



AGROMETEOROLOGICAL BULLETIN

AUGUST 1975

The weather during August

August got off to a hot, dry start. Record air temperatures of 30.5°C occurred at Kilkenny and Casement Airport on the 3rd. From the 5th onward the weather was changeable but mild. Short cool spells occurred, notably on the 21st and 22nd and between 29th and 31st. The most widespread ground frost of the month occurred on the 31st. Mean monthly temperatures ranged from $+0.5^{\circ}\text{C}$ to $+2.0^{\circ}\text{C}$ above normal and were the highest for 20 years.

It was the fourth successive dry month. Rainfall was less than 50% of normal in most places. Only in the extreme south-east was the rainfall above normal (Rosslare had 105%). This had the effect of lowering the soil moisture deficit at Johnstown Castle from 91 mm at the beginning of the month to 60 mm at the end. At Oak Park, on the other hand, the deficit rose from 89 mm to 92 mm but then Oak Park had only about 30% of normal rainfall. There was also an East-West contrast. In Eastern areas the deficit remained very high at about 100 mm but on the West it was generally about 50 mm. The Summer (June-August) rainfall has been only 40% to 50% of normal generally. In the West and North-west and also on South-facing coasts of Munster and Leinster it has ranged from 60% to 80% of normal. Birr has had its driest Summer for over 100 years.

Sunshine was a little below normal in most places but about 25% below normal in the north west. Winds were fresh with gale gusts from time to time, chiefly on the 20th and 30th.

There was more weather favourable to the spread of blight than is usual. The most notable spells were from the 17th to 19th and the 22nd to 29th.

TABLE 1.

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

AUGUST 1975

STATION	PERIOD	RAINFALL				TEMPERATURE										BRIGHT SUNSHINE		WIND			
		Amount	Percentage of Average	No. of Rain Days	No. of Wet Days	AIR					GROUND			OIL (10cm)		Mean Daily	Percentage of Average	Mean Speed	No. of Days with Gusty		
						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	Mean Daily	Difference from Average	No. of Days with Ground Frost					Mean Daily	Difference from Average
