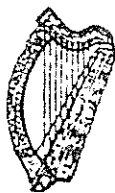


METEOROLOGICAL SERVICE



AGROMETEOROLOGICAL BULLETIN

APRIL 1978

The Weather of April

On 1st there was a cool, showery northerly windflow over Ireland but during the following week it was dry and hazy with easterly winds. Day-time temperatures were low and ground frosts were frequent at night. Between 9th and 20th it remained cool and the weather was unsettled as winds ranged between south and northwest in direction. In the period 9th to 12th there were showers, some of hail or snow. A dry spell followed between 13th and 16th but the period 17th to 20th was the wettest of the month except in the extreme north and northwest.

The highest temperatures of the month were recorded in a mild southeasterly windflow between 21st and 24th. During the last week a cold northeasterly wind regime prevailed. It was rainy on 30th but most areas had no more than a few showers between 24th and 29th.

Mean Monthly Rainfall amounts were about 45% of normal in the northwest but exceeded 125% of normal in many parts of Munster. As the track of the rain-bearing Atlantic depressions was to the south of Ireland, Munster and south Leinster being closest to the centres of activity recorded the highest rainfall. This was especially noticeable between 17th and 20th when stations in Munster recorded about 50 mm (2 inches) while Malin Head recorded less than 3 mm in this period. Since the number of days with rainfall of at least 1 mm (wet days) nowhere exceeded fourteen and was generally about ten, conditions in April were suitable for fieldwork.

Mean Monthly Air Temperatures ranged from 0.9°C to 1.5°C below normal. Maximum temperatures were below normal except on 5th, 6th, 16th and between 21st and 24th. Nights were cool and some areas had nineteen days with ground frost. Air frost was sharp on 10th and 11th and again on 27th and 28th while slight air frost was recorded on 6th, 7th, 14th and 15th. Soil temperatures at 10 cm (4 inches) ranged from 0.5°C to 1.4°C below normal and consequently grass-growth was poor.

Mean Daily Duration of Bright Sunshine was below normal everywhere. Values ranged from 3.6 hours at Malin Head to 5.2 hours at Belmullet; this represented between 70% and 96% of normal sunshine.

Strong Winds occurred on 13th, 17th and 20th when gusts of between 20 and 28 ms⁻¹ (40 and 55 kts) occurred.

Summary. April was dry, cold and frosty. Growing conditions were poor.

