

RAINFALL AT *Luton*, Pumping Station.

80

Lat.

Lon.

County of *Bedford*

Rain Gauge, by

Observer *W. H. Pitt, Esq.*

See - 2.

Diameter			5								
Height			1. -								
Altitude			344 ft								
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January			1.44	2.77	1.99	1.69	3.09	2.08	.58	1.12	
February			1.16	3.89	1.11	3.29	.46	.75	1.26	1.72	
March			1.64	1.02	1.36	1.28	1.57	1.58	2.76	1.63	
April			3.50	1.62	1.72	2.82	1.92	1.26	1.67	2.46	
May			1.93	1.72	.51	2.66	3.57	1.62	1.40	4.61	
June			3.09	1.87	1.82	2.40	1.03	1.07	2.31	1.23	
July			2.47	3.11	1.88	.19	1.61	.84	3.68	6.46	
August			1.59	.48	1.49	1.49	1.04	.92	2.40	2.15	
September ...			2.42	4.43	2.10	3.68	1.44	2.91	1.01	1.89	
October			5.24	2.73	1.58	4.79	4.32	1.41	.90	3.72	
November			3.23	2.46	1.13	3.57	3.15	3.39	4.28	1.21	
December			2.91	1.34	2.89	1.34	4.04	1.41	1.60	1.34	
TOTALS ...	(32.00)	(28.00)	30.62	27.44	19.58	29.20	27.24	19.24	23.85	29.54	

1882 St. Mary's 600 yards N.E.

Earth Bank 8 ft height 66 ft E

1889 St. Mary's 550 yards N.

Building 23 ft high 150 ft E

Gauge moved in June 50 yards N

RAINFALL AT Luton Pumping Station

Lat. _____

Lon. _____

County of Bedford

Rain Gauge, by _____

Observer E. J. Lovegrove EsqJ. A. Roscoe Esq C.E.
J. J. Cayley Esq C.E.
A. J. Evans Esq C.E.Sea - 2.

Diameter	5											
Height	10											
Altitude	344 T					343 R						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.81	1.94	.97	1.80	2.09	2.41	.94	2.53	.81	2.55	1.885	
February ....	.85	.02	1.49	3.58	2.07	1.27	.48	2.68	1.20	1.76	1.540	
March	2.75	1.59	1.15	.58	1.50	1.54	3.47	3.97	1.90	.51	1.896	
April	1.22	1.30	.75	.51	1.79	1.42	.55	1.73	1.37	2.44	1.308	
May	1.45	2.87	1.20	1.29	1.66	.50	.34	2.14	3.26	1.99	1.670	
June	1.67	1.18	2.52	.73	1.91	.41	1.99	3.57	1.72	1.30	1.700	
July	3.38	2.21	2.95	3.36	2.54	5.12	1.50	.34	1.19	1.54	2.413	
August	3.06	3.86	2.42	1.84	3.08	4.48	2.30	4.23	1.30	1.65	2.822	
September....	.54	.94	2.75	.83	2.18	.81	6.29	2.24	.42	2.60	1.960	
October	1.45	7.74	3.69	3.21	3.11	.55	3.73	.78	2.59	3.13	2.993	
November....	2.71	1.67	1.86	2.88	4.96	4.37	1.34	1.09	2.41	3.01	2.630	
December ....	.71	4.46	1.61	2.48	1.85	1.98	3.30	2.92	2.85	1.26	2.342	
TOTALS . . .	22.60	29.78	23.36	23.09	28.74	24.86	26.23	28.17	21.02	23.74	25.159	

11.32 12.36 12.59 8.56 13.16 12.74 12.97 12.25 9.26 11.52 11.573

620

N.W.

1890 St Marys Church 550 yards N

Engine House 23 ft high 150 ft E

RAINFALL AT Luton Pumping Station

Lat. Lon. County of Bedford
 Rain Gauge, by Observer A. J. L. Evans Esq. Ch.
Lea - 2. S. F. L. Fox Esq. C.E.

