

RAINFALL at Orrskirk Springfield Pumping StationCounty of South LancashireObserver G. H. Abbott EsqRiver Basin Alt + C 1Snarden Rain Gauge, by N 3

Diameter ...				5								
Height				0. 11								
Altitude ...				70 ft								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 Mean 1916-19	
January ...				3.47	1.88	2.92	1.67	1.68	2.29	3.60	9.14	
February93	1.87	2.96	2.94	1.18	3.03	1.13	8.28	
March				3.38	3.42	1.15	1.72	2.44	1.28	5.67	11.11	
April				3.47	.71	2.05	2.41	1.57	.91	1.60	6.49	
May				2.61	1.94	1.21	2.27	2.83	2.09	.96	8.15	
June				2.22	1.71	1.36	2.31	1.96	1.80	1.65	7.72	
July				1.77	5.16	3.60	1.79	1.54	4.64	1.84	9.81	
August				1.74	2.01	4.00	5.61	6.40	2.39	3.70	18.10	
September ..				1.75	3.81	.87	2.72	1.96	8.02	1.89	14.59	
October ...				2.43	2.44	1.64	6.34	7.05	2.57	2.85	18.81	
November ..				3.90	2.90	2.34	2.82	3.72	2.29	1.91	10.74	
December...				2.39	6.17	5.84	2.29	1.72	6.84	5.13	15.98	
TOTALS ...				30.06	34.02	30.94	34.89	34.05	38.15	31.83	138.92	20 ft

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Town Green			S. Michael Aughton	2 mi	N.

RAINFALL at Guns Kirk Springfield Pumping StationCounty of LancashireObserver G. A. Abbott EsqRiver Basin Alt & C 1E. Burton Esq. C.E. (1922)
Eng'g & ManagerShawdon Rain Gauge, by N. & S.

Diameter ...	5"											
Height	0. 11											
Altitude ...	70											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	1920-30 MEANS.
January ...	4.07	3.66	3.76	2.46	2.56	1.64	3.23	3.98	6.10	1.94	5.20	38.60
February ...	2.80	2.0	3.36	4.13	1.77	4.95	2.86	1.26	3.02	1.78	1.86	24.49
March	4.51	2.22	1.23	1.74	1.17	1.08	1.87	4.06	2.06	1.12	2.95	23.01
April.....	4.57	1.22	1.90	2.94	1.80	1.32	1.94	1.15	1.29	1.86	2.73	21.32
May	3.85	2.14	1.35	2.76	5.63	4.32	2.64	1.65	2.05	2.13	1.31	29.83
June	3.66	2.3	2.31	1.87	3.97	1.05	1.91	3.86	4.86	1.84	1.65	25.21
July	5.89	1.56	4.53	2.98	4.55	3.47	3.61	4.15	1.64	3.22	5.48	41.08
August	2.44	5.12	4.23	3.86	6.79	3.46	4.06	5.18	4.60	3.76	5.12	48.62
September...	3.12	1.44	3.12	3.13	4.36	4.24	5.04	5.35	1.11	2.11	2.39	35.41
October.....	1.26	2.81	1.33	4.13	5.26	4.05	4.24	3.19	4.02	5.70	5.06	40.05
November...	1.51	2.77	2.62	4.17	2.00	2.95	4.88	5.51	5.67	6.01	5.89	43.68
December...	2.49	3.96	4.59	5.09	4.47	2.62	1.53	1.15	2.56	6.15	4.08	39.69
TOTALS...	40.17	27.33	33.33	38.26	43.33	34.65	35.81	41.59	38.98	35.62	41.92	410.99
	d	d	d	d	d	d	d	d	d	d	d	410.99

Position of Station on reduced Ordnance Survey }
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction

RAINFALL at Ormskirk (Springfield P. Sm)

County of South LancashireObserver C. Burton Ede. Esq., C.E.River Basin Alt & C. - 1

Type of Gauge.....

Annual Average 33.1 in. based on 17 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. S

Diameter	5.										
Height	0.11										
Altitude	70.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Totals
January	3.43	3.25	2.13	2.40	1.78	4.11	2.06	3.36	5.15	(2.50)	30.17
February	2.73	1.05	3.33	1.7	3.29	1.98	4.51	1.08	2.95	2.08	22.17
March	2.1	2.21	2.05	1.64	1.02	1.73	1.56	1.15	1.81	2.33	15.81
April	2.66	2.97	1.42	1.84	2.28	1.07	3.20	1.8	1.67	1.84	19.13
May	2.48	4.68	1.55	2.59	1.76	1.19	2.09	2.43	1.61	2.60	23.88
June	5.46	1.47	1.72	1.96	3.56	2.43	1.64	3.74	3.24	1.57	25.79
July	2.66	5.37	1.45	1.70	1.73	3.26	1.87	2.94	5.85	5.33	31.16
August	6.80	1.68	2.09	3.06	2.27	1.97	2.21	4.11	2.16	1.54	27.99
September	3.52	4.18	1.81	3.19	6.79	3.72	1.73	2.42	1.24	3.71	31.31
October	2.30	7.51	3.62	4.43	5.69	2.33	2.07	7.57	2.25	4.51	42.28
November	6.08	2.93	1.53	2.40	4.26	4.63	1.91	4.29	5.47	6.31	39.81
December	1.67	1.42	1.67	4.90	3.45	3.13	1.93	4.27	4.11	2.97	28.62
TOTALS	40.10	36.72	22.37	29.28	37.88	32.55	26.88	38.64	37.41	36.29	338.12
	d	d	d	d	d	d	d	d	d	d	

1940 Jan 25-31 used from nearby stations.

Position of Station on reduced Ordnance Survey Map,
1 mile to 1 inch Series

No. of Map.....

