leitrim	1-10	61.5	-	10	7	11.7	-	+4.7	02	0	73	23	+1.0	06	0	-	-	3.48	-	4	-
	11-20	52.0	-	8	6	11.6	-	+2.5	18	0	73	23	-2.7	18	1	-	-	2.54	-	4	-
	21-end	36.5	-	7	6	8.3	-	+1.0	27	0	40	5	-4.7	27	6	-	-	4.63	-	5	-
	Month	150.0	-	25	19	10.6	-	+1.0	27	0	186	51	-4.7	27	7	-	-	3.55	-	4	-
Ardee (Boharnamoe) Co. Louth	1-10	70.0	-	8	7		-									-	-	-	-	-	-
	11-20	28.5	-	8	5		-									-	-	-	-	-	-
	21-end	17.1	-	7	4	N/A	-	N/A			N/A		N/A			-	-	-	-	-	-
	Month	115.6	-	23	16		-									-	-	-	-	-	-
Ballinrobe (Creagh) Co. Mayo	1-10	50.4	-	10	8	11.8	-	+4.2	02	0	74	24	0.0	02	1	-	-		-	4	-
	11-20	38.9	-	8	7	11.9	-	+4.2	18	0	75	25	-3.6	18	3	-	-	N/A	-	4	-
	21-end	32.5	-	8	8	9.2	-	+1.1	27	0	48	10	-5.2	27	4	-	-		-	5	-
	Month	121.8	-	26	23	11.0	-	+1.1	27	0	197	59	-5.2	27	8	-	-		-	4	-
Belmullet Co. Mayo	1-10	59.7	-	8	8	12.5	-	+8.4	05	0	81	27	+4.0	05	0	13.8	-	4.46	-	11	1
	11-20	45.1	-	9	5	12.1	-	+4.0	18	0	77	25	+0.5	18	0	13.0	-	2.51	-	12	2
	21-end	62.7	-	9	9	9.7	-	+3.8	27	0	52	7	+1.0	27	0	10.1	-	4.07	-	15	6
	Month	167.5	158	26	22	11.4	-2.0	+3.8	27	0	210	59	+0.5	18	0	12.3	-1.5	3.68	90	13	9

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TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND SEPTEMBER, 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				
Claremorris Co. Mayo	1-10	60.5	-	10	9	11.6	-	+5.9	06	0	72	22	+2.7	06	0	13.3	-	3.82	-	9	3
	11-20	42.4	-	8	5	11.1	-	+2.2	18	0	67	20	-0.3	18	1	12.7	-	2.25	-	9	1
	21-end	42.3	-	9	8	8.2	-	+0.9	27	0	38	5	-2.4	27	2	10.0	-	3.34	-	9	4
	Month	145.2	135	27	22	10.3	-2.2	+0.9	27	0	177	47	-2.4	27	3	12.0	-1.2	3.14	90	9	8
Glenamoy Co. Mayo	1-10	55.5	-	10	9	11.8	-	+6.2	02	0	75	23	+2.9	02	0	-	-	3.98	-		-
	11-20	53.0	-	9	7	11.7	-	+2.2	18	0	74	23	-0.1	18	1	-	-	2.29	-	N/A	-
	21-end	64.6	-	10	9	8.9	-	+2.3	27	0	46	6	-0.3	27	1	-	-	3.42	-		-
	Month	173.1	-	29	25	10.8	-	+2.2	18	0	195	52	-0.3	27	2	-	-	3.23	-		-
Dunsany (Grange) Co. Meath	1-10	55.8	-	10	9	11.6	-	+6.6	09	0	74	22	-0.5	02	1	-	-	3.65	-		-
	11-20	32.8	-	7	5	11.9	-	+1.2	18	0	76	26	-4.5	18	2	-	-	2.41	-	N/A	-
	21-end	21.7	-	9	5	7.9	-	+0.2	30	0	39	6	-6.3	30	6	-	-	4.84	-		-
	Month	110.3	-	26	19	10.5	-2.3	+0.2	30	0	189	54	-6.3	30	9	-	-	3.63	-		-
Clones Co. Monaghan	1-10	64.6	-	9	7	12.6	-	+6.0	02	0	72	21	+1.2	02	0	12.6	-	3.40	-	7	1
	11-20	37.5	-	6	5	11.7	-	+3.5	18	0	73	22	-1.6	18	1	12.4	-	2.59	-	8	0
	21-end	33.4	-	8	6	8.2	-	-0.2	27	1	40	5	-3.7	27	3	9.6	-	5.01	-	7	2
	Month	135.5	156	23	18	10.6	-1.8	-0.2	27	1	185	48	-3.7	27	4	11.5	-1.8	3.67	112	7	3
Birr Co. Offaly	1-10	57.2	-	10	9	12.0	-	+7.4	02	0	77	23	+4.3	02	0	13.0	-	3.89	-	8	4
	11-20	33.1	-	7	5	12.2	-	+2.3	18	0	78	27	-1.5	18	1	13.3	-	2.12	-	6	0
	21-end	29.6	-	10	6	8.5	-	+0.9	30	0	42	6	-2.3	30	3	10.0	-	4.25	-	6	3
	Month	119.9	139	27	20	10.9	-2.2	+0.9	30	0	197	56	-2.3	30	4	12.1	-1.7	3.42	89	7	7
Thurles Co. Tipperary	1-10	57.0	-	10	10		-									-	-	3.98	-	-	-
	11-20	43.9	-	6	5	N/A	-	N/A			N/A		N/A			-	-	3.27	-	-	-
	21-end	25.6	-	7	5		-									-	-	4.27	-	-	-
	Month	126.5	143	23	20		-									-	-	3.84	-	-	-
Dungarvan (Ballygagin) Co. Waterford	1-10		-				-									-	-		-		-
	11-20		-				-									-	-		-		-
	21-end	N/A	-		N/A		-	N/A			N/A		N/A			-	-	N/A	-	N/A	-
	Month		-				-									-	-		-		-

