

RAINFALL AT Hastings Fairlight Reservoir

Lat. Lon. County of E Sussex 6.

Rain Gauge, by

Observer

H Colborne Esq

P.N. Palmer Esq C.R.

Diameter ..				5							
Height ..				8 10							
Altitude ..			517	510					517		
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..					1.18	3.11	4.15	1.22	3.89	1.05	1.48 1.20
February ..					1.71	1.78	2.91	.64	2.76	1.40	1.24 .37
March ..					1.29	1.93	1.61	4.61	1.61	.80	1.98 3.09
April ..					.77	2.18	1.20	1.95	1.15	2.97	1.77 2.29
May ..					2.02	1.96	2.67	.99	1.83	2.12	1.33 1.18
June ..					2.33	2.95	1.17	4.51	1.27	2.66	1.34 3.04
July ..					.95	5.27	.99	.86	.20	2.91	2.18 2.73
August ..					4.27	2.98	1.23	2.98	.77	1.25	4.20 3.75
September ..					2.13	2.57	1.05	3.20	1.28	.71	2.21 2.73
October ..					2.77	4.91	2.40	2.38	4.55	5.18	1.52 6.52
November ..					1.89	2.44	1.82	5.67	6.57	2.48	1.12 1.00
December ..					2.54	2.09	3.15	1.10	2.10	2.94	2.55 5.66
TOTALS ..					23.85	34.17	24.25	30.11	28.98	26.47	22.92 33.56

1903 One church 1000 yards W

No Station 1½ miles S.W.

1904 L. on top of reservoir. No buildings within 300 yards

RAINFALL at "Hastings Fairlight Reservoir"

County of Sussex

Observer H Colborne by

River Basin Cuckmere + C 5

P H Palmer by ch.

Rain Gauge, by

Diameter ...	5						8						
Height	0	10											
Altitude ...	517												
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Sums.	
January ...	3.05	1.60	3.52	4.20	.81	3.66	1.54	1.50	3.47	3.96		16.19	
February ...	3.21	1.52	2.93	1.16	3.01	3.51	2.92	1.31	.96	3.09		10.47	
March	1.51	2.14	3.32	2.29	5.18	.55	3.43	1.78	.96	3.49		3.28	
April	2.21	1.82	.06	2.70	.90	1.65	1.29	1.53	1.48	2.13		9.66	
May	2.62	.63	.80	1.13	.84	3.96	2.98	2.17	1.13	.53		6.63	
June	1.77	2.25	3.52	.66	1.08	.73	2.82	2.91	1.05	.48		7.26	
July	2.70	.19	1.73	2.69	1.37	3.35	.86	3.70	3.02	1.70		9.28	
August	1.78	1.27	6.11	2.16	1.14	2.12	2.18	5.99	1.38	2.09		11.64	
September ..	.29	1.34	3.26	2.52	1.24	2.52	1.09	.87	6.46	.65		9.07	
October ...	4.93	6.78	4.02	4.65	2.78	2.87	5.38	4.05	3.41	.89		13.73	
November ..	6.47	6.64	2.09	3.22	4.32	3.15	5.53	.90	2.29	4.15		12.87	
December ...	3.21	5.91	3.09	1.34	7.47	7.90	5.18	2.30	2.09	4.49		14.06	
TOTALS ...	33.75	32.09	34.45	28.70	30.14	35.87	35.20	29.01	27.70	27.65		449.56	

1110

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

RAINFALL at Hastings Fairlight Reservoir

County of Sussex

Observer P.H. Palmer Esq C.E. died 25.1.1925

River Basin Cuckmere &c c-

G.H. Whitaker, C.E.

M.O. Rain Gauge, by N.Z.Y.

1925 S Little

Borough Water Engineer Hastings

Diameter ...	5										5
Height	1 3			1 0							0 9
Altitude ...	523				505	523					500
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	3.21	2.58	3.90	1.37	2.71	3.35	3.37	2.48	4.94	1.82	2.93
February ...	0.74	1.44	2.25	3.80	0.85	3.21	2.98	3.66	1.35	1.14	1.44
March	1.37	1.25	1.33	2.53	1.99	1.76	1.15	3.36	2.43	1.20	2.61
April.....	2.27	1.66	2.99	2.00	2.79	2.54	3.46	1.50	2.72	1.07	1.99
May	1.50	1.81	2.9	3.24	4.25	2.74	2.28	1.62	2.18	2.29	2.56
June	1.38	0.4	2.10	1.57	1.78	1.11	2.70	3.12	2.93	2.01	1.24
July	3.11	1.2	2.32	1.90	3.21	3.56	1.62	4.42	1.39	1.69	3.38
August	2.00	0.94	1.99	1.97	3.89	1.36	1.18	4.89	1.66	2.55	3.70
September...	4.15	5.1	2.95	2.29	1.98	2.45	1.44	4.40	2.1	9.2	3.08
October.....	1.46	1.34	1.32	1.15	4.63	3.60	3.49	1.42	9.54	4.60	2.83
November...	1.77	1.54	1.95	2.36	3.78	3.02	4.01	3.60	4.23	5.96	5.55
December...	4.10	2.45	3.49	3.80	4.57	4.51	2.31	(4.80)	2.99	7.37	3.36
TOTALS...	26.86	13.68	26.88	31.98	36.13	31.21	30.99	(38.27)	36.54	30.94	33.67

1927 Dec corr for snow.

1930. Trees 20 ft. high, 40 yds. N.W.

W

Position of Station on reduced Ordnance Survey } No. of Map
Map, 2 miles to 1 inch Series }

Reference No.

