

# RAINFALL AT Hastings Fairlight Reservoir

Lat. .... Lon. .... County of E Sussex 6

Rain Gauge, by ..... Observer H. Colborne Esq  
P. H. Palmer Esq. Ch.

Diameter ..				5							
Height ....				0	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	1.51	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	2.83	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 1 1/2 miles S.W.

1904 4. on top of reservoir. No buildings within 300 yards

# RAINFALL at Hastings Fairlight Reservoir

County of Sussex

Observer H. Calhoun

River Basin Cuckmere + C 5

P. H. Palmer Esq. C.E.

Rain Gauge, by \_\_\_\_\_

Diameter ...	5					8						
Height .....	0	10										
Altitude ...	517											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Sum.
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	.54	3.86	2.98	2.17	1.13	.53		6.43
June .....	1.77	2.25	3.52	.64	1.08	.73	2.82	2.91	1.05	.48		6.81
July .....	2.70	.19	1.73	2.69	1.37	3.35	.86	3.70	3.02	1.70		7.26
August .....	1.78	1.27	6.11	2.16	1.14	2.12	2.18	5.99	1.38	2.09		9.28
September ..	.29	1.34	3.26	2.52	1.24	2.52	1.09	.87	6.46	.65		11.64
October ...	4.93	6.78	4.02	4.65	2.78	2.87	5.38	4.05	3.41	.89		9.07
November ..	6.47	6.64	2.09	3.22	4.32	3.15	5.53	.90	2.29	4.15		13.73
December ...	3.21	5.91	3.09	1.34	7.47	7.90	5.18	2.30	2.09	4.49		12.87
TOTALS ...	33.75	32.09	34.45	28.70	30.14	35.87	35.20	29.01	27.70	27.65		14.06

119.56

11.14

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

RAINFALL at Hastings Fairlight-ReservoirCounty of SussexObserver P. H. Palmer Esq C.E. died 25.1.25River Basin Cuckmere & Co.G. H. Whitaker, C.E.N.O. Rain Gauge, by N. & J.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	1930 MEANS.	Totals
January ...	3.21	2.58	3.90	1.37	2.71	3.35	3.37	2.48	4.44	1.32	2.93	32.16
February ...	.64	.44	2.25	3.80	.85	3.21	2.98	3.66	1.35	1.14	1.44	21.66
March .....	1.37	1.25	1.33	2.53	1.99	.76	.15	3.36	2.43	.20	2.61	17.78
April .....	2.27	1.66	2.99	2.00	2.79	2.54	3.46	1.50	2.72	1.07	.99	23.99
May .....	1.50	1.81	.29	3.24	4.25	2.74	2.28	.62	2.18	2.29	2.56	23.76
June .....	1.38	.04	2.10	.57	1.78	.11	2.70	3.12	2.93	2.01	1.24	17.98
July .....	3.11	.12	2.32	.90	3.21	3.56	1.62	4.42	1.39	1.49	3.38	25.52
August .....	2.00	.94	1.99	1.97	3.89	1.36	1.18	4.89	1.66	2.55	3.70	25.83
September...	4.15	.51	2.95	2.29	1.98	2.45	.44	4.40	.21	.92	3.08	23.38
October .....	1.46	.34	1.32	7.15	4.63	3.60	3.49	1.42	9.54	4.60	2.83	40.38
November...	1.77	1.54	1.95	2.36	3.78	3.02	4.01	3.60	4.23	5.96	5.55	40.77
December...	4.10	2.45	3.49	3.80	4.57	4.51	2.31	(4.80)	2.99	7.59	3.36	43.77
TOTALS...	26.86	13.68	26.88	31.98	36.13	31.21	30.99	38.27	36.54	30.94	33.67	337.18

1927 Dec corr for snow.

1930. Trees 20 ft. high, 40 yds. N. &amp; S.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	50° 52' 45"	0° 37' 5"	Ore	1 1/4 mi	SW	Christ's Ch. Ore	3/4 mi	SW



RAINFALL at Hastings (Fairlight Reservoir)County of SussexObserver S. Little Esq. C.E.River Basin 5 - RotherHastings Water EngineerType of Gauge M.C.Annual Average 28.2 in. based on 34 years obs. un-weighted. Period of average 1881-1915 Ref. SussexComputed  $\times 136$ 685233/26

Diameter													
Height													
Altitude													
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals	
January								4.18	5.88	3.43		31.40	
February								1.28	1.45	2.18		36.23	
March								.65	2.41	3.46		22.08	
April								.70	2.65	1.64		20.18	
May								2.76	.77	1.24		23.33	
June								.69	1.41	1.15		16.30	
July								2.04	1.87	2.32		18.20	
August								1.34	2.02	-		20.23	
September								2.86	.84	1.37		20.66	
October								3.76	7.79	4.16		25.67	
November								4.24	6.37	8.00		34.48	
December								4.04	1.76	2.67		43.83	
TOTALS								28.54	35.62	31.62		30.48	
								D	D	D		446	

1931 No object near G.

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
1931			One	1 1/2 ml	W	Christ Church One	3/4 ml.	E.

Station No. 552/3

RAINFALL at Hackings (Fairlight Reservoir)

41

County of SussexObserver Hackings Water EngineerRiver Basin Rother - b

A. demands for D.J. Walker 1948.

Type of Gauge M.O.Annual Average 29.3 in. based on 54 years obs. un-weighted. Period of average 1891-1915 Ref. S.29.3 computed by tin Cornish (1942) F8100A9740,  
on more recent years. Earlier record was defective.File No. 685223.26

Diameter	5"			308	467							
Height	1'0"				1							
Altitude	515'				41	513'						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Totals	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	.46	.06	1.10	1.78	7.31	.55	.96	1.41	19.64	
April	.90	1.29	1.35	1.87	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	4.43	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,  
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.
1943			ole		SW	Fairlight		E

BRITISH RAINFALL ORGANIZATION

Station No. 552/2

RAINFALL at HASTINGS (FARLIGHT RESERVOIR)

51

County of SUSSEXObserver WATER ENGINEER (HASTINGS)River Basin ROTHER - 6Type of Gauge M.O. Snowdon No. 1748  
map 4159Annual Average 2.3 in. based on 29.3 years obs. un-weighted. Period of average 1924-52 computed by Mr. Cornish 1952. Ref. g. 1120048/140

Ref.

File No. 685233/26

Diameter ...	5"			308	467						
Height ...	1' 0"				1						
Altitude ...	515'				51						
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	32.37
February ...	5.64	1.49	1.33	2.75	2.10	1.42	4.91	3.22	1.0	2.35	25.31
March ...	3.27	3.40	.28	3.44	1.68	.42	1.69	1.49	1.99	2.74	20.35
April ...	1.81	1.02	1.96	.37	.34	1.48	.37	1.11	2.15	1.2	11.82
May ...	1.67	2.10	1.52	1.80	4.19	.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	2.73	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	4.55	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	81.80	26.99	28.83	37.02	29.63	41.50	326.76
	D	D	D	D	D	D	D	D	D	D	D

Map. This Reservoir 9.59. Site on large knoll no. 110 x 45 yds. surrounded by walls & hedgerows. Probably sufficient shelter in spite of steep slope to W. beyond walls & trees. But some of minor factors cannot be excluded. Gravel sand, bottles in use. Caden means broken to 27 of the repair & new means purchased. Res. carried out by 12.59.

\* inserted in BR, deleted 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 Direction from gauge	Parish Church.	Distance Direction 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
	✓	✓	✓	✓	
	✓	✓	✓	✓	