8월 2일 굴뚝별 트랜드

					08-02 00:00	08-02 00:30	08-02 01:00	08-02 01:30	08-02 02:00	08-02 02:30	08-02 03:00	08-02 03:30	08-02 04:00	08-02 04:30	08-02 05:00	08-02 05:30	08-02 06:00	08-02 06:30	08-02 07:00	08-02 07:30
TSP	20	mg/Sm³	12	1	0.63	0.49	0.52	0.49	0.53	0.49	0.55	0.48	0.64	0.53	0.48	0.50	0.56	0.51	0.55	0.49
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	31.37	22.17	18.74	27.39	23.44	24.23	16.56	21.00	26.68	13.82	18.23	18.30	16.29	22.11	24.12	26.49
HCl	15	ppm	12	1	2.98	2.53	2.75	2.66	3.23	2.46	2.46	1.72	3.05	2.49	1.93	2.07	2.35	2.50	2.93	3.28
CO	50	ppm	12	1	0.29	0.26	0.29	0.29	0.41	0.41	0.56	0.30	0.41	0.49	0.27	0.21	0.42	0.25	0.34	0.24
O_2		%	0	0.1	9.34	6.37	7.39	6.29	7.40	6.68	8.14	6.90	9.11	7.17	5.64	6.75	8.56	6.87	7.69	5.77
FL1		Sm³	12	10	12,045	14,926	13,819	15,200	13,869	14,737	12,806	14,130	12,146	14,350	15,837	14,303	12,370	14,512	14,117	16,911
TMP		℃	0	1	173.43	173.79	173.92	173.58	174.26	173.60	173.24	171.98	172.00	173.52	173.64	173.69	172.74	171.96	174.27	176.05
TM1		℃	0	1	1,050.58	1,078.71	1,018.13	1,060.87	1,024.47	1,036.89	1,002.09	1,026.15	1,037.33	994.51	1,060.61	1,031.54	996.80	1,028.73	1,002.95	1,085.13
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					08-02 08:00	08-02 08:30	08-02 09:00	08-02 09:30	08-02 10:00	08-02 10:30	08-02 11:00	08-02 11:30	08-02 12:00	08-02 12:30	08-02 13:00	08-02 13:30	08-02 14:00	08-02 14:30	08-02 15:00	08-02 15:30
TSP	20	mg/Sm³	12	1	0.72	0.56	0.46	0.41	0.42	0.41	0.38	1.73	0.36	0.36	0.36	0.36	0.36	0.35	0.37	0.45
SOx	30	ppm	12	1	2.11	0.00	0.57	0.00	0.00	23.99	18.42	0.55	0.37	0.31	0.44	0.50	0.47	0.00	0.23	0.00
NOx	70	ppm	12	1	34.64	27.06	29.33	0.00	0.00	54.61	40.86	0.00	0.25	0.06	0.00	0.00	8.61	52.62	41.09	23.71
HCl	15	ppm	12	1	7.40	3.55	3.22	0.81	0.52	13.86	11.09	0.43	0.27	0.19	0.20	0.20	0.31	4.17	6.24	3.00
CO	50	ppm	12	1	0.46	0.39	0.22	0.00	0.00	67.15	50.67	0.00	0.00	0.01	0.02	0.02	0.09	0.58	0.94	0.52
O_2		%	0	0.1	9.58	7.53	8.30	20.93	15.19	5.04	9.82	21.13	21.13	20.95	20.90	20.90	18.61	6.62	6.02	6.43
FL1		Sm³	12	10	11,468	14,921	17,434	19,443	19,397	18,368	17,589	19,409	18,091	18,622	18,643	17,480	17,281	18,618	18,114	14,220
TMP		℃	0	1	178.02	177.92	177.03	177.53	176.92	177.79	177.40	175.91	177.43	178.01	176.56	176.88	175.79	175.13	177.31	176.63
TM1		℃	0	1	1,080.58	1,026.03	1,076.95	1,069.03	1,036.11	1,091.84	1,051.00	1,044.07	1,080.69	1,075.69	1,051.11	1,074.74	1,061.09	1,087.66	1,088.66	1,073.04
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.14	36.13	36.13	36.13	36.13	36.13	36.14	36.13	36.13	36.13

					08-02 16:00	08-02 16:30	08-02 17:00	08-02 17:30	08-02 18:00	08-02 18:30	08-02 19:00	08-02 19:30	08-02 20:00	08-02 20:30	08-02 21:00	08-02 21:30	08-02 22:00	08-02 22:30	08-02 23:00	08-02 23:30
TSP	20	mg/Sm³	12	1	0.57	0.42	0.43	0.46	0.43	0.42	0.41	0.45	0.60	0.47	0.45	0.44	0.47	0.43	0.53	0.46
