2월 7일 굴뚝별 트랜드

					02-07 00:00	02-07 00:30	02-07 01:00	02-07 01:30	02-07 02:00	02-07 02:30	02-07 03:00	02-07 03:30	02-07 04:00	02-07 04:30	02-07 05:00	02-07 05:30	02-07 06:00	02-07 06:30	02-07 07:00	02-07 07:30
TSP	20	mg/Sm³	12	1	0.78	0.60	0.55	0.65	0.59	0.58	0.59	0.62	0.74	0.58	0.59	0.66	0.64	0.56	0.62	0.56
SOx	30	ppm	12	1	0.00	3.04	4.73	0.51	6.29	0.02	0.00	0.22	4.10	10.97	3.16	1.68	0.00	1.05	0.00	0.00
NOx	70	ppm	12	1	7.30	8.01	11.22	5.31	7.62	5.12	6.01	7.77	11.87	10.51	11.91	8.26	6.79	14.63	6.16	5.57
HCl	15	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
CO	50	ppm	12	1	0.77	0.52	0.38	0.71	0.49	4.92	0.45	0.71	5.97	16.28	0.27	0.47	1.13	0.21	0.59	0.47
O_2		%	0	0.1	10.18	6.85	5.85	8.16	7.13	6.98	7.25	7.74	8.85	6.44	6.81	8.16	7.91	5.89	7.62	6.13
FL1		Sm³	12	10	11,550	14,774	14,736	12,448	13,639	13,300	13,067	13,635	12,736	15,173	14,803	13,090	13,524	15,482	13,109	14,929
TMP		℃	0	1	188.33	188.50	188.55	187.16	186.16	185.61	184.94	184.79	186.80	188.71	188.24	187.94	187.60	188.01	187.61	186.55
TM1		℃	0	1	1,008.11	1,047.45	1,107.86	1,027.33	1,048.88	1,045.60	1,041.11	1,017.23	1,070.01	1,091.24	1,068.84	1,043.77	1,027.23	1,097.32	1,031.95	1,061.14
TM3		℃	0	1	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.45	36.45	36.44	36.45	36.44	36.44	36.44	36.44

					02-07 08:00	02-07 08:30	02-07 09:00	02-07 09:30	02-07 10:00	02-07 10:30	02-07 11:00	02-07 11:30	02-07 12:00	02-07 12:30	02-07 13:00	02-07 13:30	02-07 14:00	02-07 14:30	02-07 15:00	02-07 15:30
TSP	20	mg/Sm³	12	1	0.76	0.56	0.47	0.44	0.44	5.66	0.49	0.48	0.49	0.48	0.48	0.49	0.48	0.48	0.54	0.62
SOx	30	ppm	12	1	0.00	0.00	0.14	0.18	6.03	14.89	0.60	0.82	0.28	0.00	0.00	0.00	0.00	0.16	1.52	0.00
NOx	70	ppm	12	1	4.56	7.01	3.77	0.68	13.53	31.86	0.79	0.79	0.74	0.52	0.46	0.46	1.57	9.27	8.54	7.53
HCl	15	ppm	12	1	0.00	0.00	0.15	0.00	3.45	5.34	0.11	0.07	0.05	0.02	0.04	0.06	0.04	0.00	0.00	0.00
CO	50	ppm	12	1	8.84	10.26	1.38	0.07	16.74	39.62	0.00	0.00	0.00	0.00	0.00	0.00	0.45	2.10	4.58	1.10
O_2		%	0	0.1	9.26	6.06	13.39	16.50	8.22	14.01	21.13	21.13	21.03	20.90	20.90	20.90	16.93	6.20	5.80	6.56
FL1		Sm³	12	10	11,198	15,028	17,169	18,420	18,046	18,421	18,202	18,402	18,414	18,446	18,620	18,276	18,161	18,067	16,337	14,097
TMP		℃	0	1	186.74	186.82	186.33	185.36	184.99	185.30	186.15	185.99	186.09	186.46	186.93	187.13	186.18	185.06	185.71	185.77
TM1		℃	0	1	1,045.35	1,059.58	1,063.66	1,081.49	1,034.89	1,068.83	1,046.93	1,033.98	1,040.68	1,027.49	1,077.67	1,027.07	1,006.45	1,046.75	1,077.46	1,067.85
TM3		℃	0	1	36.44	36.44	36.45	36.44	36.44	36.43	36.40	36.40	36.41	36.40	36.40	36.40	36.40	36.40	36.41	36.41

