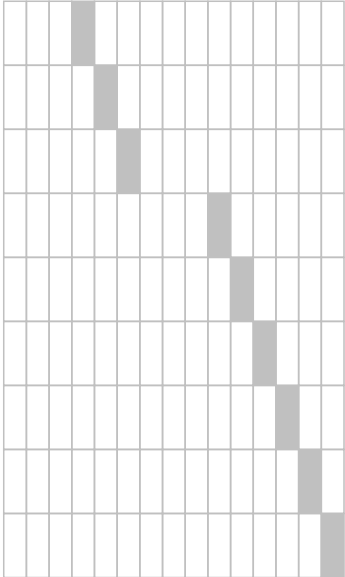


TYRain_1840-1849_D_pt2-page-174.jpg	Page 2
TYRain_1850-1859_F_pt1-page-020.jpg	Page 3
TYRain_1860-1869_03_pt3-page-028.jpg	Page 4
TYRain_1900-1909_23_pt1-page-045.jpg	Page 5
TYRain_1910-1919_21_pt1-page-206.jpg	Page 6
TYRain_1920-1930_24_pt1-page-172.jpg	Page 7
TYRain_1931-1940_20_pt1-page-205.jpg	Page 8
TYRain_1941-1950_23_pt1-page-124.jpg	Page 9
TYRain_1951-1960_22_pt1-page-242.jpg	Page 10



40

RAINFALL AT WhittingtonObserver.....P. C. Arthur & Henry LloydSalsp.
M.S. register

Rain { By.....

Gauge { Diameter.....in.

Height above Ground,.....ft.....in.

Above Mean Sea Level.....ft.

Seven - 14.

YEAR.....	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January.....			2.48	1.95	1.69	1.72	3.39	3.28	1.22	3.59	
February.....			1.63	1.97	2.86	.94	1.38	1.42	3.76	1.24	
March.....			4.02	.73	2.64	1.31	2.72	2.18	3.01	.79	
April.....			.19	2.75	.26	2.42	4.93	1.99	2.72	3.92	
May.....			1.98	3.80	.20	1.65	1.05	3.39	1.84	2.36	
June.....			2.97	2.90	.69	3.89	2.71	2.14	4.03	1.06	
July.....			2.67	1.74	2.84	4.02	2.39	1.35	3.30	3.00	
August.....			.49	3.52	2.60	4.14	5.45	1.28	7.40	1.96	
September.....			1.97	.87	3.16	2.88	1.86	1.74	3.17	3.76	
October.....			1.76	6.29	1.95	2.81	6.44	3.74	3.25	4.12	
November.....			5.75	4.55	2.44	2.71	1.42	1.53	1.99	2.18	
December.....			.85	.59	.66	4.34	1.17	6.39	3.76	3.63	
TOTALS.....			26.76	31.66	21.99	32.83	34.91	30.43	39.45	31.61	

1842 1st Frost 26° Oct. 5th1843 ^{Hay} Harvest finished June 29 1st F. 28th Sept. 32° snow on Oct. 19th

20° killed the vine leaves

44 Very dry time bad for Oats Barley Turnips hay & straw but good for fruit & wheat

55 1st F. Sept. 23rd & 26th 23° tender plants destroyed, Swallows 22 April6th of May Eclipse of Sun, cloudy, but seen occasionally46 June 28th Large Elm tree blown down. Avg Bar: only varied from 29.35 to 29.90 in the month Temp: only 6 times - 50° & on 20 days reached 70° or upwards on 1st 79° on 26th 39° grapes large and good ripened on the wall in August, In Nov. the cattle pool not frozen the streams that feed it are so strong.

47 Fine Hay & Corn Harvest.

48 Much rain & wind, harvest injured by rain, Cholera

49 More rain than average, but an abundant harvest & well got in Apples abundant Potato disease continued Cholera very destructive

Rainfall at

Whittington

50

Salop.

Rev G. H. Lloyd

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Season - 44.

YEAR - -	1850	1851										MEANS.
January - -	1.53	4.71										
February - -	1.96	.76										
March - - -	1.36	3.73										
April - - -	2.83	1.36										
May - - - -	2.62	1.48										
June - - - -	1.35	3.85										
July - - - -	2.16											
August - - -	2.24											
September -	2.27											
October - -	2.00											
November -	3.31											
December -	2.88											
TOTALS -	26.51											

1850 Thursday May the 30th a perfect storm of T & L all over England (except London) doing fearful & fatal damage. Max in shade 81° on 3rd July 80° on 2nd. Min 27° of March the next year, & lowrent trees injured by this frost were reproduced, of grapes some of the sweet water ripened.

