

RAINFALL AT Hastings Halton Reservoir

Lat.

Lon.

County of

C. S. S. S.

Rain Gauge, by

Observer

H. Holborne, Esq.

P. H. Palmer Esq. M.L.

Diameter ..				5							
Height ..				0.10							
Altitude ..			301								
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..			1.10	2.90	3.91	1.16	4.22	1.18	1.24	1.14	
February ..			1.16	1.80	2.97	.69	2.61	1.55	1.10	.43	
March ..			1.30	1.83	1.66	4.58	1.65	.77	2.09	4.24	
April ..			.81	1.92	1.13	1.93	1.33	3.07	1.76	2.18	
May ..			2.02	1.67	2.90	1.01	2.85	2.08	1.26	1.04	
June ..			2.30	2.92	1.54	4.24	1.52	2.53	1.36	2.91	
July ..			.94	4.84	1.02	.82	.41	1.87	2.00	2.42	
August ..			4.11	2.67	1.24	2.97	.76	1.25	4.43	3.98	
September ..			2.63	2.72	1.19	3.53	1.06	.78	2.15	3.49	
October ..			2.67	4.37	2.17	2.49	4.40	4.99	1.64	6.47	
November ..			1.69	2.36	1.64	5.56	6.72	2.26	1.05	.89	
December ..			2.34	2.02	3.24	1.11	2.36	2.80	2.43	5.67	
TOTALS ..			23.07	32.02	24.61	30.09	29.89	25.13	22.51	34.86	

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Hastings
1903 Emmanuel Church $\frac{1}{4}$ mile SWOre Station $\frac{1}{2}$ " "

Buildings 30 ft high 150 ft W

RAINFALL at Hastings Halton ReservoirCounty of SussexObserver H. Colborne EsqRiver Basin Cuckmere & C. 5P.H. Palmer Esq. Ch

Rain Gauge, by _____

Diameter ...	5						8					
Height	0.10											
Altitude ...	301							300.				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	2.97	1.62	3.64	4.14	.99	4.31	1.72	1.48	3.53	4.10		Sum 16.19
February ...	3.35	1.44	2.74	1.17	3.01	3.97	4.77	1.32	.96	3.09		10.83
March	1.56	2.45	3.46	2.57	5.75	.64	3.92	1.88	.93	3.78		10.51
April	1.95	1.71	.67	2.75	.93	1.81	1.79	1.82	1.51	2.68		7.80
May	2.53	.63	.82	.93	.69	3.28	2.73	2.60	1.19	.39		6.81
June	1.88	1.91	3.14	.85	1.30	.66	2.73	2.75	1.15	.50		7.13
July	2.79	.39	1.48	2.26	1.67	3.37	.88	3.64	3.01	1.77		9.30
August	1.90	1.93	6.12	2.17	.87	1.85	2.42	6.19	1.46	2.25		12.32
September ..	.26	1.23	3.14	1.94	1.50	2.41	1.25	.83	6.92	.75		9.75
October ...	4.88	6.25	3.86	4.73	2.50	2.87	5.72	4.58	3.20	1.14		14.64
November ...	6.13	6.61	2.52	3.35	3.81	3.06	5.54	.95	2.08	4.65		13.22
December ...	3.15	6.23	3.45	1.53	7.88	7.96	5.18	2.92	1.99	4.65		16.76
TOTALS ...	33.35	32.40	34.44	28.39	30.90	36.08	38.65	30.86	27.93	29.75		127.19

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

RAINFALL at Hastings Halton Reservoir

County of Sussex

Observer P. H. Palmer Esq. C.E. did 28.1.25

River Basin Cuckmere & L.S.

