

RAINFALL at Tynemouth Load Shed StationCounty of Northumberland Observer Meteorological OfficeRiver Basin Tyne Lower 3

Rain Gauge, by \_\_\_\_\_

Diameter ...											
Height .....											
Altitude ...					72						
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...						2.26	.79	2.32	2.13	2.63	
February ...						2.58	2.28	.74	.87	1.84	
March .....						1.82	2.65	1.81	.70	1.62	
April .....						.53	1.21	2.21	1.10	1.20	
May .....						1.69	1.92	1.73	1.97	.69	
June .....						.35	2.29	.87	.59	.69	
July .....					<sup>#</sup> 3.94	2.14	3.08	1.03	3.39	.96	
August .....					2.05	2.03	2.18	5.43	.95	1.81	
September ..					1.87	1.48	1.24	1.22	4.53	.94	
October ...					1.36	1.57	2.30	2.40	1.97	4.18	
November ..					2.40	1.90	2.89	1.07	.74	3.92	
December...					2.90	5.24	3.34	1.85	2.87	2.80	
TOTALS ...						23.59	26.20	22.68	21.81	23.06	

Totals

16.17

7.87

5.73

6.78

5.72

6.29

4.44

8.46

10.37

7.93

10.85

8.42

10.89

93.75

4.44

N.B. Annual values rejected from Survey week, 1929.

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

RAINFALL at Gyemouth Coastguard Station (Old Gauge)County of NorthumberlandObserver Meteorological OfficeRiver Basin Tyne - Lower B

Rain Gauge, by \_\_\_\_\_

Diameter ...	8										
Height .....	1 0										
Altitude ...	118			68 <del>77</del>			67				
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	2.46	3.54	2.22	1.24	1.67	1.47	1.81				
February ...	.73	.18	2.09	3.12	1.16	2.55	2.10				
March .....	2.55	.71	1.41	1.53	.85	1.65	.94				
April .....	2.79	.93	1.41	1.83	1.24	2.28	.96				
May .....	3.18	1.42	1.05	1.98	5.94	2.50	1.87				
June .....	.68	.64	1.32	.88	2.83	.13	3.10				
July .....	3.83	1.46	4.25	2.09	3.97	2.06	5.30				
August .....	2.22	5.16	2.31	3.76	2.70	2.95	1.82				
September...	1.28	.88	3.82	1.28	2.54	2.94	2.11				
October .....	1.91	1.80	1.22	1.52	3.26	1.55	2.10				
November...	1.14	2.29	.73	3.50	1.13	2.11	3.37				
December...	3.15	1.52	3.39	1.93	1.97	3.77	.69				
TOTALS...	25.92 <del>25</del>	20.83 <del>20</del>	25.22 <del>25</del>	24.66 <del>24</del>	29.26 <del>29</del>	25.96 <del>25</del>	26.17 <del>26</del>	#	see next sheet		

Rain gauge moved 28.9.23 &amp; height of site now 67 ft (f. 565042/25)

N.B. annual values reported from Survey Map. 1929.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	55° 1'	1° 26'						

RAINFALL at Lynmouth Coast Station (New Gauge)

County of Northumberland Observer Meteorological Office

River Basin Yano - Lower 3

Rain Gauge, by \_\_\_\_\_

Diameter ...							8				
Height .....							10				
Altitude ...							67				
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.
January ...							2.01	1.42	2.71	2.96	2.94
February ...							2.30	.80	1.22	1.20	1.20
March .....							1.00	1.39	2.11	.48	1.81
April .....							.97	1.77	1.28	1.39	1.69
May .....							2.00	1.69	1.37	.60	1.44
June .....							3.21	3.94	3.81	1.58	1.49
July .....							5.50	4.19	1.65	2.52	4.00
August .....							2.03	4.85	3.35	3.04	3.69
September...							2.15	3.55	1.15	.98	2.91
October .....							2.46	2.00	2.71	2.34	1.89
November...							3.72	3.63	2.42	2.94	3.55
December... See previous sheet.							.72	4.66	1.39	2.76	2.54
TOTALS...							28.07 D	33.94 D	25.17 D	22.79 D	29.15

N. 13. annual values 1936 rejected from Survey Map. 1939

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

Reference No.

