

METEOROLOGICAL OFFICE,

124109

Y157

RAINFALL 1961-1970 1800 -

Station WELBECK (ABBEY) No. _____
 County Notts (Old No. _____)
 Authority Duke of Portland Estates Grid Ref. Affric SK(43)5674
 File _____ TF _____ / MWR / m / a Altitude _____ ft.
 River Basin Trent R. Baske 5

	1961- 1800	1962- 1801	1963- 1802	1964- 1803	1965- 1804	1966- 1805	1967- 1806	1968- 1807	1969- 1808	1970- 1809	Means
January ...									0.69	0.70	4.44
February ...								1.50	0.80	1.98	
March ...							1.71	1.50	0.63	0.69	
April ...							0.68	1.28	3.31	2.09	
May ...							2.17	3.87	2.95	1.71	
June ...							1.85	2.49	1.30	1.40	
July ...							2.77	2.32	2.55	3.62	
August ...							2.75	2.45	1.00	5.37	
September ...							1.93	2.24	3.11	2.97	
October ...							1.64	1.70	2.53	0.58	
November ...							3.60	5.00	2.73	2.12	
December ...							3.88	1.20	2.45	1.96	
TOTAL ...							26.08	26.24	24.06	28.93	
Percentage ...											

AVERAGE ANNUAL RAINFALL

Actual Estimated from data for:-

1881-1915 _____ in. _____
 1916-1950 _____ in. _____
 _____ in. _____

Type and capacity of gauge

*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

Jan. 1967. Figures obtained by Prof. Gordon Manley from British Museum
 manuscripts 16282-887.

In 1960's 5" gauge + 4 ft above G.L.
 t. 1876

Earliest year with complete data (D : W : M)

*NOTES on years with incomplete or unsatisfactory data:-

Note: It was the general practice to visit the gauge after rain, not every morning. Hence a small evaporation loss.

MET.O.B RAINMASTER
RETROSPECTIVE DATA

124109

NOR: 6K(43) 564743

ALT 170 itm 52 metres. Date of record 3-8-78

*Each note to be dated. Continue notes overleaf if necessary.

METEOROLOGICAL OFFICE,

RAINFALL 1961-1970

1810—
Y151

Station WELBECK (ABBEY)

No. _____

County Notts

(Old No. _____)

Authority Duke of Portland Estates

Grid Ref. Hutton SK(43)5674

File

TF

MWR / m / a

Altitude _____ ft.

River Basin Trent
E. banks

Tributary _____

	1961 1910	1962 1811	1963 1812	1964 1813	1965 1814	1966 1815	1967 1816	1968 1817	1969 1818	1970 1819	Means
January ...	0.86	1.43	1.69	1.16	1.79	0.61	2.52	0.98	2.57	2.32	
February ...	1.69	1.35	2.93	2.73	0.75	1.83	0.49	1.46	0.86	2.48	
March ...	2.67	1.62	4.98	0.94	1.02	1.88	1.23	0.55	3.08	1.22	
April ...	1.64	1.26	1.22	1.42	2.94	1.74	3.57	0.34	5.75	2.01	
May ...	3.00	4.13	2.60	3.24	1.28	1.18	1.88	2.83	1.41	2.90	
June ...	0.47	1.00	2.13	1.60	2.20	1.85	1.27	3.27	0.94	2.82	
July ...	4.02	3.37	1.93	2.04	2.28	0.89	3.52	5.60	2.33	1.49	
August ...	3.59	0.93	2.67	0.93	1.71	2.89	2.94	4.05	0.67	0.68	
September ...	0.44	2.03	1.34	2.16	1.40	1.84	1.36	0.65	3.62	1.52	
October ...	1.61	2.82	4.35	5.05	3.32	1.69	3.61	1.25	1.18	1.76	
November ...	5.91	2.15	1.80	1.76	1.14	1.34	1.51	1.80	3.36	1.37	
December ...	2.85	2.04	1.26	1.48	2.76	2.15	2.63	3.05	0.66	2.93	
TOTAL ...	29.25	24.13	28.90	24.51	22.59	19.98	26.53	25.83	26.43	23.50	
Percentage ...						19.89					

AVERAGE ANNUAL RAINFALL

Actual Estimated from data for:-

1881-1915 in. _____
 1916-1950 in. _____
 _____ in. _____

Type and capacity of gauge _____

*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

Jan. 1967. Figures obtained by Prof. Gordon Manley from British Museum
manuscripts 16882-887.