					02-07 16:00	02-07 16:30	02-07 17:00	02-07 17:30	02-07 18:00	02-07 18:30	02-07 19:00	02-07 19:30	02-07 20:00	02-07 20:30	02-07 21:00	02-07 21:30	02-07 22:00	02-07 22:30	02-07 23:00	02-07 23:30
TSP	20	mg/Sm³	12	1	0.81	0.61	0.64	0.61	0.63	0.67	0.65	0.69	0.87	0.69	0.76	0.71	0.71	0.68	0.77	0.67
SOx	30	ppm	12	1	0.00	0.01	0.00	0.00	1.64	0.00	0.00	0.33	0.49	0.78	0.07	0.00	2.65	0.84	0.84	3.70
NOx	70	ppm	12	1	8.84	8.62	6.91	8.17	6.99	6.08	9.47	8.18	10.44	9.63	8.48	7.58	10.14	12.84	11.00	12.95
HCl	15	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	0.18	0.09	0.60	0.75
CO	50	ppm	12	1	0.73	1.07	5.34	0.52	1.47	0.90	0.57	0.96	2.08	0.70	1.06	0.68	0.59	0.44	1.12	0.82
O_2		%	0	0.1	9.09	6.12	6.75	6.21	6.27	7.13	6.78	7.32	9.63	7.36	8.47	7.73	7.50	7.18	8.63	6.73
FL1		Sm³	12	10	11,685	14,652	14,072	14,680	14,572	13,766	14,174	13,398	11,692	14,148	12,954	13,693	13,999	14,482	12,855	15,066
TMP		℃	0	1	185.63	186.00	186.35	186.31	186.57	186.53	186.71	186.66	186.31	187.15	187.90	187.32	187.69	187.93	188.12	187.98
TM1		℃	0	1	1,030.74	1,074.19	1,036.61	1,051.33	1,063.25	1,010.91	1,025.53	1,033.53	1,026.69	1,038.45	1,014.57	1,024.13	1,044.47	1,045.84	1,009.86	1,059.96
TM3		℃	0	1	36.40	36.40	36.41	36.40	36.40	36.40	36.40	36.41	36.41	36.42	36.42	36.42	36.42	36.41	36.43	36.43

2월 8일 굴뚝별 트랜드

					02-08 00:00	02-08 00:30	02-08 01:00	02-08 01:30	02-08 02:00	02-08 02:30	02-08 03:00	02-08 03:30	02-08 04:00	02-08 04:30	02-08 05:00	02-08 05:30	02-08 06:00	02-08 06:30	02-08 07:00	02-08 07:30
TSP	20	mg/Sm³	12	1	0.85	0.75	0.72	0.82	0.64	0.79	0.64	0.70	0.92	0.68	0.76	0.70	0.70	0.70	0.69	0.66
SOx	30	ppm	12	1	3.82	0.43	0.52	0.00	0.36	0.01	0.00	0.07	0.34	0.65	0.00	0.00	0.00	0.00	0.01	0.11
NOx	70	ppm	12	1	17.55	9.63	10.91	7.29	16.22	10.61	13.64	13.60	17.89	15.74	11.10	12.63	12.37	12.81	15.55	18.14
HCl	15	ppm	12	1	3.81	5.22	6.30	4.04	0.12	0.20	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.36	0.83	0.84	1.05	0.22	1.16	0.27	0.43	0.57	0.35	0.78	0.38	0.34	0.36	0.40	0.24
O_2		%	0	0.1	9.26	8.37	7.86	9.29	6.26	8.84	6.40	7.43	10.57	7.09	8.45	7.29	7.32	7.44	7.09	6.55
FL1		Sm³	12	10	12,204	13,075	13,526	11,845	15,456	12,551	15,116	13,973	10,651	14,405	12,990	14,228	14,121	14,118	14,637	14,733
TMP		℃	0	1	188.25	188.31	187.15	185.87	185.39	186.23	185.88	186.09	186.15	185.79	185.90	185.85	185.99	186.06	186.42	186.44
TM1		℃	0	1	1,079.85	1,011.17	1,016.98	988.94	1,083.45	1,006.59	1,065.43	1,050.07	1,050.30	1,065.33	1,009.60	1,050.57	1,056.81	1,040.15	1,057.03	1,069.50
TM3		℃	0	1	36.43	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44