Diameter ..	5										
Height	10										
Altitude ..	343 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	3.24	.88	.57	2.47	2.76	1.04	3.99	1.07	1.54	.73	1.829
February ..	3.37	1.72	1.08	1.02	2.20	1.16	2.31	1.25	1.15	.37	1.663
March ....	.78	2.81	1.14	2.93	1.40	2.82	2.14	.93	3.06	3.42	2.144
April	1.38	2.52	.81	1.28	.97	1.85	.49	2.50	3.06	1.86	1.672
May	1.04	1.45	2.15	2.90	1.98	1.78	1.22	3.14	1.61	2.21	1.948
June	2.51	.91	3.06	5.92	.81	4.03	4.42	2.55	1.01	4.59	2.981
July	1.16	2.54	1.87	3.43	4.01	2.00	.28	1.78	3.15	3.31	2.353
August	2.69	1.61	3.82	3.59	2.36	3.09	1.00	1.80	2.63	2.36	2.405
September ..	.53	1.23	1.02	2.06	1.44	2.59	1.24	.49	1.37	2.35	1.432
October	2.31	1.92	1.65	6.39	1.07	1.42	4.70	4.18	2.23	5.09	3.096
November ..	1.89	1.09	1.54	1.99	1.48	2.58	4.35	2.10	.76	.89	1.867
December ..	2.97	3.52	1.19	1.83	2.03	.90	2.55	3.55	1.53	2.62	2.269
TOTALS ..	23.87	22.20	19.90	35.81	23.51	25.27	28.69	25.34	23.10	29.80	25.749

1900 St Mary Church 620 yards N.W.
 Chimney 60 ft high 129 ft N.E.
 1903 Station 1000 yard N.W.
 June
 1906 July, probably an inch too big.

Summer 9.31 10.26 12.73 19.18 11.57 15.34 8.65 12.26 12.83 16.68
 Totals.

RAINFALL at

Luton Pumping Station

County of Bedfordshire

Observer J. W. Tomlinson Esq. C.E.

River Basin Thames Lea 2

Sinker Rain Gauge, by NT3

Diameter ...	5											
Height	1.0											
Altitude ...	343 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	1.59	.80	2.00	2.41	.72	3.12	1.31	1.80	2.44	3.82	2.101	9.57
February ...	2.79	1.18	1.86	.75	1.94	3.04	3.55	.98	.95	3.76	2.110	9.54
March	1.13	1.72	2.96	1.57	3.82	1.24	5.06	1.85	.88	3.21	2.344	11.00
April	1.66	1.14	.08	2.41	.75	.87	.90	1.87	3.94	2.93	1.655	2.64
May	2.40	2.15	1.62	1.59	1.27	1.60	1.36	1.93	2.27	.49	1.668	6.05
June	1.85	1.96	2.94	1.37	1.87	.99	1.90	2.83	.74	1.14	1.729	6.31
July	1.85	.24	2.48	1.21	1.80	3.83	1.80	4.94	2.96	2.29	2.340	11.99
August	2.01	.62	4.81	1.05	1.10	2.24	1.79	6.40	1.09	2.69	2.380	11.97
September ..	.85	1.14	2.23	1.63	.99	1.93	1.34	1.86	5.72	1.33	1.902	10.25
October ...	2.23	2.40	1.58	3.89	2.29	1.90	3.60	4.70	1.67	1.06	2.562	11.03
November ..	3.06	2.36	2.17	2.21	2.11	2.22	3.23	.86	2.22	1.73	2.217	8.04
December ...	4.48	4.78	2.32	.70	5.81	4.74	2.77	.65	1.85	5.08	3.316	10.32
TOTALS ...	25.90	20.49	28.35	20.79	24.47	27.72	28.91	30.37	27.23	29.53	26.324	115.57

P.S. Boulding 20 ft high 70 ft NE
 1919 Chimney 180 ft .. 30 ft NE

Summer 10.62 7.25 14.16 9.26 7.78 11.46 9.09 19.53 16.72 10.87
 Totals.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Luton G. N.R.	3200 ft	NW	Luton	1900 ft	NW

RAINFALL at *Luton Pumping Station*

County of Bedfordshire

Observer J. W. Tomlinson Esq C.E.