Earliest year with complete data (D : W : M) _____

*NOTES on years with incomplete or unsatisfactory data:-

1815 looks a little low.

Note: It was the general practice to visit the gauge after rain, not every morning. Hence a small evaporation loss.

MET-O-S RAINMASTER
RETROSPECTIVE SITE REVIEW

124109

NGR: SK (43) 564743

*Each note to be dated. Continue notes overleaf if necessary.

ALT 170 It no. 52 metres. Date of review 3-8-78

124109

METEOROLOGICAL OFFICE,

RAINFALL 1820-1829

1820-

Station WELBECK (ABBEY)

No. 4326

County NOTTS

(Old No.)

Authority Duke of Portland Estates

Grid Ref. Afflow SK(43)5674

File TF / MWR / m / a

Altitude ft.

River Basin Trent

e. Banks

Tributary

	1820 1820	1821 1821	1822 1822	1823 1823	1824 1824	1825 1825	1826 1826	1827 1827	1828 1828	1829 1829	Means
January ...	2.24	1.22	1.43	1.94	0.47	1.10	0.82	1.51	2.69	1.36	
February ...	1.54	0.29	2.10	3.84	1.05	0.28	2.37	0.76	1.80	1.61	
March ...	0.67	2.66	1.74	0.89	1.93	1.85	0.90	3.07	1.60	0.62	
April ...	1.51	2.25	1.57	1.79	1.55	3.36	1.05	0.75	3.96	3.48	
May ...	3.47	1.64	2.14	1.51	0.83	2.44	0.58	1.35	1.71	0.30	
June ...	2.24	1.81	2.30	1.44	3.82	1.61	0.64	0.48	1.60	2.13	
July ...	1.79	0.96	5.55	3.37	0.96	0.31	1.29	0.90	11.01	3.36	
August ...	1.22	3.19	1.72	3.39	1.79	2.90	2.23	2.20	1.28	3.04	
September ...	0.51	3.35	0.78	1.73	3.34	1.88	4.89	2.22	1.90	4.18	
October ...	2.13	1.64	3.44	2.40	5.42	2.96	1.15	5.87	1.42	1.13	
November ...	1.26	3.41	2.33	1.82	2.86	2.51	1.42	1.96	1.69	2.36	
December ...	2.26	4.47	1.40	3.90	2.17	3.20	0.93	2.60	1.79	0.71	
TOTAL ...	20.84	26.89	26.50	28.02	26.19	24.40	18.27	23.67	32.45	24.28	
Percentage ...											

AVERAGE ANNUAL RAINFALL

Actual Estimated from data for:-

1881-1915 in.

1916-1950 in.

in.

Type and capacity of gauge

*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

Jan 1947. Figures obtained from Prof. Gordon Manley who got them from British Museum manuscript 16882-887.

Earliest year with complete data (D : W : M)-

*NOTES on years with incomplete or unsatisfactory data:-

1824 seems low

Note. It was the general practice to visit the gauge after rain, not every morning. Hence a small evaporation loss

MOTOB RAINMASTER
RETROSPECTIVE SITE REVIEW

124109

NOTE SK(43) 564743

A.U. 170 ft. 52 metres. Date of review 3-8-78

*Each note to be dated. Continue notes overleaf if necessary.

METEOROLOGICAL OFFICE,

RAINFALL 1830 —

Station WELBECK (ABBEY) No. Y336
 County Notts (Old No. _____)
 Authority Duke of Portland Estates Grid Ref. Alpha SK(43)5674
 _____ Altitude _____ ft.
 _____ River Basin Trent
 File _____ Tributary L. Derwent