1851 A very backward spring, very few trees in full leaf and some as bare as in winter at the beginning of May on 20th of May Silver birch into blossom Apple not in full leaf but Pear trees in lowrent foliage Oak in small leaf, Poplar & Acacia quite bare June 6th. Horse Chestnut in blossom, 21st June a violent E with large hail (some nearly as large as Walnuts) doing great damage about Manchester Oldham & Rochdale. In one Mill upwards of 1200 squares were broken, trees torn up or withered, walls blown down & fatal accidents from the E. The Oak is frequently struck as it contains much iron in its sap.

60

Whittington
w. Oswestry
H. S. Lloyd

Saltp.

+ Ground 5 feet + Sea level

Season - 18.

YEAR - -	1860	1861	1862	1863	1864						MEANS.
January - -	4.90	.54									
February - -	1.02	3.04									
March - - -	2.73	3.30									
April - - -	1.45	1.40									
May - - -	4.04	.06									
June - - -	6.51	2.18									
July - - -	1.88	4.57									
August - - -	4.59	1.70									
September -	1.37	3.00									
October - -	2.05	2.01									
November -	2.43	2.98									
December -	4.13	1.73	#								
TOTALS -	37.90	27.25									

✓ ✓

RAINFALL AT *Whittington (Newcastle WW)*

Lat.

Lon.

County of *Northumberland*

Rain Gauge, by

Observer *E. Smith Esq*
*A. Forster Esq C.E.**Coquet - S.*

Diameter ..						8					
Height						0 9					
Altitude ..						528					
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..				3.20	1.60	.63	2.51	.61	1.58	1.49	
February ..				2.39	1.86	1.03	.86	.98	1.71	2.36	
March				1.52	1.30	1.82	1.50	1.34	3.12	3.59	
April				1.14	2.32	3.57	1.40	2.43	2.00	2.67	
May				1.38	2.56	.79	3.36	3.39	2.21	1.66	
June				2.06	1.56	1.28	.76	3.05	.86	1.87	
July				3.42	1.69	1.65	2.18	2.04	3.07	2.44	
August				2.80	2.37	3.36	4.29	2.53	1.76	2.46	
September ..				4.27	1.25	1.76	.97	.69	2.67	1.76	
October				8.14	.69	2.25	4.47	6.86	2.86	2.30	
November ..				1.26	2.78	3.64	3.58	1.24	1.44	.68	
December ..				2.20	1.50	1.04	1.92	2.67	.87	3.27	
TOTALS ..				33.78	21.48	22.82	27.80	27.78	24.15	26.55	

10 3582

RAINFALL at Whittington Newcastle W.W.County of NorthumberlandObserver A. L. Foster Esq C.E.River Basin Coquet + C 5

Rain Gauge, by _____

Diameter ...	8										
Height	0 9										
Altitude ...	528										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1910-19 MEANS. Totals
January ...	2.07	1.53	2.06	3.19	2.15	2.53	2.19	3.28	3.03	3.50	12.00
February ...	2.56	1.64	2.24	.99	1.50	1.96	3.69	.95	1.47	1.64	7.75
March .....	.28	2.48	1.85	3.53	2.48	1.37	4.56	1.73	1.27	2.42	9.98
April	2.15	1.47	.20	2.54	1.13	.75	1.23	2.65	1.37	1.97	7.22
May	1.57	.70	2.25	1.90	1.40	1.76	3.87	2.88	1.67	1.15	9.57
June	1.32	3.89	4.12	1.57	2.66	.84	1.86	1.43	.53	.98	4.80
July	3.66	.82	2.11	1.36	2.39	2.94	2.93	.70	3.64	1.77	9.04
August	3.61	2.31	6.20	1.59	2.24	2.83	4.09	5.54	1.70	2.35	13.68
September ...	.64	2.84	2.40	3.50	1.60	2.01	1.73	2.16	5.04	1.81	10.74
October ...	2.21	3.72	2.87	3.23	2.58	1.17	3.88	2.52	2.71	4.30	13.41
November ...	2.72	3.20	1.67	1.98	4.19	1.30	4.30	1.65	1.06	4.72	11.73
December ...	1.97	2.95	2.51	1.33	4.73	5.17	3.00	1.69	4.07	2.59	11.35
TOTALS ...	24.76	27.55	30.48	26.71	29.05	24.63	37.33	27.18	27.56	29.20	121.27

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

Form B.R. H. 20.

