

RAINFALL at Salcey ForestCounty of NorthamptonshireObserver Meteorological OfficeRiver Basin Nene 4

J. Jones Esq (14)

Rain Gauge, by Forbairn & Rogers

Diameter ...					8							
Height					1.0							
Altitude ...							370					
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTALS. 16-19
January68	2.62	1.25	1.61	2.08	3.64		8.58
February ...					1.44	2.98	4.22	1.18	.87	3.30		9.57
March					3.04	1.06	5.50	1.53	.62	4.04		11.69
April67	.87	1.44	1.49	3.11	1.99		8.03
May86	1.30	1.64	1.85	1.76	1.04		6.29
June					2.24	1.20	2.55	2.09	.57	.78		5.99
July				# 1.13	1.64	4.37	1.80	2.52	2.71	3.17		10.20
August				82	1.94	1.43	3.10	6.51	1.10	2.47		13.18
September ..				2.45	1.21	2.25	.70	1.88	5.42	1.64		9.64
October ...				4.13	3.09	1.82	2.34	3.23	1.60	1.36		8.53
November ..				2.01	2.41	2.34	4.23	.91	2.19	1.55		8.88
December...				79	4.79	4.77	2.67	.55	3.42	3.78		10.42
TOTALS ...				2	24.01	27.01	31.44	25.35	25.45	28.76		111.00

1914 Hedge 3 ft high 9 NE
1515 4' 6" - 12 ft E
Daily values in bound volume shelf CH, R. 14.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52.15	0.49.	Norton Fiddington	3.9 m 2 1/2 m	NE E	Norton	1 1/2 m	NE

RAINFALL at Salcey Foresthow
nos 14County of NorthamptonshireObserver Office of WoodsRiver Basin Nene 4

S. Jones

Rain Gauge, by Pastacelli's RaphinForestry Commission

Diameter ...	8												
Height	1	3											
Altitude ...	370												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Mean 1930	Totals	
January ...	2.21	2.53	3.09	1.18	3.39	1.55	3.76	2.82	4.58	1.41	3.81	27.83	
February79	.68	1.91	4.53	.57	3.50	2.35	4.00	2.77	.89	1.16	23.15	
March	1.99	.84	1.87	2.23	.73	.76	.56	2.23	1.92	(.00)	1.84	14.96	
April.....	4.24	1.24	3.78	2.03	3.24	1.57	3.06	1.51	1.73	1.56	2.06	26.02	
May	2.04	1.45	1.84	.92	5.82	2.65	3.36	.90	1.15	1.65	2.11	23.87	
June	1.79	.26	.63	.46	2.85	.00	3.24	3.13	2.57	1.28	.65	16.86	
July	3.17	.26	3.85	2.15	3.66	3.90	(1.77)	2.95	2.35	1.17	3.13	28.46	
August	1.02	1.45	5.20	1.65	2.68	1.95	1.67	4.67	2.66	1.03	2.94	26.92	
September...	2.01	1.19	2.78	2.64	3.56	4.36	1.77	5.93	.69	.23	4.84	30.00	
October.....	1.18	1.37	.60	3.60	4.11	2.49	2.21	2.10	4.25	3.24	1.88	28.03	
November...	1.27	1.63	.96	1.35	2.84	2.38	3.81	3.44	3.93	6.40	3.97	31.93	
December...	1.96	1.68	2.56	2.62	4.20	3.18	.52	3.35	2.81	6.39	2.93	32.20	
TOTALS...	23.67	14.68	29.07	25.36	37.65	29.28	28.08	37.03	31.41	25.25	30.82	312.30	
	D	D	D	D	D	D	D	D	D	D	D	D	

1926. July est. from map.

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

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	*Parish Church.	Distance from gauge	Direction
192	52° 15'	0° 49'	Piddington	2 1/2 mi	E	Horton	1 1/2 mi	N E

RAINFALL at Salcey ForestCounty of NorthamptonshireObserver Forestry CommissionRiver Basin Nene - 4

Type of Gauge

Annual Average 26.4 in. based on 21 years obs. un-weighted. Period of average 1881-1915Ref. Januarycomputed x 13692691/29

Diameter	8.											
Height	1.3.											
Altitude	370.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Means
January	1.74	(1.76)	1.68	1.72	.89	4.02	3.23	2.79	5.26	2.57	25.66	
February	2.82	.26	(2.05)	0.48	2.54	1.72	3.25	.84	.92	2.11	16.99	
March	1.00	(1.65)	2.32	1.61	.41	1.37	3.04	.29	1.85	2.31	15.85	
April	2.99	2.26	.65	1.57	3.59	2.00	2.93	.17	2.85	2.63	21.64	
May	2.48	2.30	1.55	0.63	1.56	1.11	4.39	1.83	1.56	1.70	21.11	
June	1.53	.62	3.26	0.90	3.25	3.14	1.74	1.16	2.31	.95	18.86	
July	2.31	2.32	1.33	2.06	.82	6.08	2.00	1.49	2.25	3.59	25.25	
August	3.61	2.52	.78	1.71	2.35	.33	1.11	4.92	5.31	.08	22.72	
September	2.59	2.48	2.08	2.38	4.48	3.35	1.85	1.74	.57	.86	22.38	
October	.39	2.98	1.78	1.36	3.35	2.00	3.11	3.04	5.92	2.80	26.73	
November	2.26	1.54	1.74	2.24	4.02	2.11	1.84	2.73	3.97	6.55	29.00	
December	.74	.61	.46	5.07	2.78	1.54	2.11	3.70	1.74	1.52	20.27	
TOTALS	24.46	(23.39)	19.68	21.73	30.04	28.77	30.60	24.70	35.51	27.67	166.46	

1931. March high, but Observer confirms original figures. (Comparison)
 1932. Record satisfactory, after new gauge + machine installed in April. Earlier months built up by
 1933. Feb. part estimated for snowfall.