TF _____ / MWR / m / a

	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	Means
January ...	1.92	2.83	0.88	0.80	3.96	2.10	1.85	4.08	0.85	0.93	
February ...	1.43	2.50	0.21	4.00	0.76	2.35	2.78	2.57	2.25	1.30	
March ...	0.28	1.50	1.01	1.73	0.90	2.00	3.35	0.93	1.90	1.84	
April ...	3.43	1.61	2.00	2.90	1.70	1.85	1.15	2.35	1.93	1.28	
May ...	4.10	1.70	2.70	0.65	0.95	2.10	0.50	1.03	2.74	0.81	
June ...	5.38	1.63	3.43	3.32	2.31	2.85	2.36	1.71	2.65	6.26	
July ...	3.88	1.52	1.43	2.17	6.73	0.59	2.76	1.83	1.55	6.02	
August ...	2.27	2.68	4.17	1.80	1.61	1.30	0.23	3.01	2.39	2.64	
September ...	4.05	3.04	0.33	1.46	1.50	2.52	1.60	1.80	2.54	3.90	
October ...	0.50	2.26	1.10	2.45	0.60	3.13	2.25	2.56	1.40	3.54	
November ...	2.44	2.32	2.84	1.20	1.26	1.91	4.00	2.06	3.04	4.71	
December ...	2.26	2.53	2.07	2.28	0.50	0.26	2.00	2.81	0.65	2.17	
TOTAL ...	31.94	26.12	22.17	24.76	22.78	22.96	24.83	26.74	23.89	35.40	
Percentage ...											

AVERAGE ANNUAL RAINFALL

Actual

Estimated from data for:-

1881-1915 in. _____
 1916-1950 in. _____
 in. _____

Type and capacity of gauge

*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

Jan 1967. Figures obtained from Professor Gordon Manley who got them from British Museum manuscript 16982-887, 1802-1852.

July 1932 * Original entry of 4.00" in pencil seems far too high.

D = 1936 + total is approximate. Includes snow, making may be a little too high.

Note:- It was evidently the general practice to visit the gauge after rain, not every morning. Hence a small evaporation loss.

Earliest year with complete data (D : W : M).

*NOTES on years with incomplete or unsatisfactory data:-

METEOROLOGICAL
RECORDS

124109

NGR: SK (43) 564 743

ALT: 170 ft = 52 metres. Date of review 3-8-78

*Each note to be dated. Continue notes overleaf if necessary.

Rainfall at Welbeck (Abbey)

40

Nottos.

W. Tillary

No return

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Trent, Lbank 5.

YEAR	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January	2.73	1.96	1.89	1.56	.75	.98	2.42	1.54	.82	1.95	1.660
February	2.41	1.38	.67	4.39	1.96	1.35	.32	1.11	2.75	.51	1.685
March	.04	.95	2.46	.54	2.27	1.25	1.22	.83	3.73	.14	1.373
April	.94	1.58	1.56	2.43	.16	1.46	5.41	.97	2.09	.95	3.09 1.969
May	3.45	1.97	2.57	4.05	.48	2.60	1.04	3.43	.88	1.83	2.230
June	.97	4.28	1.73	2.43	2.13	3.01	.86	1.88	5.93	1.05	2.427
July	2.63	2.71	2.47	1.79	2.24	3.36	3.55	.47	3.01	1.74	2.367
August	1.26	2.95	1.83	2.22	1.64	6.20	4.08	2.44	3.85	1.89	2.836
September	2.55	3.31	2.61	.37	2.34	1.83	1.82	1.21	3.84	3.19	2.307
October	1.08	4.03	1.22	3.68	1.65	2.25	3.80	1.38	4.86	3.66	2.761
November	5.40	2.80	3.94	3.13	2.46	1.19	.86	1.67	.75	1.16	2.336
December	.67	1.88	.72	.00	.24	2.83	.52	3.68	2.46	3.91	1.691
TOTALS	24.13	20.80	23.67	26.59	18.32	28.31	25.90	20.31	34.97	24.42	25.642

C C C C C C C C C C C

28.85 21.22

1845 given as 28.85 in W. Clays book but W. Tillary
says the above is correct1847 given as 21.22 in W. Clays book but W. Tillary
says 20.31 is correctMonthly values 1802 - 1839 read. per. Prof. Mawley 1867
and entered in earlier 10 yr books

T.S. Feb. 1967

MET. U.S. BUREAU OF RECD.
RETROSPECTIVE SITE REVIEW

124109

NOR: SK(43) 564743

ALT: 170 H = 52 mtr. Date of review 3-8-78

Rainfall at Welbeck Abbey

Mr. Tillary

Notes

This return

Diameter of Gauge, in. Height above Ground, ft. in. Above Mean Sea Level, ft.