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

April, 1978

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C														BRIGHT SUNSHINE		WIND	
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAYS	AIR							GROUND			SOIL (10 CM)				MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (ms ⁻¹)	DAYS WITH GALE GUSTS
						MEAN MAX.	MEAN MIN.	MEAN DAILY	AND DIFFERENCE FROM AVERAGE	LOWEST MIN.	DATE	DAYS WITH AIR FROST	DEGREE DAYS ABOVE +.4°C	DEGREE DAYS ABOVE 10.0°C	LOWEST "GRASS-MIN."	DATE	DAYS WITH GROUND FROST	MEAN DAILY	DIFFERENCE FROM AVERAGE				
Carlow (Oak Park) Co. Carlow	1-10	0.7	/	2	0	11.1	1.5	6.3	/	-1.8	10	2	22	0	-4.0	07	7	/	/	6.46	/	2	/
	11-20	33.8	/	7	5	10.3	3.0	6.6	/	-1.2	14	2	23	0	-4.0	14	5	/	/	4.09	/	5	/
	21-end	3.0	/	3	2	12.0	4.1	8.0	/	-1.5	28	2	36	2	-4.5	28	3	/	/	5.06	/	3	/
	Month	37.5	/	12	7	11.1	2.9	7.0	/	-1.8	10	6	81	2	-4.5	28	15	/	/	5.20	/	3	/
Shannon Airport Co. Clare	1-10	5.4	-	2	2	11.0	3.5	7.3	-	0.0	10	0	30	0	-3.8	06	5	9.0	-	5.11	-	4	0
	11-20	59.1	-	6	6	11.5	4.9	8.2	-	0.6	14	0	38	0	-4.7	14	2	9.0	-	3.06	-	7	3
	21-end	12.6	-	7	4	12.5	5.4	9.0	-	1.8	27	0	46	4	-0.6	28	2	9.7	-	3.38	-	6	1
	Month	77.1	135	15	12	11.7	4.6	8.1	-1.0	0.0	10	0	14	4	-4.7	14	9	9.2	-0.5	3.85	75	6	4
Fermoy (Moore Park) Co. Cork	1-10	6.8	/	2	1	11.1	1.9	6.5	/	-2.3	07	4	24	0	-7.5	07	6	/	/	6.37	/	3	/
	11-20	56.6	/	7	6	11.4	3.6	7.5	/	-0.8	14	2	32	0	-6.5	14	5	/	/	3.85	/	5	/
	21-end	3.3	/	4	1	11.6	4.1	7.9	/	-2.8	28	2	35	3	-7.6	28	4	/	/	3.46	/	3	/
	Month	66.7	/	13	8	11.4	3.2	7.3	/	-2.8	28	8	91	3	-7.6	28	15	/	/	4.56	/	4	/
Mallow Co. Cork	1-10	16.6	-	2	2	11.6	1.9	6.8	/	-1.8	07	4	26	0	-7.0	07	7	/	/	4.60	/	/	/
	11-20	71.1	-	7	7	NA	NA	-	/	NA	-	-	-	-6.5	14	2	/	/	3.99	/	/	/	
	21-end	6.3	-	6	3	12.1	NA	-	/	NA	-	-	-	-6.0	28	4	/	/	2.94	/	/	/	
	Month	94.0	145	15	12	-	-	-	/	-	-	-	-	-7.0	07	13	/	/	3.84	/	/	/	
Roche's Point Co. Cork	1-10	9.1	-	1	1	10.4	4.6	7.5	-	0.9	10	0	32	0	-1.3	10	4	8.6	-	5.46	-	4	2
	11-20	48.5	-	4	3	10.6	5.8	8.2	-	1.5	11	0	38	1	-1.3	11	2	9.1	-	4.40	-	8	6
	21-end	10.1	-	6	4	10.6	5.9	8.3	-	2.6	28	0	39	1	-0.4	28	1	9.1	-	3.40	-	6	2
	Month	67.7	119	11	8	10.5	5.4	8.0	-1.0	0.9	10	0	109	2	-1.3	11	7	8.9	-1.0	4.42	82	6	10
Glencolumbkille Co. Donegal	1-10	16.5	/	5	5	10.4	3.5	6.9	/	-0.9	10	1	27	0	-8.0	08	6	/	/	5.44	/	3	/
	11-20	52.8	/	7	6	10.0	4.4	7.2	/	-0.2	11	1	28	1	-0.8	11	1	/	/	3.26	/	5	/
	21-end	7.0	/	4	3	11.7	4.4	8.1	/	0.0	28	0	38	3	-4.5	28	3	/	/	6.04	/	3	/
	Month	76.3	/	16	14	10.7	4.1	7.4	/	-0.9	10	2	93	4	-8.0	08	10	/	/	4.91	/	4	/
Glenties Co. Donegal	1-10	7.9	-	4	3	10.5	1.1	5.8	/	-3.2	10	5	19	0	-8.7	07	7	/	/	6.46	/	/	/
	11-20	33.6	-	7	4	10.2	3.1	6.6	/	-1.4	14	2	23	0	-7.2	14	4	/	/	3.10	/	/	/
	21-end	1.9	-	3	1	12.5	2.5	7.5	/	-3.8	27	3	33	3	-10.7	27	6	/	/	5.42	/	/	/
	Month	43.4	50	14	8	11.1	2.2	6.6	/	-3.8	27	10	75	3	-10.7	27	17	/	/	4.99	/	/	/

Notes on the tables in January issue

TABLE 1 (Continued)