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. M. 1103/4RAINFALL at Saley Forest Yard, HASTINGS (EAST LONDON)

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County of Northamptonshire Observer Foresty CommissionRiver Basin NoneType of Gauge Annual Average 26.4 in. based on 21 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 926691/29

Diameter	8"			160	521							
Height	1' 3"				1							
Altitude	370'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals
January	3.50	2.46	3.75	1.45	1.27	1.50	1.86	4.30	.98	.59		21.66
February	2.06	.62	.84	1.11	1.48	2.02	1.62	1.10	1.19	3.34		15.38
March	3.00	1.75	.82	.19	.60	1.29	5.64	.87	1.67	.97		16.80
April	1.31	.96	.77	1.67	.94	1.46	2.23	1.54	1.68	1.53		16.09
May	2.57	2.86	1.75	1.08	1.44	2.66	1.14	5.11	2.54	2.96		24.11
June	1.18	.71	2.21	2.28	1.83	2.03	1.21	2.11	.50	2.28		16.34
July	2.78	2.22	.47	1.86	1.77	1.51	1.93	1.52	1.48	3.47		17.01
August	4.78	2.57	1.97	2.62	.96	3.91	.01	3.27	1.49	1.18		23.76
September	.37	.75	1.78	2.69	2.52	3.62	1.21	2.53	1.30	3.04		17.81
October	2.24	2.06	2.16	2.96	3.81	1.69	.26	3.88	4.47	.78		24.31
November	2.50	2.31	1.25	3.07	.48	5.34	1.76	1.64	2.41	3.64		24.40
December	1.11	1.96	.94	1.40	2.91	2.18	2.29	3.35	1.61	1.01		18.76
TOTALS	27.40	21.23	18.71	22.38	21.01	29.21	21.16	31.22	21.32	24.79		237.43

1950 Sta. was previously incorrectly named & transferred from site at about 1942 to 1949 as the name from Saley Forest to Arden, Hastings. Took place about 1942. Name was 38 p. file 725671/24

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

Station No. 11071103/11/19

RAINFALL at Satley Forest, Harrogate (Forest Lodge) 51

County of Northamptonshire Observer Frederick G. G. G. G.

River Basin Nene - 4 Nene River Board.

Type of Gauge MKII in inspection

Annual Average 26.4 in, based on 9 years obs. un-weighted. Period of average 1881-1915 Ref. S A.W.S.
24.9 (adjusted BK 1954)
25.09 - 27 - within 1916-58 - 1916-50 File No. 926691/29
Ref-S

Diameter in.	8			160	521						
Height ft.	13				1						
Altitude ft.	370				51				332		
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.53	1.44	.86	.92	1.95	3.83	1.40	2.73	3.83	3.12	
February	3.29	.59	1.07	2.13	1.52	.40	2.46	3.24	.03	2.18	
March	3.64	3.21	.61	2.53	2.05	.82	1.90	1.87	3.27	1.71	
April	2.85	1.99	1.85	.25	.73	.76	.42	.88	1.72	.51	
May	2.68	2.67	1.86	2.19	4.60	.41	2.14	2.02	.42	1.17	
June	.80	1.02	1.88	2.33	2.44	2.65	2.18	5.34	.83	3.15	
July	1.22	.30	2.79	3.22	.11	5.00	2.64	2.41	2.54	3.76	
August	3.79	3.54	2.63	5.01	.38	3.56	1.70	2.53	.61	2.57	
September	2.78	2.54	1.06	2.73	1.36	1.91	5.32	2.58	.12	4.14	
October	.65	3.63	2.23	2.31	1.44	1.31	(1.90)	2.16	1.59	5.14	
November	4.33	3.09	1.90	4.69	1.28	.67	(1.60)	1.81	1.83	4.32	
December	1.71	2.52	.59	2.16	1.77	2.95	2.33	2.73	4.16	3.10	
TOTALS	30.27 d	26.54 d	19.33 d	30.47 D	19.63 D	24.27 D	(25.99) d	30.30 D	21.15 D	34.87 d	

1951. Site previously incorrectly named & mentioned

Inspected 25/5/56 M. Deeks. Gauge stem detached. measure cal. fixed. Site satisfactory but recommend move 10' N.W. away from gump tree & keep tree (5' x 12") topped to 10'.

Letter 20.11.56 23.6.56 Gauge repaired. Gauge moved 15' N.W. This may be removed later. 1957 Oct. - Nov. est. 1103b. Observer ill. 9.1.58 Transferred to Nene R. Co. Height ASL given as 332' Installed 9.1.60 by 211000 satisfactory site but g. needs attention.

Position of Station on Ordnance One-Inch map: No. of Map: National Grid Reference SP 42/882573

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
	c imp 13 ✓	✓	✓	✓	