Tomb. Bank - 5.

YEAR - -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -	1.68	2.11	3.11	1.80	2.14	.32	3.13	2.68	.26	.98	1.821
February - -	.84	.39	1.46	.56	.46	2.09	1.55	.66	.44	1.66	1.011
March - -	.23	2.27	.15	1.14	.17	1.14	.71	1.98	2.03	1.56	1.138
April - -	2.48	1.33	.07	1.31	.78	.69	2.55	2.36	2.84	3.41	1.782
May - -	.92	1.48	.81	1.76	2.68	1.92	3.24	1.03	1.68	.34	1.586
June - -	.96	2.14	3.32	2.83	1.76	2.44	2.05	1.82	2.22	2.74	2.253
July - -	4.24	3.28	1.68	2.74	2.93	4.41	2.13	2.08	1.58	.26	2.533
August - -	1.77	1.58	2.20	2.92	.94	.71	3.84	7.96	2.83	4.18	2.893
September -	1.41	1.62	3.68	2.82	.63	.44	3.88	2.74	1.94	2.91	2.207
October - -	1.82	1.39	3.07	3.07	1.16	6.08	2.64	1.44	3.13	3.59	2.730
November -	1.83	.38	6.21	1.34	2.41	1.04	1.63	1.40	.98	2.18	1.940
December -	.87	1.14	2.66	1.38	1.46	.53	1.73	.24	1.95	1.84	1.380
TOTALS -	19.05	19.41	28.42	23.67	17.52	21.81	29.08	26.39	21.88	25.65	23.288

1851 given as 19.36 in W. Clays book but Mr. Tillary says 19.41 is correct

1855 given as 21.63 in W. Clays book but Mr. Tillary states 21.81 to be correct

MET.O.B RAINMASTER
RETROSPECTIVE V.1

124109

NCR: SK (43) 564743

ALT: 170 It = 52 metres. Date of review 3-8-78.

124109

60

Welbeck Abbey

Notts.

notto.

Mr. Tillary

B 10 65, 66
3 64

5 in + ground 4 feet + Sea Level

Front. Libbank - 5.

YEAR --	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January --	3.62	.46	.87	2.32	1.03	2.03	1.03	1.88	1.54	2.32	1.710
February -	.69	2.11	.56	.38	1.32	1.89	2.39	1.25	1.92	1.51	1.382
March - -	1.94	3.03	3.68	.62	2.03	.69	1.31	2.40	1.11	2.23	1.904
April - - -	.84	1.56	1.42	.48	1.34	.95	1.32	3.04	1.31	1.25	1.351
May - - -	3.21	1.08	2.38	.53	4.18	3.21	.65	2.35	1.20	6.28	2.507
June - - -	3.11	4.81	1.74	2.88	1.33	1.08	3.40	2.25	.23	.38	2.121
July - - -	1.89	4.54	1.83	1.34	1.17	2.86	3.04	3.39	.19	.03	2.028
August - -	5.78	.86	1.95	2.53	1.89	3.74	3.24	3.31	3.40	1.90	2.860
September -	2.98	1.86	3.78	2.78	1.93	.58	3.03	2.10	2.22	4.36	2.642
October - -	1.86	1.16	3.14	2.85	2.94	4.86	2.84	2.02	2.49	1.26	2.532
November -	2.13	2.26	.98	2.21	2.21	2.21	2.07	.89	.92	1.61	1.749
December -	2.49	.43	.44	.62	1.23	.61	1.56	1.51	6.13	3.37	1.840
TOTALS -	30.57	24.46	22.77	19.55	22.60	24.57	26.60	26.39	22.66	26.50	24.636

+ C S + C C C C C

1868 The fall in August & Dec. was very nearly equal to that of all the other 10 months. The fall in Dec. caused serious floods in the whole of the Trent Valley.

1869 It has been doubted whether any frost occurred in August or September so severe as to injure vegetation but this year on the 31st of August Dahlias & Potatoes in exposed situations were quite blackened by the frost.

MET O & TAUNTON 1869
RETROSPECT

124109

NBR: SK(43) 564743

ALT: 170 ft. 52 minutes Date of review 3-8-78

124109

70

RAINFALL AT Worksop Welbeck Abbey

Lat..... Lon..... County of... Nottinghamshire

..... Rain Gauge, by..... Observer W.W. Tilley.....