Date.	Lat. N.	Long. E.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1920	50°52'45" 0°37'5"	Ore		1 1/4 mi SW		Christé Ch. Ore	3/4 mi SW

RAINFALL at Hastings (Fonthill Reservoir)

County of... Sussex

Observer S. Little Esq., C.E.

River Basin 6 - Rother

Hastings Water Engineer

Type of Gauge M.C.

Annual Average 28.2 in. based on 34 years obs. un-weighted. Period of average 1881-1915. Ref. Summary

Computed x 136 685233/26

Diameter											5'
Height											10
Altitude											515
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January											Totals,
February											31.40
March											36.23
April											22.08
May											20.18
June											23.33
July											16.30
August											20.66
September											25.67
October											39.48
November											43.83
December											30.48
TOTALS											316.69
											446

1931 No object near g.

Position of Station on reduced Ordnance Survey Map, } No. of Map..... Reference No.....
1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1931			One	1/4 mi	W	Christ Church, One	3/4 mi. E.

Station No. 552/3

RAINFALL at Hastings (Fairlight Reservoir)

41

County of Sussex

Observer Hastings Water Engineer

River Basin Rother - b

A. Simmonds for D.J. Walker 1949

Type of Gauge M.O.

Annual Average 28.2 in. based on 34 years obs. un-weighted. Period of average 1891-1915 Ref. S.
 29.3 computed by Mr Cornish (1942) F8200582051
 on more recent years. earlier record was defective.

File No. 552/3/2b

Diameter	5"		308	467							
Height	1' 0"			1							
Altitude	515'			41	513'						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.95	2.41	4.79	1.78	2.16	2.67	2.61	4.23	1.77	1.28	28.25
February	2.90	.77	1.41	1.19	1.90	3.11	1.75	1.95	1.16	4.10	20.24
March	2.55	3.47	1.46	.05	1.10	1.78	1.31	.55	.96	1.41	19.64
April	.90	1.29	1.35	1.81	1.27	2.30	2.22	.94	1.17	1.95	15.26
May	1.90	2.53	2.03	.67	1.92	3.06	2.08	1.62	1.79	1.43	19.03
June	1.81	.18	1.38	1.37	.67	2.13	2.89	1.31	.79	1.11	13.64
July	2.99	2.39	1.69	2.16	2.43	3.87	2.88	2.06	.88	2.48	23.83
August	4.46	2.23	1.40	3.64	1.36	5.72	.02	3.34	1.09	3.03	26.28
September	.21	2.92	1.78	2.74	1.97	2.81	1.27	2.95	2.35	2.65	21.65
October	1.07	3.05	2.10	4.47	2.02	2.34	.25	1.19	8.15	1.57	26.21
November	3.68	2.54	2.36	5.33	.33	1.43	1.75	2.51	4.33	6.62	33.88
December	1.67	3.19	2.38	1.88	3.96	3.07	2.90	2.12	1.73	2.68	25.58
TOTALS	29.09	26.97	23.13	27.15	21.09	37.29	27.93	24.77	25.76	30.31	273.49

243.18

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
1943			Ode		SW	Fairlight	E

BRITISH RAINFALL ORGANIZATION

Station No. 552/3

RAINFALL at HASTINGS (FIRKETT RESERVOIR)

51

County of SUSSEX

Observer WATER ENGINEER Hastings

River Basin ROTHER - 6

Type of Gauge M.O. Standard No. 2.7248
over 1 ft

Annual Average 2.8 in. based on years obs. un-weighted. Period of average

29.3 computed by Mr. Cornish 1942. Ref. G.H. 200487/1/60

Ref.

File No. 685233/16

Diameter	5"											
Height	1' 0"											
Altitude	515'											
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January	3.68	2.61	1.19	1.61	5.04	5.30	2.28	4.17	3.36	3.13	32.87	
February	5.64	1.49	1.33	2.75	2.10	1.42	4.91	3.22	.60	2.35	25.31	
March	3.27	3.40	.28	3.44	1.68	.42	1.69	1.49	1.94	2.74	20.35	
April	1.81	1.02	1.96	.37	.34	1.48	.37	1.11	2.15	1.21	11.82	
May	1.67	2.10	1.52	1.80	1.19	.42	1.35	2.39	.72	3.15	19.31	
June	.87	1.00	2.18	2.69	1.85	2.30	.80	3.98	.78	1.93	18.38	
July	2.22	.86	3.09	3.29	1.21	2.48	4.67	2.66	2.29	2.06	25.08	
August	4.89	4.94	3.22	3.98	2.75	3.29	2.28	4.14	.84	4.66	34.99	
September	3.98	5.01	4.32	2.89	2.53	3.01	3.83	2.75	.22	2.50	31.04	
October	2.82	2.97	3.06	3.41	1.55	1.90	1.81	4.02	3.70	7.48	35.72	
November	5.96	4.01	2.22	5.42	1.48	.78	3.09	2.46	6.24	6.78	37.84	
December	2.50	3.51	.78	1.96	4.08	3.94	1.75	4.63	7.29	4.11	34.55	
TOTALS	39.31	32.92	25.15	33.61	31.80	26.99	28.83	31.02	29.63	41.50	326.76	
	D	D	D	D	D	D	D	D	D	D	D	

Prop. Miss Rosewell 9.59. Site on large knifed no. 110 x 45 yds. surrounded by walls & hedges & trees. Probably sufficient shelter in spite of steep slope to W. Large walls & trees. Protection of minor weather considerate re needed. Small Sowd, bottle in use. Canister means broken & 27 giles repaired & new measure purchased. Rec. carried out by 12.1.59.

* inserted in BR, deletion 1966

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference TQ(5) 942121

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

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