Carlow (Oak Park) Co. Carlow	1-10	13.0	-	2	2	18.1	-	+4.3	02	0	138	82	+1.3	02	0	-	-	4.28	-	1	-
	11-20	7.0	-	3	3	14.9	-	+6.5	17	0	125	69	+2.0	17	0	-	-	4.51	-	1	-
	21-end	4.5	-	4	2	18.0	-	+4.4	31	0	125	34	-0.2	31	1	-	-	4.51	-	1	-
	Month	24.5	-	13	7	14.9	-	+4.3	02	0	388	215	+0.3	31	1	-	-	5.24	-	1	-
Droghda Airport Co. Dublne	1-10	4.0	-	2	2	18.1	-	+7.8	01	0	137	81	+4.7	01	0	19.1	-	2.59	-	2	0
	11-20	29.1	-	9	4	14.2	-	+11.2	14	0	123	2	+5.1	12	0	18.1	-	3.91	-	9	0
	21-end	2.7	-	4	1	16.0	-	+8.9	31	0	128	1	+3.1	31	0	17.1	-	2.35	-	0	0
	Month	35.8	48	14	7	14.2	+1.3	+8.9	31	0	388	214	+3.1	31	0	18.4	+1.7	4.85	90	7	0
Fermoy (Moore Park) Co. Cork	1-10	11.4	-	3	2	17.9	-	+7.7	01	0	120	70	+2.8	01	0	-	-	5.28	-	5	-
	11-20	23.1	-	7	3	15.7	-	+8.9	17	0	113	57	+5.0	17	0	-	-	NA	-	5	-
	21-end	4.8	-	3	2	15.1	-	+4.4	31	0	118	5	-1.4	30	2	-	-	NA	-	5	-
	Month	39.3	-	13	10	15.8	-	+4.4	31	0	357	183	-1.3	30	2	-	-	-	-	5	-
Mallow Co. Cork	1-10	10.1	-	3	2	17.1	-	+7.2	02	0	132	71	+1.7	01	0	-	-	5.20	-	-	-
	11-20	15.4	-	6	4	16.0	-	+7.2	17	0	116	60	+3.1	17	0	-	-	2.42	-	-	-
	21-end	0.9	-	2	0	15.9	-	+3.1	31	0	127	35	-1.1	31	1	-	-	3.50	-	-	-
	Month	26.9	34	13	6	16.5	-	+3.1	31	0	375	201	-1.1	31	1	-	-	3.88	-	-	-
Roche's Point Co. Cork	1-10	13.4	-	3	2	17.2	-	+11.2	01	0	128	72	+7.9	01	0	18.3	-	2.12	-	10	0
	11-20	22.3	-	8	4	15.8	-	+11.1	17	0	113	58	+6.5	14	0	17.0	-	3.37	-	8	0
	21-end	2.4	-	3	1	15.4	-	+9.0	31	0	121	60	+5.7	31	0	17.0	-	5.55	-	9	1
	Month	38.1	60	14	7	16.1	+0.6	+9.0	31	0	362	190	+5.7	31	0	17.6	+1.1	5.03	89	9	1
Glencolumbkille Co. Donegal	1-10	0.8	-	3	0	17.5	-	+9.5	01	0	131	75	-	-	-	-	-	5.75	-	-	-
	11-20	29.9	-	7	7	15.8	-	+10.4	18	0	114	58	-	-	-	-	-	4.04	-	-	-
	21-end	29.6	-	8	6	14.8	-	+6.9	31	0	115	54	NA	NA	-	-	-	1.91	-	NA	-
	Month	60.3	-	18	13	16.0	-	+6.9	31	0	360	187	-	-	-	-	-	3.84	-	-	-
Glenties Co. Donegal	1-10	2.9	-	3	1	17.1	-	+6.3	01	0	128	72	+2.5	01	0	-	-	5.96	-	-	-
	11-20	31.8	-	7	6	15.9	-	+8.0	18	0	115	59	+2.7	18	0	-	-	4.11	-	-	-
	21-end	27.7	-	8	5	14.2	-	+2.7	31	0	108	46	-1.5	31	2	-	-	2.29	-	-	-
	Month	62.4	55	18	12	15.7	-	+2.7	31	0	351	177	-1.5	31	2	-	-	4.08	-	-	-