3582

20

RAINFALL at Whittington Newcastle N.W.County of NorthumberlandObserver A. L. Fowler Esq. C.E. (decd)River Basin Coquet & C 5A Hardcastle CE (1921)

In Snowden Rain Gauge, by Casella 7311
reads in seam + tube off. 18.26.
measure correct

Diameter ...	8											
Height	0 9											
Altitude ...	528											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.	1920-30 Totals
January ...	3.26	4.85	3.25	1.45	2.16	2.10	2.00	1.80	3.40	1.92	2.95	29.14
February ...	1.68	1.10	2.67	3.85	1.85	3.05	2.83	.70	2.07	.86	1.78	20.44
March	2.84	1.58	1.53	1.29	1.06	2.29	1.84	2.35	2.40	.18	2.03	19.39
April	2.97	.90	2.24	1.86	1.05	2.83	1.01	1.92	.59	2.00	1.75	19.12
May	3.88	1.27	.71	1.70	5.05	2.91	2.45	1.79	1.00	.76	1.25	22.77
June	1.55	.66	1.63	.99	2.16	.18	5.45	3.89	4.36	1.62	1.07	23.56
July	3.20	1.65	4.05	2.05	5.06	1.62	3.71	4.40	1.98	3.83	6.00	37.55
August	3.02	6.85	1.95	4.38	2.61	3.81	2.66	5.68	3.65	2.92	5.50	43.03
September...	1.62	1.57	3.76	1.68	2.49	3.92	3.20	4.85	1.01	1.33	2.39	27.82
October	1.88	2.25	1.09	2.18	3.03	2.07	3.55	2.00	3.01	2.24	2.72	26.02
November...	1.47	2.00	.72	5.63	1.23	1.99	3.29	2.84	2.79	2.45	3.45	27.86
December...	4.32	2.62	3.75	2.31	2.40	4.53	.47	3.70	1.78	3.65	2.23	31.76
TOTALS...	31.69	26.30	27.35	29.37	29.15	31.30	32.46	35.92	28.04	23.76	33.12	328.46

Inspected 9.8.7.18.26. 8. in open fence 6 foot square on grass land.
Flat all round & open. Very good exposure.

Position of Station on reduced Ordnance Survey
 Map, 2 miles 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

METEOROLOGICAL OFFICE, AIR MINISTRY.

BRITISH RAINFALL ORGANIZATION, 62, CAMDEN SQUARE, LONDON, N.W.1.

(*1388) Wt. 1671-6044. 10,000. 4/21. J. T. & S., Ltd. 160.

A.M. Form 1356.

Air Ministry, Meteorological Office.

T.F. 3582

31

RAINFALL at Whittington (Newcastle W.W.)County of Northumberland Observer A. Hardecastle, Esq., C.E.River Basin Coquet & C. - S. Newcastle & Gateshead W. Co. (1938)

Type of Gauge

Annual Average R.B. 1 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. S

66060526

Diameter	8.											
Height	0.9.											
Altitude	528.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Totals	
January	1.75	1.22	1.30	1.79	2.65	3.19	2.60	1.79	4.38	1.57	2284	
February	1.57	.61	4.18	.26	3.15	2.17	3.17	1.01	1.44	1.82	1938	
March	1.33	2.19	1.00	3.68	.92	2.30	3.35	.67	3.36	3.22	2202	
April	2.66	1.83	1.44	3.45	2.92	1.47	2.11	.15	1.00	1.23	1826	
May	2.67	2.62	1.46	1.16	.74	1.55	2.58	2.43	1.27	1.23	1771	
June	4.33	1.45	2.03	2.56	2.13	2.46	1.53	3.34	2.22	.56	2261	
July	4.05	3.48	2.15	2.92	.75	3.00	2.50	2.46	2.54	7.07	3092	
August	5.60	2.27	1.67	3.17	2.48	2.15	2.59	2.44	2.30	1.19	2586	
September	1.10	3.53	1.29	1.68	2.91	3.53	2.83	1.51	1.41	1.76	2155	
October	1.23	4.10	3.20	3.37	4.90	2.17	2.11	4.08	5.80	2.73	3369	
November	2.65	1.13	2.96	2.84	3.40	2.77	.88	2.27	3.17	2.71	2478	
December	1.52	1.05	.90	3.97	1.67	1.88	4.58	2.64	1.25	2.26	2172	
TOTALS	30.46	25.48	23.58	30.85	28.62	29.24	30.83	24.79	30.14	27.35	28134	

