

Detailed Monitoring Results for Chideock from our Nitrogen Dioxide Diffusion Tube Survey - 2017

Note: Results are given in microgrammes per metre cubed of air ( $\mu\text{g}/\text{m}^3$ ) and the annual objective concentration to be met for nitrogen dioxide is  $40 \mu\text{g}/\text{m}^3$ . Diffusion tubes have been sited at worst case locations (roadside/kerbside) or at facades of houses facing a road to check whether the objective is being exceeded where people could be exposed over a year. See bias adjusted annual averages for final accurate results. South side of the A35 = (S) North side of the A35 = (N)

Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual Average	Bias Adjusted Annual Average
Duck St (724) (S)	45.7	44.8	41.2	45.2	49.1	52.2	42.7	55.8		EVERY	MONTH	7	40	
George Pub (725) (S)	33.0	25.2	25.5	27.3	25.0	23.7	20.7	25.9						
Village Hall (726) (S)	46.6	39.6	48.0	40.8	46.8	51.0	41.5	50.0						
Whitcroft (727) (S)	24.5	19.5	57.0	80.2	65.2	72.8	63.9	78.4						
Post Office (735) (S)	18.8	14.7	13.1	12.5	10.5	11.0								
Post Office (736) (S)	17.9	13.5	12.7	13.0	11.5	10.3								
Post Office (737) (S)	17.5	13.5	11.2	11.2	11.1	10.6								
Real Time Monitor (S)														
Hope Cottage (722) (N)	59.7	47.4		20.4	21.6	20.2	16.3	20.9						
Greenhill (738) (S)	25.1	20.7	19.5	17.3	21.5	16.1	10.9	16.9						
Warren House (728) (N)	27.6	25.6	28.0	33.0	30.3	27.9	23.2	27.6						

DATA NOT BIAS ADJUSTED

EXCEEDED 60 FOR LAST 5 MONTHS  
 } LOOKS LIKE TO EXCEEDS  
 } REMOVED THESE AND CHECKING !!  
 } CHECKS DIFFUSERS ARE ACCURATE  
 } SHOWS PROBLEM WITH DIFFUSER

NOTE: 727 AND 722 SHOULD BE SWAPPED AS NOT CONSISTENT WITH CORRECT AND PREVIOUS READINGS  
 LIKELY THAT 724, 726 AND 727 WILL AGAIN GIVE ANNUAL AVERAGES EXCEEDING 40 AND 727 EXCEEDING 60