G. H. Whitaker, C.E.

M. O. Rain Gauge, by N & R.

1925. S. Little C.E.
Borough & Water Engineer Hastings

Diameter ...	5"										
Height	0.10	1.3		1.0							
Altitude ...	300										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...	3.75	3.02	3.77	1.30	2.59	4.00	3.19	2.55	4.99	1.18	3.05
February ...	5.7	5.0	2.43	3.94	1.02	4.05	3.23	3.40	1.53	.99	1.48
March April.....	1.29	1.25	2.25	2.54	1.96	.66	.33	3.30	2.64	.14	2.46
May	2.36	1.64	3.04	2.10	2.85	2.89	3.44	1.85	2.97	1.18	1.27
June	1.41	1.27	.28	3.59	4.06	2.37	2.19	.89	2.53	2.22	2.32
July	1.59	.07	1.64	.64	1.62	.13	2.57	3.17	2.70	2.10	1.14
August	2.91	.13	2.38	1.13	3.04	3.77	1.82	4.70	1.38	1.66	2.99
September...	1.87	.76	2.19	2.34	4.17	1.43	1.27	4.93	1.64	2.42	3.19
October.....	4.16	.57	3.27	2.66	1.97	2.73	.49	4.29	.28	1.08	3.64
November...	1.55	.47	1.40	8.02	4.78	3.33	3.69	1.58	9.02	4.87	2.82
December...	1.70	1.87	1.72	2.44	3.26	3.05	7.86	3.24	4.09	5.90	6.76
TOTALS...	27.12	14.26	27.85	34.48	35.94	33.55	32.34	38.69	37.25	31.63	34.47

Total 15.

1930

Engine House 15' high. 20 yds. N.

PHOTO

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

Date.	Lat. N.	Long. E.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1920	50° 5' 14" N	0° 35' 40" E	Gre	1/4 mi	N	Halton	1/8 mi NNE

RAINFALL at Hastings (Halton Res.)

County of Sussex

Observer G. Little Esq., C.E.

River Basin Cuckmere &c. 5

Hastings Water Engineer

Type of Gauge A.O.

Annual Average 28.6 in. based on 34 years ~~glo~~ un-weighted. Period of average 1881-1915

Computed x/36

Ref. Survey

685233/26

Diameter	5	Height	10	Altitude	350							Totals Means
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	2.73	2.58	2.33	2.36	1.66	4.76	5.18	4.14	5.26	2.41	33.41	
February	2.30	2.28	2.40	1.15	3.23	2.34	5.67	1.09	1.63	1.99	21.08	
March	1.43	1.61	2.51	2.84	1.48	1.45	4.52	1.54	2.33	2.72	19.13	
April	3.20	2.60	1.23	2.48	3.44	2.24	2.87	1.68	2.41	1.61	22.96	
May	2.08	2.97	1.61	1.41	1.36	1.13	2.23	2.68	1.87	1.35	16.59	
June	1.09	1.65	1.28	2.65	2.39	3.54	2.15	1.58	1.38	1.15	17.76	
July	2.84	3.83	1.59	1.88	1.52	3.24	1.35	1.68	1.16	2.31	20.20	
August	3.83	.99	1.27	2.04	5.21	1.43	2.06	1.86	1.85	-	20.54	
September	1.80	2.54	4.68	1.22	4.88	2.33	2.00	2.54	1.71	2.22	24.82	
October	1.69	8.62	2.60	2.49	3.92	1.48	3.60	3.90	1.81	3.98	39.09	
November	5.37	1.50	2.20	2.83	6.05	4.60	1.32	4.09	6.33	8.06	42.35	
December	1.77	1.45	0.70	1.91	4.43	3.03	4.51	3.42	1.71	2.66	29.59	
TOTALS	27.13	29.62	24.20	27.86	37.57	30.77	37.46	27.20	35.25	30.46	307.52	244

1931. Engine house 14' high, 60' N.W.
 Trees 20' " 44 yds. N.W. & SW.
 Shed (Brick) 6' " 52' S.E.

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 m.	N. NW	Halton.	1/8 m. N.E.

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

Station No. 5444

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RAINFALL at Hawkinge (Halton Res.)

County of Sussex

Observer

Water Engineer

River Basin South downs S.C.S.

by D.J. Walker 1948

Type of Gauge M.A.O.

Annual Average 25.1 in. based on 34 years obs. un-weighted. Period of average 1881-1915 Ref. S.