[illegible]



RAINFALL at Tynemouth (C.G. Stn.) <sup>Castle 1932</sup> ~~new site~~ <sup>m.w.R.</sup>County of NorthumberlandObserver The Meteorological Office,River Basin Tyne-Lower-3.2d Chief office (MO)

Type of Gauge .....

Annual Average 8.1 in. based on 35 years obs. un-weighted. Period of average 1851-1915 Ref. S(Av. 24.47 seems applicable to Castle <sup>rainfall until in Apr. until new average</sup> ~~rainfall until in Apr. until new average~~)

Diameter	8.											
Height	1.0.											
Altitude	67.		108									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	2.28	.58	1.70	1.61	2.62	2.81	2.31	2.19	4.21	1.65		2296
February	1.36	1.12	2.21	.59	2.15	2.53	2.88	.84	.83	1.85		1636
March	1.42	2.83	1.06	2.65	.74	2.04	3.56	.22	2.32	2.27		1911
April	3.08	1.44	1.16	4.33	2.77	1.01	2.59	.23	.76	1.22		1859
May	2.59	4.17	1.18	1.08	1.15	1.75	3.33	3.28	1.09	1.14		2076
June	2.88	.94	2.07	1.88	2.46	2.90	2.12	2.74	1.80	.89		2068
July	4.73	2.48	2.15	2.43	.49	3.17	3.59	2.65	2.81	6.87		3137
August	4.35	2.43	1.57	2.96	1.69	2.83	1.28	1.23	2.44	1.28		2281
September	3.19	1.86	1.75	1.27	3.49	2.68	1.23	1.67	1.48	1.91		2053
October	1.28	3.46	3.81	3.72	4.19	1.44	2.05	3.53	5.66	3.02		3216
November	2.35	.86	4.41	2.83	3.20	2.78	1.51	1.95	2.81	3.69		2639
December	1.37	.67	1.48	3.44	2.05	1.27	5.34	3.28	1.70	2.84		2334
TOTALS	30.88	22.74	24.55	28.79	27.00	28.21	31.89	24.46	27.91	28.63		27506
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		

Moved to new site at Tynemouth Castle 20/6/32 when height became 108 ft.

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	Direction

Station No. W.R.3568RAINFALL at Jynemouth (R.F. Sta.)

41

County of Northumberland Observer The Chief Officer (M.O.)River Basin Jyne Lower 3

Type of Gauge.....

Annual Average 24.5 in. based on ..... years obs. un-weighted. Period of average 1881-1915 Ref. S*Average to be used with new average can*

File No. ....

Diameter	8	5	for some years 28.10/57	008	646						
Height	1' 0"						1				
Altitude	103						41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Total
January	3.36	3.04	2.41	.61	5.09	1.20	1.35	6.69	.48	1.64	2587
February	6.09	1.06	.59	1.76	1.50	.44	2.48	1.25	.46	3.12	1875
March	2.47	.58	.71	.80	30	1.02	3.92	.47	1.16	.56	1199
April	.69	.81	.65	2.44	1.56	1.35	2.27	1.20	1.40	1.70	1407
May	1.48	1.12	2.62	1.75	3.07	1.41	2.06	1.48	.71	1.42	1712
June	.74	1.22	1.72	1.94	1.69	1.90	2.01	2.34	.97	1.25	1578
July	1.21	2.57	1.50	3.98	2.24	3.27	3.44	1.61	1.45	3.24	2454
August	2.62	2.28	4.10	1.85	3.88	3.09	.15	2.71	1.58	5.13	2939
September	.72	2.63	3.03	6.08	1.81	3.06	1.49	2.47	1.07	2.74	2510
October	3.61	2.27	2.10	2.02	2.86	.85	.31	1.65	2.41	1.00	1908
November	2.98	.87	2.27	5.11	.87	3.34	2.28	1.43	2.38	4.70	2623
December	.28	1.88	1.22	1.27	1.41	2.85	1.45	1.72	2.19	2.43	1670
TOTALS	26.25 D	20.33 D	22.92 D	29.61 D	26.28 D	23.78 D	23.21 D	27.02 D	16.26 D	28.96 D	24462

from 26/5/50. Sals.