April, 1978

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C														BRIGHT SUNSHINE		WIND	
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAYS	MEAN MAX.	MEAN MIN.	MEAN DAILY	AIR						GROUND		SOIL (10 CM)		MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (ms ⁻¹)	DAYS WITH GALE GUSTS	
									AND DIFFERENCE FROM AVERAGE	LOWEST MIN.	DATE	DAYS WITH AIR FROST	DEGREE DAYS ABOVE 4.5°C	DEGREE DAYS ABOVE 10.0°C	LOWEST "GRASS-MIN."	DATE	DAYS WITH GROUND FROST	MEAN DAILY					DIFFERENCE FROM AVERAGE
Malin Head Co. Donegal	1-10	7.8	-	4	3	7.7	3.6	5.7	-	-0.8	10	1	16	0	-1.6	10	4	7.5	-	4.19	-	6	3
	11-20	7.0	-	5	4	9.4	4.2	6.8	-	0.3	11	0	24	1	-2.6	17	2	7.6	-	2.62	-	7	7
	21-end	10.5	-	5	5	9.5	5.3	7.4	-	3.0	27	0	30	2	0.2	29	0	9.8	-	3.92	-	7	1
	Month	25.3	43	14	12	8.9	4.4	6.6	-1.4	-0.8	10	1	70	3	-2.6	17	6	8.3	-0.5	3.58	70	7	11
Dublin Airport Co. Dublin	1-10	2.2	-	3	1	8.9	3.4	6.2	-	-2.0	10	1	21	0	-4.5	10	7	8.0	-	4.61	-	4	0
	11-20	19.9	-	6	6	10.0	3.6	6.8	-	-1.2	11	2	26	0	-4.8	11	3	8.2	-	3.41	-	5	2
	21-end	7.0	-	2	1	10.8	4.6	7.7	-	1.0	27	0	33	0	-4.8	28	3	10.1	-	5.73	-	5	0
	Month	29.6	59	11	8	9.9	3.9	6.9	-1.3	-2.0	10	3	80	0	-4.8	28	13	8.8	-0.4	4.58	85	5	2
Kinsealy Co. Dublin	1-10	2.4	/	2	1	8.9	3.0	5.9	/	-2.5	10	1	19	0	-3.7	10	6	/	/	5.68	/	3	/
	11-20	16.9	/	6	6	10.3	2.6	6.4	/	-1.6	11	2	21	0	-3.2	15	4	/	/	3.93	/	5	/
	21-end	5.5	/	1	1	10.6	2.9	6.8	/	-1.6	28	1	24	0	-5.1	28	1	/	/	6.19	/	4	/
	Month	24.8	/	9	8	9.9	2.8	6.4	/	-2.5	10	4	64	0	-5.1	28	11	/	/	5.27	/	4	/
Lucan (U.C.D. Field Stn.) Co. Dublin	1-10	0.3	/	1	0	9.0	3.4	6.2	/	-1.2	10	1	21	0	-4.2	10	7	/	/	4.20	/	3	/
	11-20	13.4	/	5	3	10.6	5.9	8.3	/	0.8	11	0	39	2	-3.9	14	4	/	/	3.26	/	4	/
	21-end	9.8	/	2	1	11.3	4.7	8.0	/	-2.0	27	2	37	4	-3.5	27	2	/	/	5.57	/	4	/
	Month	23.5	/	8	4	10.3	4.7	7.5	/	-2.0	27	3	97	6	-4.2	10	13	/	/	4.34	/	4	/
Galway (Univ. Coll.) Co. Galway	1-10	3.4	/	1	1	10.4	3.7	7.0	/	0.8	07	0	28	0	-7.0	06	7	/	/	4.72	/	/	/
	11-20	29.3	/	7	6	11.1	5.3	8.2	/	0.8	11	0	38	0	-6.0	14	2	/	/	3.45	/	/	/
	21-end	8.9	/	4	3	12.4	5.2	8.8	/	1.0	27	0	44	4	-6.5	28	4	/	/	5.07	/	NA	/
	Month	41.6	/	12	10	11.3	4.7	8.0	/	0.8	11	0	110	4	-7.0	06	13	/	/	4.41	/	/	/
Killarney (Muckross Hse) Co. Kerry	1-10	7.5	/	4	3	11.5	2.6	7.0	/	-1.0	07	2	28	0	-4.8	06	6	/	/	5.37	/	/	/
	11-20	86.1	/	6	6	11.2	5.0	8.1	/	0.2	11	0	37	1	-6.0	14	3	/	/	4.10	/	/	/
	21-end	6.3	/	4	4	12.0	5.1	8.5	/	-1.3	28	1	42	5	-3.8	28	3	/	/	3.86	/	/	/
	Month	99.9	/	14	13	11.5	4.2	7.9	/	-1.3	28	3	107	6	-6.0	14	12	/	/	4.44	/	/	/
Calriciveen (Valentia Obsy.) Co. Kerry	1-10	6.8	-	3	2	11.5	3.2	7.4	-	0.1	06	0	31	0	-2.0	06	4	8.7	-	6.34	-	4	1
	11-20	55.2	-	7	5	11.2	5.9	8.5	-	0.3	14	0	42	1	-1.5	14	1	9.5	-	3.28	-	7	7
	21-end	4.1	-	3	3	12.1	6.1	9.2	-	0.1	28	0	48	6	-2.4	28	2	9.0	-	4.47	-	6	4
	Month	66.1	78	13	10	11.6	5.1	8.3	-1.1	0.1	28	0	121	7	-2.4	28	7	9.1	-1.2	4.70	91	6	12