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 2808

RAINFALL at Darroch (Springfield P. Sta.)

41

County of South Lancashire Observer C. Benton Esq. C.E.River Basin Alt. & B. - 1 N. B. Bennett Esq. (1942)Type of Gauge Sydney M. G.Annual Average 33.1 in. based on 17 years obs. unweighted. Period of average 1881-1915 Ref. SFile No. 166441/32

Diameter	5"		568	445							
Height	0' 11"			1		1' 12"					
Altitude	40'			41	68.75	69'		68.75			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.16	4.20	3.97	4.53	2.24	4.32	2.88	6.98	2.60	1.68	35.55
February	3.75	1.42	2.27	1.66	3.44	5.02	.59	1.72	1.51	3.92	25.30
March	2.77	2.32	.54	.93	1.02	.80	3.27	1.19	2.37	1.33	16.54
April	1.64	1.60	1.86	2.33	1.94	.94	3.04	1.46	2.71	2.75	20.27
May	1.80	2.95	2.74	1.98	3.80	2.18	3.91	1.91	3.06	1.00	25.33
June	.71	.45	2.59	2.74	2.79	3.18	2.29	4.67	.83	2.23	22.48
July	1.41	3.48	4.20	2.91	2.38	5.07	2.80	3.18	1.88	3.03	30.34
August	3.61	4.58	3.92	3.36	2.08	5.60	.24	4.84	2.43	7.53	38.79
September	1.06	3.20	3.61	5.82	2.10	6.05	2.99	2.55	1.19	5.87	34.44
October	3.79	4.36	4.76	4.07	4.65	.71	.82	2.76	4.42	3.30	33.64
November	2.32	.97	2.48	5.68	.30	4.53	3.48	2.22	4.91	5.02	31.91
December	1.38	3.44	1.93	2.67	2.44	3.52	2.13	3.26	5.11	3.82	29.70
TOTALS	26.39	32.97	34.85	33.28	29.18	44.92	28.44	36.74	33.02	41.48	344.29
	d	d	d	d	d	d	d	d	d	d	

1942 Building 25' high 80' SW Gauge fixed in centre of enclosure of ironing
 13' x 11' x 36" high with 5/8" diam. bars at 4 1/2" centres

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1942			Town Green	1 m	NE	Aughton	1/8 m	NNE

BRITISH RAINFALL ORGANIZATION

Station No. 2808RAINFALL at Ormakirk (Springfield P. House)

51

County of L. LancashireObserver N. B. Bennett Esq. C.F.River Basin Alt + 8 - 1Type of Gauge M.O.Annual Average 33.1 in. based on 17 years obs. up-weighted.Period of average 1881-1915 Ref. S35.21 " " 35 " " 1916-1950File No. 1916-1950
1916-1950
1916-1950

Diameter ...	5"			568	445						
Height ...	1' 1'				1						
Altitude ...	69'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means (total)
January ...	3.11	3.78	1.57	3.14	2.62	4.15	1.99	2.96	2.74	5.50	31.56
February ...	2.78	1.33	1.14	3.43	2.34	.30	2.30	4.62	.31	2.26	20.81
March ...	4.74	1.90	1.22	2.36	1.86	1.07	2.28	1.63	1.52	1.94	20.52
April ...	1.56	2.69	3.46	1.20	1.87	2.37	.59	.96	2.62	1.52	18.84
May ...	3.29	2.17	1.97	2.57	3.09	1.29	2.01	5.95	2.04	2.29	24.67
June ...	1.04	2.73	1.95	3.16	3.78	1.65	2.18	4.04	3.15	1.22	24.90
July ...	1.65	1.55	3.42	5.07	.93	4.49	4.58	4.01	4.43	4.22	34.35
August ...	4.59	2.83	4.09	4.23	1.40	9.69	4.03	3.98	.48	5.47	40.79
September ...	2.87	4.22	4.03	4.32	2.92	2.50	5.82	4.03	.41	3.48	34.60
October ...	1.32	4.13	1.52	7.60	2.30	2.35	4.26	3.31	3.46	3.61	33.86
November ...	8.70	2.62	4.84	6.47	1.52	2.10	1.52	1.79	5.54	6.45	40.95
December ...	6.09	3.36	1.58	3.44	3.79	2.54	2.92	3.77	5.85	3.67	37.01
TOTALS ...	41.14 d	33.31 d	30.79 d	46.99 d	28.42 d	34.50 d	35.48 d	39.05 d	32.55 d	41.63 d	362.86

1951 Gauge fixed in the centre of an enclosure of iron fencing 10' x 11' x 3 1/2' high with 3/8" diam bars at 4 1/2" centres

1956 as above and 1122151 Building 80' SW of gauge. Height of building 25'

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SD39358246

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1917			Town Green	1 m. N.E.	Ashton	5/8 m. N.N.E.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	C1913 ✓ but d 19	✓ ✓ but d 21	✓ ✓	✓ ✓	