River Basin Thames-Sea 2.

Borough Engineer (Luton)

Snowdon Rain Gauge, by N. & J.
1929 M.O.

Diameter ...											Wye Sta. No. 13-240219	Wye Sta. No. 13-240230
Height											N.G.R. T.L (52) 099208	N.G.R. T.L (52) 110212
Altitude ...											alt. 105m	alt. 103m
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Mean 1930.	TOTAL
January ...	2.21	1.99	2.11	1.51	2.67	1.47	2.89	2.71	3.49	1.20	3.24	25.19
February ...	.39	.21	2.41	3.44	.64	3.70	2.58	3.44	1.56	.65	0.83	19.85
March	1.50	.92	1.98	2.34	1.05	1.37	.08	2.02	1.45	.01	1.56	14.58
April	3.99	1.00	3.26	1.54	2.80	1.44	3.33	1.58	.92	1.62	2.46	23.91
May	1.78	1.16	1.07	1.46	4.9 ³	1.91	2.19	.65	1.24	1.50	2.49	20.43
June	2.09	.27	1.20	.59	2.09	.15	2.99	3.12	1.78	.90	0.56	15.74
July	3.59	.22	4.08	3.71	4.37	4.23	2.49	2.61	2.61	1.22	2.17	30.30
August .....	.99	.95	2.21	3.07	2.86	2.52	.74	4.49	2.62	.45	2.50	23.44
September...	2.07	1.68	2.44	2.32	2.83	2.77	1.80	4.50	.55	.17	4.12	25.25
October	1.39	.80	.86	4.44	4.24	3.83	2.27	2.39	3.90	3.94	1.08	28.94
November...	1.42	2.30	1.34	1.85	2.98	1.63	4.31	2.73	2.38	5.67	4.23	30.84
December...	2.03	1.80	2.62	2.13	3.80	1.58	.39	2.97	2.49	5.06	2.62	26.96
TOTALS...	23.45	13.30	25.58	28.40	34.9 ⁶	26.30	26.06	33.21	25.62	21.49	27.86	287.02

1920. Chimney Shaft - 180 ft high 66 ft - N E.

1929 Inspected 15/4/29 Lee Green Fil New site selected

1930. G. read 9 am in winter.

.. .. 10 summer.

Summer
Totals: 14.47 5.28 14.26 12.69 19.90 13.02 13.54 16.95 9.75 5.86 14.30

Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Maps

Reference No.

Date.	Lat. N.	Long. W	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	59° 52' 30"	0° 24'	Luton " L.N.E.R.	3 1/4 mi. 1/2 mile	SE. NNW	St. Mary's " " Luton	1/2 mi. 1/4 mile	SE. N.W.

RAINFALL at Luton (Pumping Station)County of BedfordshireObserver L. J. Tomlinson Esq. C.E.River Basin Thames - Lea - 2F. Oliver Esq. (1940)Type of Gauge N.S.D.Annual Average 25.8 in. based on 58 years obs. un-weighted. Period of average 1881-1915 Ref. Survey 955140/29