Notes on the tables in January issue

TABLE 1 (Continued)

April, 1978

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C													BRIGHT SUNSHINE		WIND		
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAYS	AIR							GROUND			SOIL (10 CM)			MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (ms ⁻¹)	DAYS WITH GALE GUSTS	
						MEAN MAX.	MEAN MIN.	MEAN DAILY	AND DIFFERENCE FROM AVERAGE	LOWEST MIN.	DATE	DAYS WITH AIR FROST	DEGREE DAYS ABOVE 4.0°C	DEGREE DAYS ABOVE 10.0°C	LOWEST °GRASS-MIN. ¹	DATE	DAYS WITH GROUND FROST	MEAN DAILY					DIFFERENCE FROM AVERAGE
Tralee (Caherweesheen) Co. Kerry	1-10	7.2	/	3	3	11.5	2.5	7.0	/	-0.2	10	3	28	0	-4.7	10	7	/	/	6.03	/	/	/
	11-20	47.9	/	7	6	11.4	4.7	8.0	/	-0.3	14	2	37	1	-4.8	14	2	/	/	3.90	/	/	/
	21-end	2.8	/	5	1	12.1	4.9	8.5	/	-0.2	27	1	41	4	-5.0	27	3	/	/	3.66	/	/	/
	Month	57.9	/	15	10	11.7	4.0	7.8	/	-0.3	14	6	106	5	-5.0	27	12	/	/	4.53	/	/	/
Lullymore Co. Kildare	1-10	1.1	/	2	0	9.4	1.1	5.3	/	-2.7	10	4	13	0	-6.0	06	8	/	/	4.71	/	4	/
	11-20	24.2	/	6	6	10.3	2.5	6.4	/	-2.1	11	2	22	0	-7.2	14	5	/	/	3.91	/	5	/
	21-end	3.3	/	4	1	11.6	2.6	7.1	/	-3.5	28	2	28	0	-8.4	27	6	/	/	5.98	/	4	/
	Month	28.6	/	12	7	10.4	2.0	6.2	/	-3.5	28	8	63	0	-8.4	27	19	/	/	4.87	/	4	/
Kilkenny e Co. Kilkenny	1-10	1.8	-	2	1	10.7	2.0	6.4	-	-1.5	10	1	22	0	-3.4	08	6	8.1	-	5.40	-	2	0
	11-20	42.0	-	6	6	10.2	3.3	6.8	-	-0.8	11	2	25	0	-3.9	14	4	7.9	-	2.98	-	4	3
	21-end	3.5	-	5	1	12.1	4.0	8.0	-	-2.3	28	1	36	4	-7.5	28	3	9.3	-	3.50	-	3	0
