

RAINFALL AT Ardsley (Kirkham Filter Beds, Jaw Hill)

Lat.

Lon.

County of Yorks W.R. (S.)

~~Standard~~ Rain Gauge, by

Observer B. Clemesha Smith Esq. 02.

Air & barometer

Diameter ..									5		
Height				1	5				1	0	
Altitude ..				314	7				315	7	
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..				1.56	2.08	.57	3.07	.64	1.26	1.06	
February .				1.75	4.04	.83	1.62	.97	1.14	.68	
March				2.85	1.92	1.94	1.27	1.68	2.67	2.73	
April				1.22	1.72	2.04	.43	1.29	2.11	2.00	
May				3.16	2.41	.55	1.56	3.13	2.08	1.70	
June				1.56	.84	2.37	1.35	2.75	1.05	3.63	
July				2.32	1.72	1.33	1.69	2.39	2.86	3.32	
August				2.62	3.56		2.51	1.35	1.65	2.27	
September..				2.61	.48	1.35	.60	.57	2.39	1.59	
October....				7.33	.28	1.52	4.65	5.46	1.10	1.45	
November..				1.39	.91	2.84	2.87	2.56	.95	.22	
December..				1.08	1.46	.33	2.09	1.90	.97	3.92	
TOTALS ..				29.45	21.42		23.71	24.69	20.22	24.57	

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Recd. 16. XI. 07

Ent? 19. XI. 08

Aug. 1905 g broken

1907. Ardsley Station

1909 Abnethorpe ..

RAINFALL at Ardsley Jaw HillCounty of W YorkshiresObserver C Cheneham Smith Esq C.E.River Basin Great Ouse - Calder 8Smarden Rain Gauge, by _____

Diameter ...	5										
Height	1 0										
Altitude ...	315 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.07	.72	3.62	2.64	1.06	2.69	.87	2.01	1.56	3.60	864
February ...	1.56	1.38	1.41	.65	1.26	2.72	3.94	.69	2.61	2.17	941
March .....	.26	.81	2.31	2.59	1.92	.90	4.27	2.04	1.20	3.49	1100
April	2.04	.62	.32	2.28	.62	.58	.95	1.33	1.07	1.70	505
May	1.76	.54	3.59	2.04	1.01	1.95	2.66	2.56	2.37	1.53	902
June	2.22	3.21	4.11	.69	1.95	1.84	1.37	1.59	1.62	.63	521
July	2.93	.10	4.32	.86	3.29	3.85	1.16	1.06	3.86	2.46	854
August	3.66	1.45	5.67	1.19	1.82	3.18	1.77	4.92	2.18	2.38	1115
September ..	.12	2.52	1.21	1.68	.92	.46	1.95	.37	6.53	.93	958
October ...	2.78	1.81	2.74	3.07	2.10	1.11	3.57	3.35	1.77	2.80	1149
November ..	3.30	2.38	1.39	1.61	2.43	1.97	2.95	1.43	1.00	1.84	722
December ...	2.68	3.03	1.62	1.41	4.89	5.95	1.91	1.64	4.64	3.49	1168
TOTALS ...	25.38	18.57	32.31	20.71	23.26	26.70	27.27	22.99	30.41	26.72	10734
	D	D	D	D	D	D			D	D	

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			alvinstrope					

RAINFALL at Ardsley Jaw Hill FiltersCounty of W. R. YorkshireObserver G. Clemens Smith Esq. R.C.River Basin Cuse-Aire-Galder &Eng. WakefieldShower Rain Gauge, by _____