Front, Bank 5.

Diameter	5			5 [#]							
Height	4		6	4							
Altitude	80		88								
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January	1.45	.98	3.05	2.93	1.48	2.62	1.75				
February	1.62	1.41	2.24	1.15	1.74	1.23	2.39				
March	2.20	.93	1.91	2.28	.97	.75	3.38				
April	.66	3.05	3.75	.63	2.12	.92	1.85				
May	.95	1.73	1.66	2.10	1.49	1.59	1.19				
June	1.89	3.71	3.20	1.53	.78	3.34	2.78				
July	1.60	3.21	5.60	2.02	1.84	3.86	.94				
August	1.13	.98	2.42	2.65	2.05	3.81	1.97				
September	1.21	+5.31	2.81	1.87	2.02	2.82	3.34				
October	+5.58	1.78	4.83	2.42	3.03	5.01	2.91				
November	1.81	-8.23	2.12	7.77	2.82	4.32	3.59				
December	2.48	1.57	3.57	.11	1.87	1.21	6.05				
TOTALS	21.58	25.48	38.25	22.41	22.21	31.48	32.14				

C C Y

MBT Q.B. RAINMASTER
RETROREFLECTIVE SITE REFL.

124109

NOM: SK(43) 564 743

ANT: 170 ft. msl 52 metres. Date of review: 3-8-78

RAINFALL AT Worksop Welbeck

80

Lat

Lam.

County of Notto

Rain Gauge, by

Observe

R. Carr

Trent, Lbank-5.

RAINFALL AT Worksop, Welbeck Gardens

Lat.

Long.

County of Nottingham

Rain Gauge, by

Observer J. Warner Tuneday

Trent, L. Bank - 5-

Diameter											
Height	4.0										
Altitude	196										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	1.16	.99	1.40	1.01	3.39	.72	1.92	.45	2.45		
February08	1.85	2.28	1.17	.10	.65	2.39	.72	1.80		
March	1.16	1.10	.26	.86	1.92	1.70	1.94	1.48	1.05		
April	1.79	.81	.35	1.59	2.05	.79	1.30	2.36	1.92		
May	3.36	2.58	1.89	1.64	.93	.48	.58	1.87	3.05		
June	4.15	3.24	.86	2.30	1.18	4.22	1.62	.61	1.89		
July	2.95	2.47	3.50	3.08	3.83	1.71	.75	1.24	1.39		
August	2.19	1.70	1.32	2.19	1.30	1.97	1.98	2.80	.57		
September	1.03	2.51	.86	.48	.85	5.56	1.69	.55	2.94		
October	4.14	3.73	1.21	3.61	2.99	1.58	.58	2.43	2.19		
November	2.36	1.00	1.58	1.82	2.59	1.60	2.26	2.67	1.43		
December	2.90	.45	1.98	.86	1.91	2.05	2.09	1.93	2.36		
TOTALS	27.67	22.53	17.49	20.61	23.05	26.03	19.11	19.12	23.34		

RAINFALL AT Worksop Welbeck Gardens

Lat.

Lon.

County of Notts

Rain Gauge, by

Observer J. Warner Turner Esq

Front, & back - 5.

Duke of Portland K.G.
H.M. Observatory

Diameter ..	5										
Height	10										
Altitude ..	196 + 200 196										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.08	1.39	.85	2.62	2.62	.71	6.73	.80	1.15	.30	2025
February ..	4.56	1.20	1.48	1.16	4.23	.89	2.22	2.18	1.37	.25	1954
March75	2.38	1.53	3.49	2.53	1.40	.80	1.12	2.00	.60	1659
April.....	.95	1.35	2.54	.72	1.33	2.06	.67	1.02	1.12	.85	1361
May	1.30	.91	2.98	2.99	2.45	.47	1.81	3.20	2.04	1.17	1932
June.....	3.09	1.61	1.40	1.59	.66	2.29	1.58	4.50	1.17	1.55	1934
July	1.90	3.95	3.87	2.17	2.57	2.98	.32	2.86	1.63	2.43	2468
August	4.48	1.42	3.13	4.91	3.56	2.35	1.27	2.31	2.24	1.31	2698
September..	1.58	1.00	1.20	1.55	1.36	1.60	.50	.30	1.39	1.63	1211
October....	2.79	1.06	2.36	5.35	.39	2.13	4.87	4.83	1.00	2.33	2711
November ..	1.83	3.20	1.78	1.68	1.01	3.77	3.48	.89	.75	.10	1849
December ..	3.13	4.94	1.91	1.12	1.40	1.12	2.05	2.35	1.08	3.25	2335
TOTALS ..	29.44	24.41	25.03	29.34	24.01	21.77	26.30	26.36	16.94	15.77	23.03

