

AIR QUALITY UPDATE SUMMARY

WHO Limits

Annual average (ug/m<sup>3</sup>)

24hr mean(NO2 - 1hr) (ug/m<sup>3</sup>)

Date	Time	Location	Traffic flow	Weather	NO2 Range	Average NO2 ug./m <sup>3</sup>	PM10 Range	Average PM10 ug./m <sup>3</sup>	PM2.5 Range	Average PM2.5 ug./m <sup>3</sup>	School term
Aug.1st	800-900	ROB	N/S	Bright/dry	0-6	1.4	13-36	22	2.5-9.5	4.8	Hols
Aug.2nd	746-850	Little Court -Hamburger	Light	Bright/dry	2-20	13-50	8-48	2.5-37	2.5-37	4.8	Hols
Aug.4th	745-850	Little Court -Hamburger	Light	Bright/dry	4-18	8-48	8-20	2-32.5	2-32.5	4.8	Hols
Aug.7th	748-844	Little Court -Hamburger	moderate	darkcloud/light rain	6-24	8-20	8-20	2-3.5	2-3.5	4.8	Hols
Aug.11th	800-900	Christleton H.S. Entrance	17/31 (E/W)	Heavy cloud/cold	6-12	7.1	5-14	8.9	1.5-10.5	5	Hols
Aug.15th	1453-1609	High School-Hamburger-Little Court	Busy no tailbacks	Fine/dry	14-48	13-79	13-79	4-69	4-69	5	Hols
Aug.17th	1410-1453	AS1	Continuous	Fine/dry	2-24	27-46	27-46	14-39	14-39	5	Hols
Aug.21st	1510-1611	High School-Hamburger-Little Court	Busy but steady	Overcast/showers	2-14	11-28	11-28	5.5-15	5.5-15	1.4	Hols
Aug.28th	1356-1429	Boughton monitor - Bill Smith	Light and fast	Overcast/gentle breeze	10-18	13.7	2-14	6.6	1-3	1.4	Hols
Aug.29th	1452-1600	High School-Hamburger-Little Court	heavy/tailbacks	Fine, stiff breeze	4-18	12-42	6-35	3-64	3-64	31	Hols
Aug.30th	1617-1713	ROB	252/172	Cloudy/little breeze	8-74	33.2	12-85	48.5	3-64	31	Hols
Sep.4th	754-901	ROB	315/222	Bright/dry	14-41	34.6	12-38	31	2-11	7.2	Term
Sep.4th	1403-1501	ROB	248/153	Fine/windy	14-30	24.1	15-27	22	4.5-13.5	9	Term
Sep.6th	1352-1501	ROB	166/111	Fine/windy	4-10	7	18-30	25.3	4.5-11.5	8.6	Term
Sep.12th	750-909	ROB	305/267	Overcast/dry	6-16	12.3	17-40	27.5	5.5-27.5	11.5	Term
Sep.25th	0958-1100	ROB	109/81	Overcast/dry, little wind	16-26	21.6	11-22	17.7	2-8	4.8	Term
Sep.26th	1454-1602	ROB	220/181	Overcast/shower	6-18	15.3	12-35	24.3	4.5-8.5	5.7	Term
Oct.8th	958-1100	ROB	109/88	Overcast/rain	16-32	26.4	29-49	40.3	6-10	8.3	Term
Oct.9th	1626-1800	ROB	208/209	Sunny/cloud	10-32	25.5	12-38	33.9	3.5-15.5	10.4	Term
Oct.17th	1458-1600	ROB	209/149	Fine and modest breeze	0-20	4.9	8-18	11.1	3-11	5.8	Term
Oct.23rd	0954-1055	ROB	105/81	Cold & Sunny, modest breeze	2-20	7.9	15-20	17.8	7.5-16.5	14.0	Term
Oct.24th	1456-1600	ROB	227/171	Mild & Bright, little wind	12-24	21.0	15-22	19.0	3-5	3.9	Term
Oct.31st	1456-1600	ROB	96/91	Overcast, cold, little breeze	0-10	2.8	20-39	30.1	11.5-23	18.0	Half Term
Nov.3rd	1259-1401	ROB	151/181	Blue sky, sunny, little breeze	6-16	13.6	14-21	18.3	3-4.5	3.7	Sunday
Nov.8th	1525-1740	Christleton to AS1 and return		Overcast, light drizzle at times	0-10	0-30	0-30	0-40	0-40		
Nov.24th	1155-1255	ROB	166/124	Cold, heavy atmos., no wind	4-16	8.3	29-51	40.8	16-25.5	21.9	Sunday