	Month	47.3	86	13	8	11.0	3.1	7.0	-1.5	-2.3	28	4	83	4	-7.5	28	13	8.4	-0.9	3.96	78	3	3
Mooncoin (Silverspring) Co. Kilkenny	1-10	2.0	/	1	1	11.5	2.4	7.0	/	-1.2	10	3	28	0	-6.8	07	7	/	/	5.84	/	/	/
	11-20	61.6	/	6	6	10.8	3.1	6.9	/	-0.9	11	1	26	0	-4.1	15	7	/	/	4.07	/	/	/
	21-end	6.1	/	5	2	11.9	3.8	7.9	/	-2.4	28	3	35	2	-6.0	29	4	/	/	4.24	/	/	/
	Month	69.7	/	12	9	11.4	3.1	7.2	/	-2.4	28	7	89	2	-6.8	07	18	/	/	4.72	/	/	/
Ballinamore Co. Leitrim	1-10	1.2	/	2	0	10.6	2.4	6.5	/	-3.3	10	1	22	0	NA	-	-	/	/	3.64	/	2	/
	11-20	25.7	/	6	4	10.4	2.6	6.5	/	-3.2	11	1	23	0	NA	-	-	/	/	3.10	/	3	/
	21-end	5.0	/	2	1	12.1	3.7	7.9	/	-2.9	28	1	36	1	NA	-	-	/	/	5.32	/	2	/
	Month	31.9	/	10	5	11.0	2.9	7.0	/	-3.3	10	3	81	1	-	-	-	/	/	4.02	/	2	/
Ardee (Boharnamoe) Co. Louth	1-10	3.2	/	2	2	9.3	2.6	6.0	/	-0.9	07	1	17	0	-6.9	10	8	/	/	/	/	/	/
	11-20	19.6	/	8	5	10.6	2.6	6.6	/	-2.2	11	2	24	0	-5.2	14	6	/	/	/	/	/	/
	21-end	18.2	/	4	2	11.6	2.8	7.2	/	-2.6	28	2	29	0	-6.2	28	5	/	/	/	/	/	/
	Month	41.0	/	14	9	10.5	2.6	6.6	/	-2.6	28	5	70	0	-6.9	10	19	/	/	/	/	/	/
Ballinrobe (Creagh) Co. Mayo	1-10	7.8	/	2	2	10.5	3.1	6.8	/	-1.1	06	3	24	0	-6.3	06	5	/	/	4.78	/	2	/
	11-20	39.0	/	7	6	11.1	4.4	7.8	/	-0.6	11	1	34	0	-4.6	14	3	/	/	3.71	/	4	/
	21-end	2.6	/	2	1	11.9	3.9	7.9	/	-2.6	27	1	36	1	-7.1	27	3	/	/	5.74	/	4	/
	Month	49.4	/	11	9	11.2	3.8	7.5	/	-2.6	27	5	94	1	-7.1	27	11	/	/	4.74	/	3	/

Notes on the tables in January issue

TABLE 1 (Continued)