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.74	0.00	0.00	0.00	3.42	2.83	1.74	1.01	2.16	0.07	1.36
NOx	70	ppm	12	1	33.29	23.03	19.74	22.46	18.51	12.95	14.45	10.27	15.89	16.88	21.76	19.73	17.73	18.43	16.54	19.03
HCl	15	ppm	12	1	3.79	3.68	3.95	3.43	3.86	2.76	1.95	2.37	3.44	7.72	6.57	5.37	5.05	4.73	3.38	3.39
CO	50	ppm	12	1	0.45	0.25	0.26	1.01	1.22	29.33	18.39	5.07	0.55	0.43	0.30	0.65	0.41	1.28	11.44	3.82
O_2		%	0	0.1	9.15	5.82	5.85	6.59	5.57	5.41	4.82	6.28	9.53	6.55	5.84	5.70	6.30	5.56	7.72	6.02
FL1		Sm³	12	10	11,371	15,467	15,453	15,262	15,528	15,497	16,254	14,343	11,673	14,835	15,668	15,771	15,209	15,586	13,520	15,185
TMP		℃	0	1	174.98	176.30	177.08	176.95	177.01	177.51	176.37	176.39	176.31	175.56	175.83	176.38	176.44	176.21	176.23	175.68
TM1		℃	0	1	1,067.52	1,083.59	1,071.13	1,038.64	1,080.19	1,068.70	1,094.24	1,026.62	1,022.29	1,047.55	1,092.64	1,107.98	1,064.23	1,103.60	1,023.78	1,084.35
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

8월 3일 굴뚝별 트랜드

					08-03 00:00	08-03 00:30	08-03 01:00	08-03 01:30	08-03 02:00	08-03 02:30	08-03 03:00	08-03 03:30	08-03 04:00	08-03 04:30	08-03 05:00	08-03 05:30	08-03 06:00	08-03 06:30	08-03 07:00	08-03 07:30
TSP	20	mg/Sm³	12	1	0.60	0.49	0.43	0.47	0.49	0.52	0.48	0.49	0.65	0.52	0.49	0.54	0.50	0.50	0.49	0.50
SOx	30	ppm	12	1	0.01	0.32	5.27	3.73	0.61	0.31	0.49	0.48	0.00	0.00	0.36	0.22	0.06	1.02	2.20	0.00
NOx	70	ppm	12	1	22.63	21.59	25.40	23.17	23.99	22.58	28.90	19.37	33.57	19.76	19.00	13.56	22.70	19.32	17.39	17.91
HCl	15	ppm	12	1	4.37	3.65	6.38	7.15	4.92	5.50	4.11	4.50	5.05	3.84	2.87	4.63	4.06	5.66	6.40	2.94
CO	50	ppm	12	1	0.59	0.35	20.22	8.03	0.35	1.36	0.31	0.38	0.30	0.23	0.35	0.43	0.22	0.71	2.32	0.90
O_2		%	0	0.1	9.01	7.10	4.86	5.88	6.45	6.92	6.00	6.35	8.73	7.07	6.28	7.56	6.45	6.62	6.60	6.76
FL1		Sm³	12	10	12,570	13,915	17,161	15,992	15,249	14,745	16,023	15,639	12,914	14,759	15,924	14,149	15,526	15,497	14,499	14,642
TMP		℃	0	1	176.70	175.90	176.07	177.82	177.22	176.86	177.22	177.64	177.94	177.92	177.39	177.12	177.09	177.02	177.08	176.37
TM1		℃	0	1	1,062.06	1,042.93	1,132.68	1,086.04	1,086.37	1,070.07	1,101.39	1,072.57	1,089.29	1,035.03	1,057.35	1,005.15	1,049.75	1,046.11	1,046.73	1,041.20
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					08-03 08:00	08-03 08:30	08-03 09:00	08-03 09:30	08-03 10:00	08-03 10:30	08-03 11:00	08-03 11:30	08-03 12:00	08-03 12:30	08-03 13:00	08-03 13:30	08-03 14:00	08-03 14:30	08-03 15:00	08-03 15:30
TSP	20	mg/Sm³	12	1	0.62	0.49	0.48	0.50	0.47	0.48	0.46	0.45	0.61	0.49	0.45	0.44	0.44	0.43	0.43	0.40
SOx	30	ppm	12	1	0.00	1.39	0.13	0.00	0.00	0.02	0.27	0.89	1.62	0.52	0.40	0.38	0.00	0.26	0.00	0.01
NOx	70	ppm	12	1	17.89	21.29	19.63	17.88	26.56	21.71	27.26	27.06	32.56	24.50	24.88	25.85	25.09	21.74	23.12	21.24
HCl	15	ppm	12	1	3.52	6.48	4.69	3.57	2.47	3.26	2.97	4.02	7.59	5.78	4.91	6.10	3.93	3.38	2.70	2.43