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

TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

AUGUST 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 Brass Minimum Day	No. of Days with Ground Frost	Mean Daily	Difference from Average						
mm	%	%	%	°C	°C	°C		°C	°C	°C	°C	°C	°C	Hr	%	Kt					
Malin Head Co. Donegal	1-10	15.5	-	4	3	17.0	-	+11.2	03	0	127	71	+8.5	03	0	19.1	-	5.02	-	11	0
	11-20	24.0	-	7	5	15.4	-	+7.4	18	0	113	57	+4.4	18	0	17.1	-	3.72	-	9	0
	21-end	18.4	-	3	4	14.5	-	+6.8	31	0	111	50	+4.4	31	0	14.8	-	1.37	-	12	2
	Month	58.3	71	18	13	15.7	+1.5	+6.8	31	0	351	178	+4.4	18	0	15.9	-	3.48	74	11	2
Dublin Airport Co. Dublin	1-10	21.4	-	3	2	17.5	-	+8.9	01	0	131	75	+8.7	01	0	20.4	-	7.22	-	6	0
	11-20	5.7	-	5	2	16.5	-	+9.4	17	0	121	65	+7.1	17	0	19.1	-	5.84	-	8	0
	21-end	8.7	-	4	2	15.3	-	+6.2	31	0	120	59	+4.5	31	0	17.2	-	4.74	-	7	0
	Month	35.8	50	12	6	16.4	+1.4	+8.2	31	0	372	199	+4.5	31	0	18.9	+2.5	5.89	113	7	0
Kinsealy Co. Dublin	1-10	16.1	-	3	2	17.0	-	+8.7	01	0	127	71	+5.0	02	0	-	-	6.16	-	5	-
	11-20	5.4	-	4	2	16.4	-	+7.8	17	0	121	65	+3.9	17	0	-	-	6.25	-	7	-
	21-end	5.2	-	4	2	15.5	-	+6.4	31	0	122	60	+2.4	31	0	-	-	4.50	-	5	-
	Month	26.7	-	11	6	16.3	-	+6.4	31	0	370	196	+2.4	31	0	-	-	5.60	-	6	-
Lucan (U.C.D. Field Stn.) Co. Dublin	1-10	12.4	-	2	2	17.9	-	+8.0	02	0	135	79	+2.5	01	0	-	-	5.50	-	4	-
	11-20	8.2	-	5	3	16.4	-	+5.4	17	0	120	64	-0.2	17	1	-	-	5.82	-	4	-
	21-end	7.0	-	7	3	15.3	-	+4.3	31	0	120	59	-0.9	31	1	-	-	3.79	-	4	-
	Month	27.6	-	14	8	16.5	-	+4.3	31	0	375	202	-0.9	31	2	-	-	5.35	-	4	-
Galway (Univ. Coll.) Co. Galway	1-10	4.5	-	2	1	18.1	-	+8.5	01	0	137	81	+3.4	01	0	-	-	6.84	-		-
	11-20	10.5	-	8	6	16.1	-	+9.0	17	0	117	61	+4.3	17	0	-	-	4.48	-		-
	21-end	19.3	-	7	5	15.4	-	+7.5	31	0	121	60	-1.0	31	1	-	-	3.39	-	NA	-
	Month	34.3	-	17	12	16.5	-	+7.5	31	0	375	202	-1.0	31	1	-	-	4.85	-		-
Kilbarney (Muckross Park) Co. Kerry	1-10	9.8	-	3	2	16.9	-	+6.8	01	0	126	70	+3.5	01	0	-	-	6.32	-		-
	11-20	15.8	-	6	4	15.8	-	+10.6	11	0	115	59	+6.2	11	0	-	-	2.8	-		-
	21-end	9.2	-	3	1	15.7	-	+7.0	31	0	125	63	+2.5	30	0	-	-	3.63	-		-
	Month	34.8	-	12	7	16.2	-	+6.8	01	0	366	192	+2.5	30	0	-	-	4.19	-		-
Dunravin (Valentia Park) Co. Kerry	1-10	6.1	-	3	3	17.4	-	+9.3	02	0	130	74	+6.1	02	0	19.5	-	7.51	-	8	0
	11-20	20.3	-	8	4	15.9	-	+10.1	11	0	115	59	+6.8	11	0	17.3	-	2.49	-	8	0
	21-end	8.5	-	5	3	15.7	-	+7.9	31	0	124	63	+5.4	31	0	17.5	-	3.93	-	9	0
	Month	34.9	37	16	10	16.3	+0.9	+7.9	31	0	369	196	+5.4	31	0	18.1	+1.5	4.62	95	8	0

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TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