April, 1978

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C													BRIGHT SUNSHINE		WIND		
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAYS	AIR					GROUND				SOIL (10 CM)				MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (ms ⁻¹)	DAYS WITH GALE GUSTS	
						MEAN MAX.	MEAN MIN.	MEAN DAILY	AND DIFFERENCE FROM AVERAGE	LOWEST MIN.	DATE	DAYS WITH AIR FROST	DEGREE DAYS ABOVE 4.4°C	DEGREE DAYS ABOVE 10.0°C	LOWEST "GRASS-MIN."	DATE	DAYS WITH GROUND FROST	MEAN DAILY					DIFFERENCE FROM AVERAGE
Belmullet e Co. Mayo	1-10	7.1	-	4	2	10.6	3.0	6.8	-	-0.9	10	1	26	0	-3.1	06	5	8.5	-	6.42	-	5	2
	11-20	15.6	-	7	4	10.5	5.3	7.9	-	2.0	14	0	35	0	-3.0	14	1	8.8	-	2.86	-	6	2
	21-end	2.7	-	2	1	11.9	4.7	8.3	-	-1.7	27	2	40	4	-5.8	27	2	10.4	-	6.27	-	6	1
	Month	25.4	40	13	7	11.0	4.4	7.7	-1.0	-1.7	27	3	101	4	-5.8	27	8	9.2	-0.4	5.18	96	6	5
Claremorris e Co. Mayo	1-10	4.9	-	2	2	10.2	2.5	6.3	-	-1.3	10	3	22	0	-4.1	06	6	7.5	-	3.92	-	3	1
	11-20	35.1	-	5	5	10.6	3.9	7.2	-	-0.3	11	2	29	0	-4.7	14	3	7.9	-	3.20	-	5	1
	21-end	2.3	-	2	1	12.1	3.8	8.0	-	-2.1	27	1	36	3	-6.2	27	2	9.2	-	4.92	-	5	0
	Month	42.3	64	9	8	11.0	3.4	7.2	-0.9	-2.1	27	6	87	3	-6.2	27	11	8.2	-0.5	4.01	84	4	2
Glenamoy Co. Mayo	1-10	8.3	/	4	3	10.6	1.7	6.1	/	-3.3	07	5	20	0	-4.0	07	5	/	/	5.78	/	/	/
	11-20	19.2	/	8	5	10.9	4.1	7.5	/	0.0	14	0	31	1	-2.3	14	3	/	/	3.48	/	NA	/
	21-end	3.9	/	3	1	12.2	3.7	7.9	/	-3.6	27	2	37	4	-4.6	28	2	/	/	6.39	/	NA	/
	Month	31.4	/	15	9	11.2	3.2	7.2	/	-3.6	27	7	88	5	-4.6	28	10	/	/	5.22	/	NA	/
Dunsany (Grange) Co. Meath	1-10	0.8	-	1	0	8.8	1.6	5.2	/	-3.0	10	2	12	0	-6.7	07	8	/	/	4.09	/	NA	/
	11-20	29.0	-	7	4	10.1	2.1	6.1	/	-1.5	15	3	19	0	-7.0	15	6	/	/	3.93	/	NA	/
	21-end	10.0	-	2	1	11.1	2.8	7.0	/	-4.3	28	2	27	0	-8.5	28	5	/	/	5.57	/	NA	/
	Month	39.8	80	10	5	10.0	2.1	6.1	/	-4.3	28	7	58	0	-8.5	28	19	/	/	4.53	/	NA	/
Clones e Co. Monaghan	1-10	3.8	-	3	2	9.5	2.5	6.0	-	-3.8	10	1	21	0	-5.4	10	6	7.1	-	2.90	-	3	0
	11-20	16.9	-	6	4	9.9	2.8	6.3	-	-0.6	11	2	21	0	-3.8	14	3	7.3	-	3.67	-	4	1
	21-end	8.9	-	2	2	11.5	3.4	7.4	-	-1.2	28	1	31	0	-5.0	28	3	8.9	-	4.42	-	4	0
	Month	29.6	54	11	8	10.3	2.9	6.6	-1.3	-3.8	10	4	73	0	-5.4	10	12	7.7	-0.9	3.66	80	4	1
Birr e Co. Offaly	1-10	8.6	-	3	1	9.8	2.5	6.2	-	-2.1	10	1	20	0	-3.6	10	7	7.6	-	4.58	-	3	0
	11-20	29.8	-	7	5	10.3	3.7	7.0	-	-2.0	14	1	26	0	-6.2	14	3	8.3	-	3.46	-	5	3
	21-end	11.4	-	3	2	11.7	4.2	8.0	-	-1.5	28	1	36	3	-5.4	28	3	9.2	-	3.18	-	4	0
	Month	49.8	87	13	8	10.6	3.5	7.0	-1.4	-2.1	10	3	82	3	-6.2	14	13	8.3	-1.1	3.74	74	4	3
Thurles Co. Tipperary	1-10	0.8	-	2	0	10.3	2.3	6.3	-	-2.7	10	2	23	0	-6.8	10	6	/	/	5.00	/	/	/
	11-20	48.4	-	8	7	10.1	3.8	6.9	-	-0.2	11	1	26	0	-5.5	14	5	/	/	3.75	/	/	/
	21-end	6.7	-	7	4	12.2	NA	-	-	-1.7	28	1	NA	NA	-7.2	28	4	/	/	3.76	/	/	/
	Month	55.9	90	17	11	10.8	-	-	-	-2.7	10	4	-	-	-7.2	28	15	/	/	4.17	/	/	/