Diameter ...	5											
Height	1	0										
Altitude ...	315											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Methods.	
January ...	2.73	3.41	2.40	1.14	1.38	2.25	1.77	1.60	4.40	1.37	3.38	2583
February ...	2.22	1.7	2.44	3.53	.88	3.60	2.03	.75	2.79	.31	.65	1937
March	2.04	.75	1.68	1.51	.75	.85	.62	1.91	1.58	.24	2.38	1431
April	2.99	.76	2.82	1.47	1.09	2.69	1.37	2.52	.63	.98	1.73	1905
May	2.91	1.07	.95	3.14	4.06	3.56	2.06	1.86	2.25	1.14	1.20	2430
June	1.79	.09	1.52	.68	1.88	.05	2.79	1.79	5.61	.95	1.19	1634
July	6.09	.48	3.38	5.38	2.58	.78	2.01	3.72	.51	2.39	4.98	3210
August	1.44	3.12	5.04	2.63	2.17	2.81	3.09	4.98	5.46	2.44	3.24	3512
September...	.98	.87	2.97	1.77	2.56	2.51	1.12	3.43	.51	.79	3.73	2094
October	1.89	1.22	.95	1.78	3.48	2.47	2.44	2.06	4.18	2.10	2.69	2526
November...	1.10	1.92	1.17	2.27	1.77	1.66	3.55	2.90	5.61	4.03	2.41	2639
December...	2.32	3.01	3.31	2.20	1.96	2.88	.95	1.80	1.08	4.09	1.74	2534
TOTALS...	28.50	17.57	28.53	27.50	24.56	26.11	23.80	29.32	28.21	20.80	29.42	28435
	D	D	D	D	D	D	D	D	D	D	D	D

Inspected 10.8.31 by Dr Glasspoole — see green file.

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
1920			Alverthorpe					

RAINFALL at Ardsley (Jaw Hill Filters)County of West RidingObserver C. Clemesha Smith, Esq., C.E.River Basin Ouse-Aire-Calder-8.Wakefield Corpn. W.V.

Type of Gauge.....

25.8

8

End. 888-12

Annual Average 25.8 in. based on 8 years obs. un-weighted. Period of average 1881-1915 Ref. 2

Gauge 1X40

666310/26

Diameter	5.											
Height	1.0.											
Altitude	315.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	1.77	1.81	1.74	1.51	1.20	2.56	3.54	2.50	4.35	2.41	2339	
February	2.37	.29	2.98	.35	2.15	2.83	4.00	.86	1.34	2.04	1921	
March	.22	1.47	2.00	1.76	.81	1.78	2.19	.38	1.98	1.66	1425	
April	3.22	2.15	1.49	2.57	3.71	1.24	2.54	.08	1.30	1.75	2005	
May	2.24	5.44	2.50	1.01	.57	1.57	2.92	3.11	1.77	.32	2145	
June	5.65	.25	1.38	2.00	1.92	4.11	1.35	1.66	1.41	.57	2030	
July	2.90	2.75	1.98	2.10	.59	2.24	3.08	3.74	6.44	3.58	3000	
August	3.76	1.17	0.53	.97	2.08	1.54	.92	4.13	.98	.39	1647	
September	3.88	1.59	1.60	2.11	4.57	2.76	1.33	2.95	1.16	1.79	2374	
October	.92	3.21	3.46	1.99	4.86	2.28	2.59	3.50	2.34	2.49	2764	
November	3.24	1.19	1.79	2.02	4.46	3.15	1.91	3.29	3.60	3.11	2776	
December	.95	.66	0.46	3.98	2.33	1.27	1.73	2.83	1.72	1.50	1743	
TOTALS	31.12	21.98	21.91	22.37	29.25	27.93	28.10	29.03	28.39	21.61	26169	
	D	D	D	D	D	D	D	D	D	D		

Gauge moved to site few yards distant (suggested at inspection 8/31)
 1940. Jan. covd. for snow.

Position of Station on reduced Ordnance Survey Map, } No. of Map.....

1 mile to 1 inch Series

Reference No.....

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

Station No. 3245 T.F.

RAINFALL at Andaly (Taw Hill Fitter)

41

County of West Riding

Observer Wakefield Glyn W.W.

River Basin Ouse - Aire - Calder

Type of Gauge

Annual Average 25.8 in. based on 8 years obs. un-weighted. Period of average 1881 - 1915 Ref. E. 1881-f.