→ ↑ → ↑ → ↑ → ↑

?

Hulb

1901 Cuckney Church 2 1/2 miles S.W.

Wire fence 4 ft high 10 ft E

1905 Rennisterland 5 ft high 8 ft N

Name 8 .. 12 .. N

1908 Half pointed bad. Discarded in Notts Map

1909 - "

† Inspected

RAINFALL at Welbeck Abbey Gardens

County of Nottinghamshire Observer Mr J. Gibson

River Basin Trent-Left Bank Tributaries 5

Rain Gauge, by

1911 Holzmarkt-Bad

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Silvertown			Raknay	2 m	SW

RAINFALL at Welbeck Abbey, Nottingham

County of Nottinghamshire Observer Chas Harris Esq.

River Basin Trent- Left bank tributary Duke of Portland

(1930) Snowdonia Rain Gauge, by _____

Diameter ...							8			
Height							10			
Altitude ...							196.			
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
										MEANS.
January ...							1.50	4.14	1.71	4.24
February ...							1.79	2.11	.68	.48
March							2.57	2.39	.08	2.67
April.....							2.04	8.5	1.14	2.89
May							1.21	1.72	1.08	1.26
June							3.51	2.31	.92	3.95
July							2.33	.68	1.45	6.10
August							3.60	2.80	1.84	3.01
September...							5.13	.24	1.24	3.93
October.....							1.84	5.06	2.96	2.33
November...							2.26	2.87	5.10	2.79
December...							2.48	2.02	5.15	2.38
TOTALS...							30.26	27.19	23.35	36.03
							D	D	D	D

1930. Sedge 24 ft. high 27 ft. W.
Shed 10 " 8 " N.E.Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1927.	53° 4' N	1W.	W.H.T. Oxwells	2 1/2 m	NW.	Welbeck Woodhouse	1 m	W

RAINFALL at Welbeck Abbey

County of Nottinghamshire

Observer Mr. Chas. Harris

River Basin Trent Left Bank 5

Type of Gauge

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

Diameter	8											
Height	0.10			9						9"		
Altitude	196											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.94	1.59	1.79	1.95	1.72	3.83	3.96	2.01	4.91	2.69	2639	
February	2.32	5.0	4.32	1.92	2.71	2.36	2.99	1.97	1.16	2.14	2039	
March	1.30	1.22	2.45	2.71	1.79	1.73	2.24	1.26	1.98	1.77	1514.5	
April	3.51	2.30	1.95	2.55	2.18	1.61	2.06	1.14	1.52	1.88	1870	
May	2.67	6.95	2.32	1.06	6.1	1.23	3.45	2.30	1.18	.84	2281	
June	3.87	1.74	1.26	1.65	2.58	3.29	1.14	1.90	2.06	1.39	1991	
July	3.62	4.46	1.83	1.55	1.93	4.23	2.37	3.31	4.28	4.06	3074	
August	7.08	1.12	1.41	1.03	1.14	1.61	1.29	4.57	3.24	.39	2088	
September	3.71	1.84	1.25	1.04	3.06	1.94	1.36	1.80	1.04	.92	1796	
October	1.66	3.13	4.24	1.41	3.28	2.53	3.54	2.60	3.50	4.54	2943	
November	3.24	1.52	1.90	1.91	4.85	2.55	1.48	2.79	3.13	4.79	2816	
December	1.92	1.73	1.48	4.06	3.22	2.02	4.06	3.75	1.79	1.79	2282	
TOTALS	33.84	26.10	23.40	21.84	27.07	29.03	28.97	26.40	29.79	27.20	27364	
	D	D	D	D	D	D	D	D	D	D		

1431. Lodge 24' high 27'W. Shed 10' high S'NE.

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.			Whitwell	2m	N.N.W.	Holbeck	1.5m	W.