Notes on the tables in January issue

TABLE 1 (Continued)

April, 1978

STATION	PERIOD	RAINFALL (MM.)				TEMPERATURE °C													BRIGHT SUNSHINE		WIND		
		AMOUNT	% OF AVERAGE	RAIN DAYS	WET DAYS	MEAN MAX.	MEAN MTN.	AIR					GROUND		SOIL (10 CM)		MEAN DAILY (HRS.)	% OF AVERAGE	MEAN SPEED (ms ⁻¹)	DAYS WITH GALE GUSTS			
								MEAN DAILY	AND DIFFERENCE FROM AVERAGE	LOWEST MIN.	DATE	DAYS WITH AIR FROST	DEGREE DAYS ABOVE 4.4°C	DEGREE DAYS ABOVE 10.0°C	LOWEST "GRASS-MIN."	DATE					DAYS WITH GROUND FROST	MEAN DAILY	DIFFERENCE FROM AVERAGE
Dungarvan (Ballygagin) Co. Waterford	1-10	12.1	/	1	1	11.1	3.9	7.5	/	-0.3	10	1	32	0	-4.0	10	4	/	/	6.17	/	2	/
	11-20	88.5	/	7	6	10.8	4.2	7.5	/	-1.7	11	1	32	0	-4.1	11	3	/	/	4.27	/	3	/
	21-end	12.1	/	6	2	11.3	4.9	8.1	/	-2.0	28	1	37	2	-5.0	28	3	/	/	4.26	/	2	/
	Month	112.7	/	14	9	11.1	4.3	7.7	/	-2.0	28	3	101	2	-5.0	28	10	/	/	4.90	/	2	/
Mullingar e Co. Westmeath	1-10	1.2	-	2	0	9.5	2.2	5.9	-	-3.1	10	1	18	0	-4.5	10	7	6.5	-	4.18	-	4	1
	11-20	34.8	-	5	5	10.0	2.3	6.2	-	-1.8	11	2	19	0	-4.4	14	5	7.0	-	3.61	-	5	4
	21-end	1.8	-	2	1	11.5	3.4	7.5	-	-3.4	28	1	31	1	-4.8	28	2	8.8	-	5.20	-	5	0
	Month	37.8	60	9	6	10.3	2.7	6.5	-1.4	-3.4	28	4	68	1	-4.8	28	14	7.4	-1.4	4.33	86	5	5
Campile (Ballysop) Co. Wexford	1-10	3.2	/	2	1	10.1	3.3	6.7	/	-1.7	10	1	25	0	-5.9	10	6	/	/	6.05	/	/	/
	11-20	58.8	/	6	5	10.1	3.2	6.7	/	-1.7	11	2	24	0	-5.4	14	5	/	/	4.39	/	NA	/
	21-end	8.2	/	4	2	11.4	4.6	8.0	/	0.1	28	0	36	2	-5.1	28	3	/	/	4.75	/	/	/
	Month	70.2	/	12	8	10.5	3.7	7.1	/	-1.7	11	3	85	2	-5.9	10	14	/	/	5.06	/	/	/
Clonroche Co. Wexford	1-10	2.7	/	2	1	9.6	2.9	6.3	/	-1.6	10	1	21	0	-5.1	10	7	/	/	5.96	/	2	/
	11-20	53.0	/	7	6	10.0	2.1	6.0	/	-1.6	11	2	18	0	-8.3	15	6	/	/	4.13	/	3	/
	21-end	13.3	/	6	4	11.0	3.5	7.3	/	-0.6	28	2	29	1	-9.5	28	5	/	/	4.87	/	3	/
	Month	69.0	/	15	11	10.2	2.8	6.5	/	-1.6	11	5	68	1	-9.5	28	18	/	/	4.99	/	3	/
Johnstown Castle Co. Wexford	1-10	1.9	-	1	1	8.8	3.5	6.1	/	-1.1	10	1	19	0	-4.3	10	6	/	/	4.87	/	3	/
	11-20	41.3	-	6	5	9.9	3.3	6.6	/	-1.0	11	1	23	0	-3.9	15	6	/	/	4.61	/	5	/
	21-end	12.5	-	5	3	10.8	4.6	7.7	/	0.4	28	0	33	0	-5.9	28	4	/	/	5.16	/	3	/
	Month	55.7	83	12	9	9.8	3.8	6.8	/	-1.1	10	2	75	0	-5.9	28	16	/	/	4.88	/	4	/
Rosslare e Co. Wexford	1-10	2.4	-	1	1	8.6	5.3	6.9	-	0.4	10	0	27	0	-1.7	10	2	8.1	-	4.26	-	7	3
	11-20	29.9	-	6	5	9.9	4.6	7.2	-	0.2	11	0	29	0	-3.2	15	3	8.6	-	4.67	-	6	5
	21-end	8.5	-	5	3	10.5	6.1	8.3	-	3.7	27	0	39	1	-1.6	28	2	10.1	-	5.02	-	6	2
	Month	40.8	76	12	9	9.7	5.3	7.5	-1.4	0.2	11	0	95	1	-3.2	15	7	8.9	-1.1	4.65	79	6	10