File No. 666.31026

Diameter	5"		0.80	1.92							
Height	1' 0"			1							
Altitude	315'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Total
January	(2.75)	1.92	3.10	3.08	2.63	2.37	2.01	5.30	8.9	1.35	2540
February	(3.13)	.88	.62	1.04	2.11	3.19	(2.99)	1.38	1.23	4.20	2077
March	(3.03)	1.60	.61	.15	.33	1.30	4.20	.92	.91	1.95	1500
April	(1.94)	1.14	1.24	1.84	1.67	1.62	2.14	2.00	2.29	3.11	1899
May	1.25	2.26	2.33	1.45	4.03	2.50	3.98	1.03	1.47	2.21	2251
June	.38	1.07	1.39	1.75	2.39	1.85	2.90	3.06	.65	.82	1626
July	1.59	1.30	1.36	2.40	1.60	2.96	1.83	1.13	3.52	1.91	1960
August	3.24	1.96	2.16	3.15	2.32	4.04	.31	3.58	2.06	3.82	2604
September	.41	1.10	3.29	3.83	1.34	3.98	1.31	1.12	1.39	2.78	2001
October	2.99	1.83	1.53	2.33	3.35	.75	.91	1.11	2.91	1.20	1891
November	2.72	1.15	1.79	4.32	.30	4.50	2.17	.73	3.86	4.21	2575
December	.57	1.07	1.14	2.10	1.44	2.25	2.51	2.05	3.17	1.25	1755
TOTALS	(24.00)	17.28	20.56	27.50	23.51	31.31	27.26	23.41	24.35	28.81	247.99

1941 m.p. too much estimation.

1947 Feb. part missed for snow

74004

20004

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

Station No. 3245T.F. 43RAINFALL at Cordley (Jaw Hill Filter)

51

County of West Riding-YorksObserver Wakefield Boyer, W.W.River Basin Donne-Aire Calder &

Type of Gauge.....

Annual Average 25.8 in. based on 8 years obs. un-weighted.Period of average 1881-1915Ref. Inst. 703 p. 625.75 " " 35 " " 1916-1950File No. 666.3.10.2.6

Diameter ...	5"			080192								
Height ...	1'0"			1								
Altitude ...	315'			51								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total	
January ...	2.01	2.23	.69	2.07	1.72	3.36	1.03	1.96	2.53	5.06	22.66	
February ...	2.83	.67	1.67	1.99	2.20	.96	2.46	3.87	.12	1.42	18.19	
March ...	3.02	1.65	.87	1.58	2.40	.67	1.48	1.75	.87	2.00	16.29	
April ...	1.09	1.24	1.96	.24	.55	2.44	.10	.36	3.73	.93	12.64	
May ...	4.55	1.61	1.82	2.84	2.98	.59	.96	2.96	.87	1.21	20.39	
June ...	.69	2.19	2.24	1.20	1.57	2.32	1.48	4.18	1.73	1.21	18.81
July ...	2.83	1.37	3.33	1.69	.65	4.45	3.17	4.31	1.49	2.74	26.03	
August ...	4.08	2.33	2.76	5.27	.36	6.11	4.34	2.51	.43	5.23	33.42	
September ...	2.18	1.35	1.37	2.52	1.31	2.90	3.69	2.96	.21	3.82	22.31	
October ...	.84	3.78	1.64	3.46	1.86	1.28	1.24	1.44	1.74	6.35	23.63
November ...	6.58	1.28	2.20	3.99	1.85	.54	1.92	.83	3.08	4.71	26.98	
December ...	2.47	2.04	1.16	2.81	2.90	2.55	2.91	3.67	3.06	2.66	26.23	
TOTALS ...	33.17	21.74	21.71	29.66	20.35	28.17	24.78	30.80	19.86	37.34	267.58	
	D	D	D	D	D	D	D	D	D	D		

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 85 44293233

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

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
	✓	✓	✓	✓ no +1	
	✓ but - 16-17	✓ but - 24	✓	✓	