AUGUST 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 Grass Minimum	Day	No. of Days with Ground Frost					Mean Daily	Difference from Average
mm	%	°C	°C	°C					°C	°C	°C	°C	Hr	%	Kt						
Tralee (Caherweesheen) Co. Kerry	1-10	4.9	-	3	1	17.3	-	+7.5	01	0	129	73	+4.0	01	0	-	-	6.04	-	-	-
	11-20	24.7	-	7	6	16.5	-	+9.8	17	0	121	65	+7.3	17	0	-	-	2.82	-	-	-
	21-end	7.2	-	3	3	16.1	-	+5.3	31	0	128	67	+1.9	31	0	-	-	2.98	-	-	-
	Month	36.8	-	13	10	16.6	-	+5.3	31	0	378	205	+1.9	31	0	-	-	3.92	-	-	-
Lullymore Co. Kildare	1-10	9.9	-	5	3	17.1	-	+5.1	01	0	128	72	-1.0	01	1	-	-	7.00	-	6	-
	11-20	13.7	-	8	3	16.5	-	+2.5	17	0	121	65	-1.0	17	1	-	-	4.19	-	7	-
	21-end	6.2	-	6	4	14.6	-	+1.2	31	0	113	51	-4.9	31	1	-	-	3.75	-	6	-
	Month	29.8	-	19	10	16.0	-	+1.2	31	0	362	188	-4.9	31	3	-	-	4.94	-	6	-
Kilkenny Co. Kilkenny	1-10	10.6	-	4	3	18.1	-	+4.0	02	0	137	81	-0.9	02	1	20.9	-	6.12	-	5	0
	11-20	14.1	-	7	5	16.2	-	+4.9	17	0	119	63	+1.7	17	0	18.3	-	3.58	-	4	0
	21-end	5.8	-	4	4	15.2	-	+4.6	31	0	119	58	0.0	31	0	17.3	-	4.18	-	4	0
	Month	30.5	45	15	12	16.5	+1.3	+4.0	02	0	375	202	-0.9	02	1	18.8	+2.0	4.61	86	4	0
Mooncoin (Silverspring) Co. Kilkenny	1-10	14.5	-	5	3	17.6	-	+4.9	02	0	132	76	-1.2	02	1	-	-	6.00	-	-	-
	11-20	16.8	-	8	5	16.1	-	+6.7	17	0	117	61	+1.2	17	0	-	-	4.13	-	-	-
	21-end	4.3	-	5	3	15.2	-	+6.3	31	0	120	58	+0.9	31	0	-	-	5.53	-	-	-
	Month	35.6	-	18	11	16.3	-	+4.9	02	0	369	195	-1.2	02	1	-	-	5.23	-	-	-
Ballinamore Co. Leitrim	1-10	4.7	-	1	1	17.6	-	+5.4	01	0	132	76	+4.6	01	0	-	-	6.23	-	4	-
	11-20	39.5	-	8	5	15.4	-	+4.4	17	0	110	54	+1.9	17	0	-	-	3.73	-	4	-
	21-end	18.9	-	6	4	14.4	-	+2.2	31	0	111	49	-0.2	31	1	-	-	3.25	-	5	-
	Month	63.1	-	15	10	15.7	-	+2.2	31	0	353	179	-0.2	31	1	-	-	4.36	-	4	-
Ardee (Barnmore) Co. Louth	1-10	21.2	-	4	3	18.1	-	+5.7	01	0	138	82	+4.2	01	0	-	-	-	-	-	-
	11-20	17.2	-	4	2	15.5	-	+5.0	20	0	111	55	+3.2	17	0	-	-	-	-	-	-
	21-end	8.9	-	5	3	15.4	-	+2.7	31	0	121	59	-1.9	31	1	-	-	-	-	-	-
	Month	47.3	-	13	8	16.3	-	+2.7	31	0	370	196	-1.9	31	1	-	-	-	-	-	-
Ballinrobe (Creagh) Co. Mayo	1-10	7.9	-	2	1	17.0	-	+4.2	01	0	126	70	-1.2	01	1	-	-	7.02	-	5	-
	11-20	40.5	-	8	6	15.7	-	+5.9	17	0	114	58	+3.9	17	0	-	-	4.18	-	5	-
	21-end	28.3	-	7	7	14.9	-	+0.6	31	0	116	55	-1.6	31	1	-	-	3.05	-	4	-
	Month	76.7	-	17	14	15.8	-	+0.6	31	0	356	183	-1.6	31	2	-	-	4.69	-	4	-

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TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE AND WIND