Diameter	5.										
Height	1.0.										
Altitude	343.							338			
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.45	1.39	1.69	1.85	.87	3.60	4.61	3.02	6.54	2.27	26.79
February	2.00	.32	2.29	.77	2.82	2.70	3.82	.55	.79	2.29	18.35
March	.09	1.68	2.53	2.32	.63	1.30	3.50	.32	1.99	2.86	17.22
April	3.86	2.44	1.13	1.60	5.91	1.33	3.14	.09	2.90	1.67	24.07
May	2.57	4.79	1.69	.69	2.44	.82	3.52	1.79	1.92	2.34	22.57
June	1.33	1.00	1.94	1.44	2.60	4.31	1.88	.47	2.32	.75	18.04
July	4.72	2.83	1.11	1.22	2.25	5.01	1.22	1.85	1.85	2.93	24.99
August	4.13	4.18	.67	1.91	1.69	.32	1.07	5.00	4.65	.05	23.67
September	2.30	2.17	2.34	1.75	4.05	3.35	2.18	1.69	1.48	1.13	22.39
October	.61	4.33	1.53	2.15	2.66	1.78	2.65	2.99	4.16	2.94	25.80
November	2.83	1.70	1.30	1.89	4.58	3.25	1.61	3.02	4.22	7.47	31.87
December	.89	.57	.50	4.88	2.97	2.24	3.18	3.52	1.47	1.55	21.77
TOTALS	26.78	27.34	19.72	22.47	33.47	30.01	32.38	24.31	33.79	28.25	27.53

20/10/36 1934 return found to be W.D. and amended accordingly.

1940 Trees 50' 20yds SSE. Bus Station 25' high 50 yds W.
Chimney 180' high 80 yds N.E. Building 60' high 80 yds N.E.

Summer 18.91 17.36 8.88 5.61 18.94 15.14 13.01 10.89 15.12 8.57
Totals.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931			Luton L.N.E.R.	2 mi.	N.N.W.	St. Mary's	1/4 mi.	N.W.

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

RAINFALL at Luton (Pumping Station) ^{S. Wks.} Station No. 1159 41County of Bedfordshire Observer L. Blair Esq.River Basin Thames - Lea - 2 The Borough EngineerType of Gauge M.O.Annual Average 25.8 in. based on 58 years obs. unweighted. Period of average 1881-1915 Ref. SFile No. 935.140/29

Diameter	5"	<i>Hyd</i>	<i>Sta. No.</i>	13-240280				<i>Hyd</i>	<i>Sta. No.</i>	13-240280	
Height	1' 0"	<i>NGR</i>	<i>TL (52)</i>	110242				1' 2"		1' 3"	
Altitude	338	<i>alt</i>	103m	41			100		320'	330'	<i>100m</i>
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.64	2.10	4.57	1.61	2.14	1.85	(150)	5.26	1.79	.95	2.437
February	2.13	.92	1.21	.92	1.42	2.32	(200)	.77	1.09	3.69	16.47
March	2.99	1.27	.58	(20)	.67	1.59	(520)	.84	.98	.48	14.20
April	1.23	1.17	.84	2.28	1.14	.81	(1.90)	1.49	1.56	1.83	14.25
May	2.02	3.22	2.09	.84	2.01	2.19	(120)	3.15	1.66	1.82	20.20
June	1.18	.28	2.09	1.37	1.95	2.34	(2.10)	2.86	.49	1.08	15.74
July	4.84	2.89	1.10	1.27	(2.10)	1.64	(180)	1.33	2.35	5.50	24.32
August	5.26	2.52	1.54	1.26	1.86	3.84	.00	2.71	1.74	3.10	23.82
September	.70	1.08	1.41	2.34	2.01	3.35	(1.60)	1.85	.37	3.09	17.80
October	1.23	3.69	1.99	3.53	2.23	1.79	(.30)	3.34	5.10	1.28	24.50
November	2.56	1.45	1.83	2.83	(1.20)	5.60	(1.20)	1.72	2.73	4.77	25.89
December	1.29	2.99	1.17	1.41	2.91	1.97	(3.00)	2.25	1.50	1.31	19.80
TOTALS	27.54	23.58	20.42	19.86	(21.53)	29.29	N.R.	27.54	21.36	28.90	241.96

1944 March estimated. 1000400424
 1945 July & Nov. adj. by ref. to nearby stns.

Summer 14.73 11.16 9.07 9.36 11.06 14.17 8.60 13.39 8.17 16.42
 Totals.

↑
 east of Dunstable

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.
1941 1949			Luton Luton Hoo	1 1/2 m 200 yds	N. N	Luton Cross Hyde	1 1/2 m 3/4 m	N. S.