					02-08 08:00	02-08 08:30	02-08 09:00	02-08 09:30	02-08 10:00	02-08 10:30	02-08 11:00	02-08 11:30	02-08 12:00	02-08 12:30	02-08 13:00	02-08 13:30	02-08 14:00	02-08 14:30	02-08 15:00	02-08 15:30
TSP	20	mg/Sm³	12	1	0.85	0.65	0.70	0.62	0.75	0.65	0.65	0.66	0.83	0.71	0.69	0.63	0.64	0.63	0.62	0.71
SOx	30	ppm	12	1	0.00	0.06	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	8.83	0.00	0.00	0.00	4.32	0.00
NOx	70	ppm	12	1	15.20	18.60	10.11	16.43	7.70	14.09	12.20	12.87	17.25	10.63	8.83	15.49	16.79	15.94	12.82	7.96
HCl	15	ppm	12	1	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.16	1.25
CO	50	ppm	12	1	0.64	0.30	0.57	0.65	6.13	0.70	0.59	0.66	0.89	0.64	33.71	0.43	0.45	0.41	20.40	0.66
O_2		%	0	0.1	9.89	6.20	7.44	5.88	8.26	6.78	6.77	7.05	7.99	7.53	7.02	6.44	6.58	6.14	6.10	8.26
FL1		Sm³	12	10	11,996	15,086	13,645	15,424	12,347	14,155	13,966	13,872	12,293	13,360	13,711	14,413	14,537	14,976	14,945	12,326
TMP		℃	0	1	185.17	185.75	185.34	185.80	184.66	183.45	183.38	184.08	184.98	185.06	184.88	184.49	185.39	186.51	186.34	185.60
TM1		℃	0	1	1,031.74	1,083.43	1,024.80	1,075.94	995.43	1,046.62	1,045.78	1,042.19	1,074.97	1,041.99	1,053.19	1,075.10	1,063.34	1,075.65	1,084.18	1,029.65
TM3		℃	0	1	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.43	36.44	36.43	36.43	36.42	36.42

					02-08 16:00	02-08 16:30	02-08 17:00	02-08 17:30	02-08 18:00	02-08 18:30	02-08 19:00	02-08 19:30	02-08 20:00	02-08 20:30	02-08 21:00	02-08 21:30	02-08 22:00	02-08 22:30	02-08 23:00	02-08 23:30
TSP	20	mg/Sm³	12	1	0.87	0.72	0.71	0.67	0.68	0.67	0.68	0.70	0.81	0.65	0.70	0.65	0.67	0.61	0.70	0.66
SOx	30	ppm	12	1	0.02	0.00	0.89	0.22	0.46	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	1.02	0.00	0.00
NOx	70	ppm	12	1	14.51	10.69	17.08	14.83	9.76	12.72	12.00	10.33	12.93	13.55	8.62	9.17	10.75	13.06	11.95	11.82
HCl	15	ppm	12	1	0.78	0.00	0.00	0.03	0.67	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.75	0.84	0.76	0.57	0.57	0.52	0.56	1.68	0.63	0.30	1.37	0.39	0.57	18.29	0.48	0.55
O_2		%	0	0.1	10.02	8.27	7.75	7.04	7.27	7.12	7.33	7.40	9.33	6.73	7.68	6.73	7.08	5.58	7.53	6.67
FL1		Sm³	12	10	10,465	12,703	14,027	14,881	13,257	13,470	13,300	13,119	11,663	14,155	13,568	13,923	13,783	15,494	13,386	14,441
TMP		℃	0	1	185.21	184.97	184.97	186.87	186.58	185.29	184.84	184.42	183.39	183.66	185.24	184.29	183.95	184.59	185.11	185.22
TM1		℃	0	1	1,072.80	1,033.22	1,041.95	1,024.26	1,031.79	1,051.24	1,042.77	1,023.83	1,046.20	1,071.17	1,024.57	1,057.21	1,044.44	1,090.92	1,052.37	1,046.64
TM3		℃	0	1	36.41	36.42	36.41	36.41	36.41	36.41	36.42	36.41	36.41	36.41	36.41	36.40	36.41	36.41	36.42	36.41

2월 9일 굴뚝별 트랜드

					02-09 00:00	02-09 00:30	02-09 01:00	02-09 01:30	02-09 02:00	02-09 02:30	02-09 03:00	02-09 03:30	02-09 04:00	02-09 04:30	02-09 05:00	02-09 05:30	02-09 06:00	02-09 06:30	02-09 07:00	02-09 07:30
TSP	20	mg/Sm³	12	1	0.85	0.62	0.65	0.70	0.62	0.66	0.72	0.64	0.84	0.78	0.70	0.73	0.63	0.67	0.65	0.69
SOx	30	ppm	12	1	0.00	0.00	0.01	0.00	0.20	0.00	0.00	0.94	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.28
NOx	70	ppm	12	1	16.82	12.48	13.81	11.30	13.55	12.48	8.37	10.83	14.22	6.94	12.13	9.38	19.33	15.27	18.11	14.56
HCl	15	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.62	0.74	0.41	0.73	6.77	0.58	0.73	0.91	0.42	0.75	0.59	1.45	0.20	0.33	0.27	12.91
O_2		%	0	0.1	8.98	5.82	6.39	7.69	5.80	6.98	8.03	6.38	9.47	8.99	7.52	8.23	6.49	7.02	6.78	7.13
FL1		Sm³	12	10	11,788	15,659	14,907	13,490	15,524	14,186	13,225	15,008	11,973	11,688	13,260	12,644	14,763	14,054	14,529	13,818
TMP		℃	0	1	185.62	186.16	186.55	186.07	186.04	186.20	185.62	185.21	186.09	185.26	183.57	182.58	183.32	184.89	185.26	185.37
TM1		℃	0	1	1,051.20	1,053.00	1,076.85	1,011.23	1,063.77	1,026.44	999.95	1,047.55	1,044.71	1,012.86	1,049.13	1,003.19	1,080.44	1,049.43	1,060.31	1,064.83
TM3		℃	0	1	36.41	36.41	36.41	36.42	36.41	36.41	36.41	36.42	36.41	36.41	36.41	36.41	36.41	36.41	36.42	36.42