1940 Jan. corrected for snow

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

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

A.M. Form 1603. **Air Ministry, Meteorological Office.**Station No. T.F. 3582RAINFALL at Whittington

41

County of Northumberland Observer Newcastle & Gateshead W.C.River Basin Coquet & C. - S.Type of Gauge Annual Average 22.1 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 660605/26

Diameter	8"		007	290								
Height	9"			1		1	0					
Altitude	528'			41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals	
January	2.92	2.84	2.60	1.19	(4.25)	1.60	1.30	1.67	1.54	1.99	27.90	
February	4.26	1.30	1.74	1.75	1.88	1.06	(2.94)	1.51	1.31	3.60	21.35	
March	3.02	.97	.81	.47	0.48	1.64	3.12	.87	.80	.74	12.92	
April	1.55	.87	1.31	1.64	1.87	.60	3.29	1.94	1.37	2.42	16.86	
May	2.08	.86	2.75	1.51	4.04	1.82	2.00	1.48	.86	1.56	18.96	
June	.33	1.15	1.96	2.73	2.53	1.69	3.66	3.34	1.07	1.56	20.02	
July	2.38	2.73	2.49	2.64	1.60	3.85	4.37	1.38	2.01	3.13	26.58	
August	3.35	2.53	3.91	2.27	1.24	3.72	.21	4.73	2.58	3.62	28.16	
September	.38	2.19	2.83	5.99	1.82	4.43	1.14	3.58	1.29	3.52	27.17	
October	3.55	3.15	3.14	2.71	3.17	.73	.79	1.77	2.92	1.28	23.21	
November	2.72	.44	2.04	6.01	.69	3.92	2.95	1.80	2.64	4.02	27.23	
December	.56	2.13	1.08	1.80	1.25	1.67	2.70	1.74	3.45	2.02	18.40	
TOTALS	27.10 M	21.16 M	26.66 M	30.71 M	24.82 M	26.73 M	28.47 M	31.81 M	21.84 M	29.46 M	268.76	10

1945 Jan part obs. for month.
1947 Feb est.

40004

20004

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

A.M. Form 1903. **Air Ministry, Meteorological Office.**Station No. 3582 ^{71° 50'}RAINFALL at Whittington

51

County of NorthumberlandObserver Newcastle Gateshead W. Co.River Basin Coquet & C-5

Type of Gauge.....

Annual Average 28.1 in. based on 25 years obs. in-weighted. Period of average 1881-1915 Ref. S28.57 " " 35 " " 1916-1950File No. 660.605/26 ^P

Diameter ...	8"			007 290							
Height ...	1' 0"			1							
Altitude ...	528'			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals
January ...	1.85	2.33	.93	2.18	2.06	2.66	1.55	1.33	1.38	4.00	20.27
February ...	1.93	.22	1.33	1.49	(2.20)	2.14	2.02	2.69	.63	2.40	17.05
March ...	2.66	1.37	.32	.77	1.48	.98	1.60	2.29	.62	2.10	14.19
April ...	1.87	1.50	2.31	.57	.97	.83	1.14	1.44	1.85	1.20	13.68
May ...	2.75	1.49	1.63	3.63	1.47	.56	1.48	3.22	.26	1.77	18.26
June ...	1.06	1.76	1.63	1.93	1.87	4.29	1.32	3.05	1.67	0.52	19.10
July ...	1.65	2.05	2.10	2.58	1.40	2.13	3.67	4.45	2.45	3.76	26.24
August ...	4.80	2.30	4.10	4.38	.84	7.22	4.00	3.36	.29	3.60	34.89
September ...	1.30	2.82	2.76	4.13	1.29	2.54	3.40	2.86	.79	1.68	23.57
October ...	.85	2.47	1.04	5.02	1.29	2.07	2.25	1.64	2.06	5.42	24.11
November ...	6.86	2.88	1.54	2.52	.98	.81	1.55	.84	3.57	3.50	25.05
December ...	1.78	2.47	1.32	2.48	3.40	1.69	1.76	3.20	3.94	2.58	24.62
TOTALS ...	29.36	23.66	21.01	31.68	19.25	27.92	25.74	30.37	19.51	32.53	261.03
	M	M			M	M	M	M	M	M	

1955 Feb. (Mar). part est. M.O. 3b.

20004

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference NY 45 003703

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-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
C 1903	✓	✓	✓	✓	
			but - 31-37		