AUGUST 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 Grass Minimum	Day	No. of Days with Ground Frost	Mean Daily					Difference from Average
Belmullet Co. Mayo	1-10	6.6	-	2	2	16.4	-	+7.7	01	0	120	64	+5.1	01	0	18.9	-	5.75	-	9	0
	11-20	25.4	-	7	6	15.3	-	+8.1	17	0	109	53	+4.5	17	0	17.8	-	5.84	-	10	2
	21-end	38.4	-	10	7	14.9	-	+9.5	30	0	116	54	+7.4	30	0	16.3	-	3.17	-	10	0
	Month	70.4	79	19	15	15.5	+0.8	+7.7	01	0	345	171	+4.5	17	0	17.6	+1.7	4.86	94	10	2
Claremorris Co. Mayo	1-10	6.4	-	2	1	17.0	-	+6.1	01	0	125	69	+2.6	01	0	18.8	-	6.41	-	6	0
	11-20	33.3	-	7	5	15.2	-	+4.6	17	0	109	53	+2.7	17	0	17.2	-	3.55	-	6	0
	21-end	24.1	-	8	6	14.6	-	+3.9	31	0	113	51	+1.5	31	0	16.2	-	2.38	-	6	0
	Month	63.8	70	17	12	15.6	+1.2	+3.9	31	0	347	173	+1.5	31	0	17.4	+2.0	4.06	94	6	0
Glenties Co. Mayo	1-10	2.9	-	2	1	16.6	-	+6.9	01	0	122	66	+4.7	01	0	-	-	5.73	-	-	-
	11-20	41.9	-	6	5	14.9	-	+4.9	17	0	105	49	+2.8	17	0	-	-	NA	-	NA	-
	21-end	31.8	-	9	8	14.4	-	+8.2	30	0	110	49	+4.4	30	0	-	-	2.25	-	NA	-
	Month	76.6	-	17	14	15.3	-	+4.9	17	0	337	164	+2.8	17	0	-	-	NA	-	NA	-
Dunsany (Grange) Co. Meath	1-10	12.8	-	3	3	17.8	-	+4.5	01	0	135	79	+1.5	01	0	-	-	7.20	-	-	-
	11-20	10.5	-	7	2	16.1	-	+4.5	17	0	117	61	+0.6	17	0	-	-	4.91	-	NA	-
	21-end	7.5	-	6	3	14.9	-	+2.1	31	0	116	54	-2.5	31	1	-	-	3.82	-	NA	-
	Month	30.8	-	16	8	16.2	-	+2.1	31	0	368	194	-2.5	31	1	-	-	5.26	-	NA	-
Clones Co. Monaghan	1-10	5.2	-	3	2	18.1	-	+6.3	01	0	137	81	+2.3	01	0	19.6	-	6.38	-	5	0
	11-20	29.0	-	8	6	15.7	-	+6.6	17	0	113	57	+2.6	17	0	17.1	-	3.24	-	6	0
	21-end	15.0	-	5	5	14.6	-	+2.4	31	0	112	50	-0.8	31	1	15.7	-	2.95	-	6	0
	Month	49.2	58	16	13	16.1	+1.8	+2.4	31	0	362	188	-0.8	31	1	17.4	+1.7	4.15	106	6	0
Birr Co. Offaly	1-10	6.8	-	3	3	17.8	-	+5.7	01	0	134	78	+4.1	01	0	21.8	-	7.33	-	4	0
	11-20	12.1	-	7	4	16.4	-	+4.7	17	0	120	64	+1.5	17	0	18.6	-	4.05	-	5	0
	21-end	8.9	-	6	3	15.2	-	+2.1	31	0	119	57	-2.4	31	1	17.2	-	3.88	-	4	0
	Month	27.8	34	16	10	16.4	+1.3	+2.1	31	0	373	199	-2.4	31	1	19.1	+2.7	5.05	102	4	0
Thurles Co. Tipperary	1-10	12.7	-	3	3		-											5.23	-	-	-
	11-20	13.3	-	6	4		-											3.60	-	-	-
	21-end	11.5	-	7	5	NA	-	NA	NA	NA	NA	NA	NA	NA				4.16	-	-	-
	Month	37.5	48	16	12		-											4.33	-	-	-

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TABLE 1. (Continued)