File No. 685233/2a

Diameter	15"			309	016						
Height	1' 0"				1						
Altitude	294'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	T-1915 Means
January	4.66	2.41	4.78	1.91	2.23	2.56	2.28	4.03	1.28	1.23	27.37
February	2.62	.65	1.52	1.13	1.75	3.07	1.34	1.37	1.09	1.17	18.71
March	2.44	3.37	1.41	.05	.89	1.68	6.85	.53	1.04	1.25	18.51
April	1.03	1.34	1.29	1.57	1.08	2.00	2.09	.92	1.39	2.05	14.76
May	1.87	2.34	1.97	.62	1.59	2.60	1.88	1.62	1.65	1.30	17.44
June	1.79	.12	1.46	1.20	.70	1.78	3.08	1.71	.62	1.17	13.63
July	3.27	2.30	1.89	2.02	3.16	3.40	3.14	2.22	1.07	2.18	24.65
August	4.14	2.51	1.52	2.86	1.18	5.27	.00	3.12	1.11	4.00	25.71
September	.24	2.66	2.14	2.68	1.89	2.57	1.28	2.77	2.13	2.70	21.06
October	1.15	2.97	1.93	1.18	2.21	2.18	.22	1.33	8.67	1.44	26.28
November	4.10	2.50	2.30	6.53	.36	3.97	1.54	2.28	3.80	5.92	32.30
December	1.59	3.06	2.37	1.91	3.62	3.17	2.99	2.25	1.96	2.77	25.69
TOTALS	28.90	26.23	23.58	25.66	20.66	34.25	26.69	24.15	25.81	30.18	266.11

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FHWPosition 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 from gauge	Parish Church.	Distance from gauge
1945			One		N.W.	Hawkinge	
1948			One	1 m.	N.W.	One	1 m. E

Station No. 544

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RAINFALL at HASTINGS (HASTINGS RESERVOIR)

County of SUSSEX

Observer WALTER ENGINEER, HASTINGS

River Basin CUCKMERE & C-5

Type of Gauge N.O. 3 Standard rain gauge. Condensation.

Annual Average Rain. based on 34 years obs. un-weighted. Period of average 1881-1915 Ref. 5
29.95" " 35 " 1916-1950 1916-1950 File No. 1916-1950 233/126 P

Diameter	5"			309	016						
Height	1' 0"					1					
Altitude	294'					51					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	TOTALS Means
January	3.98	2.97	1.15	1.39	4.52	5.81	2.40	4.11	3.95	3.12	33.46
February	5.81	1.69	1.52	2.55	1.94	.81	5.11	2.90	.06	2.41	24.83
March	3.15	3.03	35	3.46	1.34	.43	1.81	1.40	1.88	2.66	19.51
April	2.16	1.17	1.80	.42	.36	1.35	.22	1.30	2.19	1.17	12.14
May	1.55	1.58	1.33	1.87	4.42	.48	1.27	2.51	.53	3.24	18.78
June	.93	.98	2.20	2.51	1.94	2.27	.79	3.91	.57	1.78	17.83
July	3.21	.70	2.46	3.54	.98	2.31	4.51	2.45	1.41	2.25	23.82
August	4.74	4.70	2.99	3.64	2.05	3.08	2.04	4.04	.66	4.23	32.17
September	4.09	4.29	4.17	2.96	2.22	2.66	3.70	2.66	.21	2.37	29.33
October	2.81	2.86	2.84	3.17	4.22	1.85	2.06	4.13	3.83	7.05	34.82
November	5.77	4.23	2.02	5.41	1.35	.76	3.53	2.38	6.26	6.83	38.24
December	2.89	3.75	.81	2.21	4.34	3.99	1.68	4.20	7.55	4.96	36.38
TOTALS	41.09	31.95	23.64	33.13	29.71	25.80	29.12	36.05	29.60	41.72	321.31
	D	D	D	D	D	D	D	D	D	D	

Inp. q/sq.m. Russell g. the result more firmly. Bowl enough to go in outside wall about level of possible g. in centre large granular mass 8x4x4 ins. surrounded by wall or hedge or trees. Slope down to be protected by house roofs. Prepared under leg. 2159

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference TQ(5)826104

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