					02-09 08:00	02-09 08:30	02-09 09:00	02-09 09:30	02-09 10:00	02-09 10:30	02-09 11:00	02-09 11:30	02-09 12:00	02-09 12:30	02-09 13:00	02-09 13:30	02-09 14:00	02-09 14:30	02-09 15:00	02-09 15:30
TSP	20	mg/Sm³	12	1	0.84	0.66	0.63	0.66	0.65	0.67	0.62	0.67	0.83	0.67	0.69	0.64	0.65	0.69	0.66	0.66
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.00	0.01	0.22	0.12	0.00	0.03	0.01	0.15	8.86
NOx	70	ppm	12	1	13.60	13.88	16.12	16.28	14.26	18.01	14.74	13.18	15.45	12.34	11.50	17.90	14.47	12.60	10.89	10.94
HCl	15	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	1.81
CO	50	ppm	12	1	1.08	0.34	0.28	0.33	1.86	0.41	13.15	0.76	0.63	16.63	8.37	0.50	0.57	17.63	1.74	30.80
O_2		%	0	0.1	9.65	7.11	6.13	6.36	6.16	6.78	5.88	6.86	8.77	6.90	7.32	6.40	6.48	7.13	7.02	6.75
FL1		Sm³	12	10	11,338	13,627	14,911	14,861	15,054	14,295	15,193	14,076	12,073	14,128	13,386	14,620	14,494	13,743	13,890	13,786
TMP		℃	0	1	184.36	183.22	183.83	185.21	184.62	184.49	184.73	184.97	184.98	185.07	184.94	184.65	185.24	184.82	184.43	184.16
TM1		℃	0	1	1,015.37	1,056.84	1,071.63	1,077.91	1,063.17	1,051.95	1,079.33	1,053.97	1,064.81	1,035.32	1,036.93	1,061.36	1,063.04	1,021.91	1,027.59	1,066.87
TM3		℃	0	1	36.42	36.43	36.43	36.43	36.43	36.43	36.43	36.43	36.43	36.43	36.44	36.44	36.44	36.43	36.44	36.43

					02-09 16:00	02-09 16:30	02-09 17:00	02-09 17:30	02-09 18:00	02-09 18:30	02-09 19:00	02-09 19:30	02-09 20:00	02-09 20:30	02-09 21:00	02-09 21:30	02-09 22:00	02-09 22:30	02-09 23:00	02-09 23:30
TSP	20	mg/Sm³	12	1	0.85	0.68	0.61	0.65	0.64	0.68	0.64	0.72	0.86	0.67	0.70	0.70	0.65	0.68	0.77	0.69
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.16	0.00	0.00
NOx	70	ppm	12	1	13.17	11.24	9.47	10.43	14.08	11.79	14.22	10.82	12.06	11.73	13.19	12.74	14.39	11.86	12.04	14.16
HCl	15	ppm	12	1	0.93	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
CO	50	ppm	12	1	1.13	0.89	10.46	0.67	9.96	1.83	0.85	0.67	7.94	0.96	1.16	0.71	0.60	15.26	1.21	0.52
O_2		%	0	0.1	9.26	7.47	5.95	6.50	5.81	6.84	5.97	7.56	9.10	6.64	7.22	7.09	6.16	6.55	8.35	7.04
FL1		Sm³	12	10	11,133	13,549	15,235	14,618	15,402	14,420	15,148	13,478	12,077	14,190	14,106	14,251	15,015	14,631	12,460	13,627
TMP		℃	0	1	183.38	183.25	184.17	185.12	185.76	185.77	186.01	185.92	185.39	184.90	184.93	184.71	184.76	185.34	184.81	183.38
TM1		℃	0	1	1,047.00	1,008.96	1,035.40	1,046.09	1,075.07	1,032.58	1,075.80	1,027.49	1,040.53	1,075.29	1,022.18	1,030.02	1,038.90	1,045.59	984.62	1,048.78
TM3		℃	0	1	36.43	36.43	36.43	36.43	36.43	36.43	36.43	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44