RAINFALL, TEMPERATURE, SUNSHINE and WIND

AUGUST 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 Grass Minimum	Day	No. of Days with Ground Frost					Mean Daily	Difference from Average
Dungarvan (Ballygagin) Co. Waterford	1-10	22.4	-	5	3	16.9	-	+6.7	02	0	125	69	+3.1	02	0	-	-	6.83	-	4	-
	11-20	21.9	-	8	5	15.9	-	+8.0	17	0	115	59	+4.8	17	0	-	-	4.38	-	3	-
	21-end	2.7	-	2	2	15.5	-	+7.0	30	0	122	61	+4.8	31	0	-	-	6.03	-	3	-
	Month	47.0	-	15	10	16.1	-	+6.7	02	0	362	189	+3.1	02	0	-	-	5.75	-	3	-
Mullingar Co. Westmeath	1-10	3.0	-	4	1	17.6	-	+8.0	08	0	132	76	+4.5	01	0	18.9	-	7.61	-	8	0
	11-20	21.6	-	8	4	15.5	-	+4.9	17	0	111	55	+1.8	17	0	17.1	-	4.43	-	8	0
	21-end	9.8	-	6	3	14.5	-	+2.6	31	0	112	50	-0.5	31	1	16.0	-	4.17	-	7	0
	Month	34.4	43	18	8	15.8	+1.0	+2.6	31	0	355	181	-0.5	31	1	17.3	+13	5.36	115	8	0
Campile (Ballysop) Co. Wexford	1-10	25.3	-	4	3	18.4	-	+11.2	09	0	141	85	+6.9	02	0	-	-	6.14	-	-	-
	11-20	15.9	-	5	5	15.9	-	+7.0	17	0	115	59	+2.5	17	0	-	-	4.18	-	NA	-
	21-end	4.8	-	5	2	15.1	-	+6.7	30	0	118	56	+1.1	30	0	-	-	4.90	-	-	-
	Month	46.0	-	14	10	16.4	-	+6.7	30	0	374	200	+1.1	30	0	-	-	5.07	-	-	-
Clonroche Co. Wexford	1-10	30.8	-	3	3	17.7	-	+10.7	02	0	134	78	-	-	-	-	-	6.68	-	4	-
	11-20	15.1	-	7	4	15.6	-	+7.6	17	0	112	56	-	-	-	-	-	4.63	-	4	-
	21-end	7.4	-	5	3	15.2	-	+7.4	21	0	119	57	NA	NA	-	-	-	5.47	-	4	-
	Month	53.3	-	15	10	16.1	-	+7.4	21	0	365	191	-	-	-	-	-	5.59	-	4	-
Johnstown Castle Co. Wexford	1-10	30.6	-	3	2	17.2	-	+11.4	02	0	128	72	+5.3	07	0	-	-	6.92	-	6	-
	11-20	30.6	-	6	4	15.7	-	+9.5	17	0	113	57	+3.7	17	0	-	-	4.84	-	6	-
	21-end	10.2	-	3	3	15.1	-	+8.5	30	0	118	57	+4.3	24	0	-	-	5.22	-	5	-
	Month	71.4	87	12	9	16.0	-	+8.5	30	0	359	186	+3.7	17	0	-	-	5.65	-	6	-
Rosslare Co. Wexford	1-10	31.7	-	5	4	17.0	-	+13.1	10	0	126	70	+12.1	02	0	19.7	-	7.06	-	9	0
	11-20	31.4	-	7	4	16.0	-	+10.9	17	0	117	61	+6.8	17	0	18.0	-	5.58	-	8	2
	21-end	9.6	-	4	2	15.2	-	+9.0	30	0	119	57	+6.3	21	0	17.0	-	5.10	-	8	1
	Month	72.7	105	16	10	16.0	+0.6	+9.0	30	0	362	188	+6.3	21	0	18.2	+0.9	5.89	92	8	3

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

TABLE 2.

SOLAR RADIATION (GLOBAL), POTENTIAL EVAPOTRANSPIRATION (P.E.) AND SOIL MOISTURE AUGUST 1975

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	-	34	-	83	6
	11-20	-	26	3	86	-
	21-end	-	26	6	92	-
	Month	-	86	-	-	-
Kinsealy Co. Dublin	1-10		41	-	93	8
	11-20		37	6	99	-
	21-end	NA	29	3	102	-
	Month		107	-	-	-
Cahirciveen e (Valentia Obsy.) Co. Kerry	1-10	19355	26	16	58	-
	11-20	11919	17	-	48	10
	21-end	15033	18	5	53	-
	Month	46307	61	-	-	-
Kilkenny e Co. Kilkenny	1-10	17410	-	-	-	-
	11-20	14027	-	-	-	-
	21-end	14651	-	-	-	-
	Month	46088	-	-	-	-
Ballinamore Co. Leitrim	1-10	17825	47	35	80	-
	11-20	12784	28	-	53	27
	21-end	12887	23	-	51	2
	Month	43496	98	-	-	-
Glenamoy Co. Mayo	1-10	-	39	36	49	-
	11-20	-	15	-	19	30
	21-end	-	17	-	4	15
	Month	-	71	-	-	-
Birr e Co. Offaly	1-10	17989	-	-	-	-
	11-20	14134	-	-	-	-
	21-end	13470	-	-	-	-
	Month	45593	-	-	-	-
Johnstown Castle Co. Wexford	1-10	-	38	-	72	19
	11-20	-	22	-	53	19
	21-end	-	23	7	60	-
	Month	-	83	-	-	-

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