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

Station No. 2630

RAINFALL at Wollaston Abbey

41

County of Nottinghamshire Observer Mr G. Harris
 River Basin Trent - Left Bank 5 Duke of Portland (1943)
 Type of Gauge Glass

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

File No. 824184/28.

Diameter	8"			124	090					
Height	0' 10"				1' 2"		1' 0"			
Altitude	196'				41				126'	196
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950 Means
January	3.76	3.00	3.76	3.08	2.23	2.10	2.64	4.40	1.01	1.84 2682
February	2.93	1.07	.54	1.98	1.53	2.70	2.86	1.51	.82	4.62 2056
March	4.94	2.03	.74	.62	.98	1.14	4.82	.58	1.17	1.93 1795
April	1.53	.97	1.05	2.00	1.28	.99	2.20	1.41	2.00	1.87 1530
May	2.05	3.78	3.39	1.83	2.16	1.47	1.44	1.82	1.43	1.91 2128
June	.81	1.35	1.68	1.69	2.04	3.01	1.98	2.15	.82	1.26 1679
July	4.22	2.02	.89	1.71	2.10	2.21	1.70	.93	3.71	1.96 2145
August	2.42	2.80	2.10	3.59	2.80	5.06	.20	3.89	1.57	3.52 2825
September	.36	2.32	2.13	4.04	1.02	2.55	1.42	1.92	1.11	2.25 1912
October	3.30	2.12	1.81	3.14	3.89	1.51	.48	1.68	2.94	.83 2176
November	3.54	1.68	1.82	4.32	.52	5.53	1.38	1.03	3.20	4.19 2721
December	.66	1.73	.91	1.96	1.58	3.12	2.17	3.25	1.91	1.37 1864
TOTALS	30.82	24.87	20.88	29.96	22.13	31.39	23.29	24.57	21.69	25.53 26513

1941 Ridge 24' higher 27' W. below 10' higher 8' N.E.

1948 House 20' high 20' S.

1950 Ridge 20' high 18' N.W.

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.
1941			Whitwell	2 m.	N.N.W.	Holbeck	1½ m. W.

Station No..... 2630

51

RAINFALL at WILBECK ASHLEY

County of NOTTINGHAM

Observer THE DUKE OF PORTLAND

River Basin TINTERN - L. BANKS - 5

Type of Gauge G. DAWKIN

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

File No. 824184/28

Diameter ...	8"	124	090	5"	5"							
Height ...	1' 0"		1' 0"		9"							
Altitude ...	176 194		51	176 196	200							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	1.84	1.72	.57	1.25	2.36	3.69						
February ...	3.38	.27	1.95	2.45	2.71	1.19						
March ...	3.01	2.02	1.24	1.85	2.17	.69						
April95	.96	2.03	.32	.84	2.06						
May ...	3.18	1.92	1.75	2.86	3.33	.45						
June76	2.22	1.17	2.50	2.28	3.75						
July44	.80	1.88	1.72	1.46	3.44						
August ...	4.33	1.13	1.36	4.82	.24	7.12						
September ...	1.76	2.12	1.40	2.04	.63	2.17						
October78	3.13	1.63	2.93	1.92	1.63						
November ...	6.09	1.50	1.19	4.63	1.94	.87						
December ...	1.64	1.50	.87	2.31	2.19	3.81	#					
TOTALS ...	28.16	19.29	17.04	29.68	22.67	30.77						
	D	D	D	D	d	d						

1951 Lodge 2' at 18° N.W.

1954. Reply to query stated new gauge diameter as 8"

1955. S. moved 8.4.55. 1/2 mi. S.W. Garage + House 25' E. 32' S.E. Riding Sch. 40', 30yds N.

House 38', 40yds N.W. 2-story bldg. 40', 31yds W.

1957 May 9 moved 4 miles. SE. of Wilbeck to Carlton (SX4143) 594722. [85m. 26285]

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SX(43) 561747 221954

SX(43) 554742 221954

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1951			Whitbeck	1/2 m.	N.W.	Holbeck	1 m.	S.W.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		c1927	✓	✓	✓