Notes on the tables in January issue

TABLE 2

SOLAR RADIATION (GLOBAL), POTENTIAL EVAPOTRANSPIRATION (P.E.) AND SOIL MOISTURE April, 1978

STATION	PERIOD	SOLAR RADIATION	P.E. (mm)	SOIL MOISTURE (mm)		
		Amount Joule/cm ²	Amount	Deficit	Accumulated Deficit	Surplus
Carlow (Oak Park) Co. Carlow	1-10		8	7	7	-
	11-20		23	-	-	11
	21-end	-	7	4	4	-
	Month		38	-	-	-
Kinsealy* Co. Dublin	1-10	12027	11	8	8	-
	11-20	11395	4	-	-	13
	21-end	15263	13	8	8	-
	Month	38685	28	-	-	-
Cahirciveen e (Valentia Obsy.) Co. Kerry	1-10	14122	9	7	7	-
	11-20	12233	18	-	-	24
	21-end	13501	11	-	-	2
	Month	39856	38	-	-	-
Kilkenny e Co. Kilkenny	1-10	14380				
	11-20	11903	-	-	-	-
	21-end	13703				
	Month	39986				
Ballinamore Co. Leitrim	1-10		7	5	5	-
	11-20		12	-	-	14
	21-end	-	16	11	11	-
	Month		35	-	-	-
Glenamoy/ Co. Mayo	1-10		14	5	5	-
	11-20		9	-	-	11
	21-end	-	24	20	20	-
	Month		47	-	-	-
Birr e Co. Offaly	1-10	12307				
	11-20	11956	-	-	-	-
	21-end	13005				
	Month	37268				
Johnstown Castle Co. Wexford	1-10		9	7	7	-
	11-20		18	-	-	24
	21-end	-	11	-	-	2
	Month		38	-	-	-

*, /, See notes in January issue.