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TABLE 1. (Continued)

## RAINFALL, TEMPERATURE, SUNSHINE AND WIND

SEPTEMBER, 1974

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		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	58.5	-	8	7	11.6	-	+5.4	02	0	72	22	+3.7	02	0	12.6	-	3.50	-	10	3
	11-20	47.1	-	8	6	11.4	-	+1.9	18	0	70	22	-0.8	18	1	12.8	-	2.26	-	7	0
	21-end	24.0	-	10	8	8.1	-	+0.4	28	0	38	5	-2.1	28	2	9.7	-	4.36	-	8	2
	Month	129.6	138	26	21	10.4	-2.3	+0.4	28	0	180	49	-2.1	28	3	11.7	-1.8	3.37	90	8	5
Campile (Ballysop) Co. Wexford	1-10	88.2	-	8	7	12.8	-	+7.1	06	0	84	31	+0.1	06	0	-	-	3.56	-		
	11-20	82.5	-	7	5	12.1	-	+3.6	20	0	76	27	-2.4	18	4	-	-	3.64	-	N/A	
	21-end	21.5	-	9	6	8.9	-	+1.9	28	0	44	9	-4.2	28	6	-	-	4.40	-		
	Month	192.2	-	24	18	11.3	-	+1.9	28	0	204	67	-4.2	28	10	-	-	3.87	-		
Clonroche Co. Wexford	1-10	120.1	-	9	8	12.2	-	+6.4	06	0	79	27	-0.2	01	1	-	-	4.17	-	5	
	11-20	87.8	-	6	6	12.1	-	+2.5	18	0	78	29	-3.4	18	3	-	-	4.00	-	3	
	21-end	21.6	-	7	5	8.6	-	+1.8	28	0	45	8	-7.0	28	6	-	-	4.97	-	4	
	Month	229.5	-	22	19	11.0	-	+1.8	28	0	202	64	-7.0	28	10	-	-	4.38	-	4	
Johnstown Castle Co. Wexford	1-10	82.4	-	8	8	12.7	-	+8.8	06	0	82	28	+3.3	10	0	-	-	4.42	-	8	
	11-20	73.2	-	6	4	12.4	-	+3.9	18	0	80	30	-1.0	20	2	-	-	3.96	-	6	
	21-end	37.0	-	8	5	9.0	-	+1.2	28	0	46	7	-2.9	26	5	-	-	5.11	-	6	
	Month	192.6	195	22	17	11.4	-	+1.2	28	0	208	65	-2.9	26	7	-	-	4.50	-	7	
Rosslare Co. Wexford	1-10	61.5	-	8	7	13.5	-	+10.2	10	0	91	36	+6.8	10	0	13.5	-	5.15	-	14	6
	11-20	41.2	-	7	6	12.8	-	+6.8	20	0	84	30	+2.0	16	0	13.7	-	4.31	-	10	1
	21-end	32.1	-	6	5	9.7	-	+2.6	28	0	53	11	-0.1	28	1	10.3	-	5.71	-	12	3
	Month	134.8	162	21	18	12.1	-1.9	+2.6	28	0	228	77	-0.1	28	1	12.5	-2.4	5.06	101	12	10

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

TABLE 2.

SOLAR RADIATION (GLOBAL), POTENTIAL EVAPOTRANSPIRATION (P.E.) AND SOIL MOISTURE SEPTEMBER, 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	-	8	0	0	38
	11-20	-	8	0	0	31
	21-end	-	14	0	0	13
	Month	-	30	-	-	-
Kinsealy Co. Dublin	1-10		11	0	18	44
	11-20	N/A	5	0	0	52
	21-end		15	0	0	6
	Month		31	-	-	-
Cahirciveen e (Valentia Obsy.) Co. Kerry	1-10	11058	4	0	0	122
	11-20	8956	6	0	0	48
	21-end	8292	13	0	0	58
	Month	28306	23	-	-	-
Kilkenny e Co. Kilkenny	1-10	11999	-	-	-	-
	11-20	10196	-	-	-	-
	21-end	10782	-	-	-	-
	Month	32977	-	-	-	-
Ballinamore Co. Leitrim	1-10		4	0	0	58
	11-20		9	0	0	44
	21-end	N/A	4	0	0	32
	Month		17	-	-	-
Glenamoy Co. Mayo	1-10	11229	8	0	0	48
	11-20	7855	12	0	0	41
	21-end	8543	2	0	0	62
	Month	27627	22	-	-	-
Birr e Co. Offaly	1-10	11107	-	-	-	-
	11-20	8340	-	-	-	-
	21-end	9798	-	-	-	-
	Month	29245	-	-	-	-
Johnstown Castle Co. Wexford	1-10	-	13	0	0	70
	11-20	-	14	0	0	60
	21-end	-	15	0	0	22
	Month	-	42	-	-	-

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