CO	50	ppm	12	1	0.72	0.30	0.37	0.34	0.20	0.34	0.22	0.25	0.38	0.46	0.25	0.34	0.39	0.66	0.32	0.51
O_2		%	0	0.1	10.49	6.84	6.75	7.84	7.07	6.93	6.45	6.43	9.33	7.58	6.68	6.41	6.45	6.41	6.73	5.66
FL1		Sm³	12	10	11,508	15,240	15,436	13,773	14,793	15,134	15,640	15,616	12,193	14,360	15,278	15,408	14,443	14,272	14,073	15,134
TMP		℃	0	1	174.97	175.55	177.81	178.62	177.86	178.57	179.63	179.79	180.45	180.56	179.88	180.31	179.61	177.78	176.05	175.01
TM1		℃	0	1	994.72	1,051.68	1,045.55	1,006.08	1,052.95	1,045.90	1,068.33	1,076.49	1,074.41	1,022.28	1,054.99	1,065.08	1,063.11	1,061.95	1,043.30	1,095.87
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					08-03 16:00	08-03 16:30	08-03 17:00	08-03 17:30	08-03 18:00	08-03 18:30	08-03 19:00	08-03 19:30	08-03 20:00	08-03 20:30	08-03 21:00	08-03 21:30	08-03 22:00	08-03 22:30	08-03 23:00	08-03 23:30
TSP	20	mg/Sm³	12	1	0.53	0.42	0.40	0.45	0.46	0.46	0.44	0.44	0.62	0.47	0.43	0.47	0.42	0.47	0.44	0.47
SOx	30	ppm	12	1	0.12	0.14	0.83	0.76	0.01	1.56	2.88	0.14	0.11	0.00	0.02	0.00	2.81	0.00	0.00	0.12
NOx	70	ppm	12	1	29.96	23.92	24.91	18.12	23.39	14.10	20.44	26.65	22.02	17.98	17.83	10.62	21.01	12.35	13.43	12.84
HCl	15	ppm	12	1	2.34	2.21	1.93	3.14	1.96	3.01	2.03	2.55	2.66	1.01	3.27	3.04	2.89	2.42	1.50	1.73
CO	50	ppm	12	1	1.10	0.65	8.97	14.21	2.95	21.85	18.86	0.27	0.60	0.58	0.27	0.57	1.63	0.54	1.24	0.29
O_2		%	0	0.1	8.24	5.87	4.91	6.64	6.71	6.55	6.37	6.28	10.55	7.06	5.87	7.43	5.00	6.70	5.87	6.95
FL1		Sm³	12	10	12,479	14,922	16,201	14,142	14,527	14,123	14,370	14,443	10,489	14,142	15,149	13,474	16,327	14,499	15,237	13,989
TMP		℃	0	1	175.69	176.40	177.30	177.53	176.83	175.58	175.66	174.52	175.88	175.49	174.49	175.71	175.74	175.74	175.23	175.37
TM1		℃	0	1	1,095.50	1,098.35	1,116.67	1,052.03	1,035.57	1,032.36	1,078.73	1,099.19	1,001.89	1,020.53	1,057.96	996.50	1,099.55	1,039.41	1,059.17	1,012.97
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

8월 4일 굴뚝별 트랜드

					08-04 00:00	08-04 00:30	08-04 01:00	08-04 01:30	08-04 02:00	08-04 02:30	08-04 03:00	08-04 03:30	08-04 04:00	08-04 04:30	08-04 05:00	08-04 05:30	08-04 06:00	08-04 06:30	08-04 07:00	08-04 07:30
TSP	20	mg/Sm³	12	1	0.59	0.46	0.46	0.47	0.49	0.46	0.45	0.47	0.61	0.49	0.48	0.47	0.49	0.43	0.48	0.47
SOx	30	ppm	12	1	0.00	0.00	0.77	0.00	0.24	0.00	0.97	0.36	0.09	0.18	0.01	0.00	0.01	0.89	0.04	0.00
NOx	70	ppm	12	1	17.74	10.33	8.25	9.97	13.32	15.45	13.84	14.25	24.58	14.90	18.99	21.18	22.05	25.55	23.30	23.19
HCl	15	ppm	12	1	1.73	1.42	2.07	1.47	1.49	0.86	0.99	1.65	1.77	1.85	1.31	1.83	1.26	1.98	2.04	1.40
CO	50	ppm	12	1	0.57	1.48	2.37	0.69	1.32	0.30	2.01	0.26	0.66	0.93	0.45	0.35	3.56	11.63	0.19	0.26
O_2		%	0	0.1	9.33	6.57	5.93	6.34	6.79	6.49	5.74	6.47	8.68	6.83	6.29	6.50	6.88	5.23	6.73	6.87
FL1		Sm³	12	10	11,762	14,697	15,381	14,839	14,143	14,384	15,459	14,436	12,043	14,025	14,933	14,457	14,279	15,824	14,082	14,058