10

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

RAINFALL at Tynemouth (C. & G. Station) Station No. 3568 51  
 County of Northumberland Observer The Station Officer for M.O.  
 River Basin Tyne - Lower 3  
 Type of Gauge No. 552 of S.I. on trip last

Annual Average 24.5 in. based on 24 years obs. un-weighted. Period of average 1951-1915 Ref. Survey  
26.56 " " 24 " " 1913-1956 1916-1950 P

File No.

Diameter ...	5"									5"	
Height ...	1'0"									1'0"	
Altitude ...	108'						95'			95'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
January ...	1.65	1.97	1.11	2.87	2.09	3.47	1.53	1.75	2.47	1.58	23.79
February ...	1.99	.68	1.21	2.22	2.29	1.92	1.88	3.28	.47	1.98	17.92
March ...	3.64	1.41	.03	.87	2.05	.55	1.20	3.32	.60	1.32	14.99
April ...	1.56	1.63	2.17	.35	1.05	1.07	.50	1.99	1.46	0.65	12.43
May ...	3.20	2.00	2.50	2.71	1.33	.37	1.54	2.64	.45	1.91	18.65
June ...	1.75	2.33	1.69	2.07	2.34	2.18	1.99	2.06	2.31	0.63	19.35
July ...	1.27	.63	2.33	1.39	.77	2.85	2.71	2.89	1.86	3.30	20.00
August ...	4.35	2.10	5.09	4.62	.95	6.25	3.45	3.65	.78	3.52	34.79
September ...	.87	3.08	1.04	2.45	.84	2.23	3.52	2.04	.73	2.19	18.99
October ...	.90	1.88	1.15	4.02	1.95	1.76	1.65	.92	1.48	5.47	21.18
November ...	4.88	4.16	1.13	3.23	1.16	.92	1.08	.80	3.00	2.57	22.93
December ...	2.21	3.19	.80	1.76	3.15	2.06	1.61	3.16	3.22	1.68	22.84
TOTALS ...	28.27	25.06	22.25	23.56	19.97	25.96	22.66	28.50	18.83	29.80	247.86
	D	D	D	D	D	D	D	D	D	D	10

Amplified Mr. G. G. Watt 5.6.51 No change in when surroundings since last inspection (6/50)  
 3' high 3" from gauge to B. large drain to SSE. Tunnel road 4' x 5' 6"  
 1954 Amp 2.654 Mr. D. Chantry. Personally new gauge. Site satisfactory  
 1955 Amp 2.654 Mr. D. Chantry. Gauge site satisfactory. 4' in wall and 15' in ground 9" rising + fairly overhauled in  
 1956 Amp 2.654 Mr. D. Chantry. Gauge site satisfactory. 4' in wall and 15' in ground 9" rising + fairly overhauled in  
 1957 Amp 2.654 Mr. D. Chantry. Gauge site satisfactory. 4' in wall and 15' in ground 9" rising + fairly overhauled in  
 1958 Amp 2.654 Mr. D. Chantry. Gauge site satisfactory. 4' in wall and 15' in ground 9" rising + fairly overhauled in  
 1959 Amp 2.654 Mr. D. Chantry. Gauge site satisfactory. 4' in wall and 15' in ground 9" rising + fairly overhauled in  
 1960 Amp 2.654 Mr. D. Chantry. Gauge site satisfactory. 4' in wall and 15' in ground 9" rising + fairly overhauled in  
 No June 1956. G. sand. Site is said to be unsuitable but nothing is nearer than this 2:1  
 Ins 7.6.57 R. Rudling. G. sand. Site is said to be unsuitable but nothing is nearer than this 2:1  
 Ins 12.9.57 R. Rudling. G. sand. Site is said to be unsuitable but nothing is nearer than this 2:1  
 20p 5/7/6 K.B. O'Kane new + gauge satisfactory improved.

374694

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 45 474694

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 up 1914 ✓ but - 15-18	✓	✓	✓	
		✓	✓	✓	