TMP		℃	0	1	174.61	174.25	175.05	175.49	174.95	174.86	174.66	175.33	175.27	174.99	174.87	174.15	175.40	174.63	175.64	174.93
TM1		℃	0	1	1,022.63	1,031.77	1,049.36	1,047.83	1,034.27	1,052.39	1,093.25	1,060.18	1,076.73	1,053.09	1,052.56	1,069.87	1,050.89	1,114.84	1,065.24	1,052.43
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					08-04 08:00	08-04 08:30	08-04 09:00	08-04 09:30	08-04 10:00	08-04 10:30	08-04 11:00	08-04 11:30	08-04 12:00	08-04 12:30	08-04 13:00	08-04 13:30	08-04 14:00	08-04 14:30	08-04 15:00	08-04 15:30
TSP	20	mg/Sm³	12	1	0.62	0.49	0.47	0.48	0.44	0.45	0.45	0.46	0.57	0.45	0.44	0.44	0.45	0.45	0.41	0.45
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.10
NOx	70	ppm	12	1	14.90	20.48	21.10	19.48	23.48	21.67	24.66	21.90	27.68	20.31	21.20	24.25	15.93	19.49	23.57	25.47
HCl	15	ppm	12	1	1.53	1.04	1.32	1.93	2.84	2.90	1.66	1.55	1.90	1.08	1.30	1.14	0.98	0.42	0.42	1.50
CO	50	ppm	12	1	0.66	0.28	0.31	0.42	0.31	0.23	0.18	0.27	0.29	0.32	0.25	0.18	0.37	0.20	0.17	0.23
O_2		%	0	0.1	10.83	7.19	6.87	7.56	6.64	6.98	6.62	6.89	9.10	6.77	6.50	6.58	7.09	7.25	6.23	7.13
FL1		Sm³	12	10	10,828	13,988	14,326	13,403	14,803	13,998	14,520	14,228	11,554	14,290	14,498	14,401	13,624	13,319	14,639	13,634
TMP		℃	0	1	174.20	174.11	174.87	175.23	174.47	175.67	175.23	175.32	175.61	175.50	175.40	175.66	175.02	174.50	174.11	174.57
TM1		℃	0	1	998.19	1,031.67	1,044.89	1,013.75	1,053.01	1,047.26	1,047.55	1,035.33	1,061.86	1,034.13	1,047.85	1,046.79	1,025.69	1,026.99	1,076.52	1,041.88
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					08-04 16:00	08-04 16:30	08-04 17:00	08-04 17:30	08-04 18:00	08-04 18:30	08-04 19:00	08-04 19:30	08-04 20:00	08-04 20:30	08-04 21:00	08-04 21:30	08-04 22:00	08-04 22:30	08-04 23:00	08-04 23:30
TSP	20	mg/Sm³	12	1	0.57	0.45	0.45	0.43	0.42	0.43	0.40	0.41	0.60	0.44	0.45	0.45	0.42	0.40	0.43	0.47
SOx	30	ppm	12	1	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.01	0.24	0.00	0.04	4.46	1.95	0.00
NOx	70	ppm	12	1	31.23	24.94	19.51	22.51	16.17	18.72	24.97	23.86	30.06	20.75	21.38	19.24	19.45	17.02	20.96	16.56
HCl	15	ppm	12	1	1.54	0.95	1.52	1.13	1.25	1.44	0.85	1.88	2.76	1.54	2.91	2.48	2.15	3.84	3.96	2.07
CO	50	ppm	12	1	0.41	0.34	0.35	0.33	0.27	0.24	0.11	0.18	0.42	0.25	0.33	0.42	0.50	3.82	2.16	0.45
O_2		%	0	0.1	9.55	6.76	7.10	6.67	6.44	7.02	6.00	5.64	9.49	6.21	6.61	7.31	6.17	4.70	5.65	7.51
FL1		Sm³	12	10	10,999	14,268	13,708	14,005	14,483	13,632	14,746	15,451	11,455	14,954	14,397	13,313	15,094	16,918	15,483	13,205
TMP		℃	0	1	175.49	175.00	175.49	174.94	174.23	175.58	175.24	175.43	177.13	176.21	175.78	175.36	173.80	176.18	178.19	176.14
TM1		℃	0	1	1,063.21	1,040.91	1,025.77	1,053.96	1,049.79	1,024.16	1,091.23	1,101.33	1,043.08	1,060.23	1,042.39	1,020.79	1,064.55	1,106.56	1,075.58	1,012.53
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13