2월 3일 굴뚝별 트랜드

					02-03 00:00	02-03 00:30	02-03 01:00	02-03 01:30	02-03 02:00	02-03 02:30	02-03 03:00	02-03 03:30	02-03 04:00	02-03 04:30	02-03 05:00	02-03 05:30	02-03 06:00	02-03 06:30	02-03 07:00	02-03 07:30
TSP	20	mg/Sm³	12	1	0.64	0.54	0.51	0.56	0.48	0.58	0.50	0.53	0.66	0.53	0.61	0.47	0.48	0.52	0.54	0.49
SOx	30	ppm	12	1	2.02	0.00	0.00	0.00	1.30	0.00	1.84	0.21	2.48	1.28	0.00	0.13	0.25	0.00	0.00	11.10
NOx	70	ppm	12	1	33.28	23.52	27.08	19.30	30.11	22.69	24.06	27.12	34.56	23.52	19.59	24.55	26.99	24.62	21.73	31.89
HCl	15	ppm	12	1	3.57	4.06	2.81	2.22	3.40	3.74	5.42	3.59	8.82	11.46	2.23	0.38	1.85	1.61	1.54	9.64
CO	50	ppm	12	1	0.37	0.35	0.17	0.47	0.17	0.45	0.20	0.35	0.28	0.28	0.81	8.83	10.13	0.22	0.36	0.25
O_2		%	0	0.1	9.27	8.19	7.13	8.42	6.03	8.72	6.88	7.57	10.10	7.84	9.37	5.70	6.24	7.65	8.33	6.58
FL1		Sm³	12	10	11,974	13,289	14,432	13,066	15,803	12,822	14,656	14,069	11,756	13,085	11,198	15,937	15,084	13,721	13,047	15,178
TMP		℃	0	1	177.95	180.10	180.86	180.52	180.76	181.18	180.06	180.25	180.89	180.47	178.47	176.92	178.77	179.99	179.85	179.95
TM1		℃	0	1	1,094.03	1,056.86	1,092.71	1,037.71	1,108.49	1,043.22	1,103.28	1,065.81	1,086.89	1,070.06	1,043.90	1,055.65	1,134.33	1,104.07	1,062.43	1,089.92
TM3		℃	0	1	36.60	36.62	36.62	36.62	36.63	36.62	36.62	36.61	36.62	36.61	36.62	36.61	36.62	36.62	36.61	36.61

					02-03 08:00	02-03 08:30	02-03 09:00	02-03 09:30	02-03 10:00	02-03 10:30	02-03 11:00	02-03 11:30	02-03 12:00	02-03 12:30	02-03 13:00	02-03 13:30	02-03 14:00	02-03 14:30	02-03 15:00	02-03 15:30
TSP	20	mg/Sm³	12	1	0.66	0.56	0.51	0.60	0.57	0.52	0.54	0.55	0.67	0.58	0.57	0.51	0.56	0.49	0.52	0.52
SOx	30	ppm	12	1	13.85	0.61	2.75	0.00	0.00	1.24	1.15	0.00	4.55	1.98	0.01	0.22	0.75	0.07	0.00	0.00
NOx	70	ppm	12	1	39.95	28.00	32.62	24.23	24.89	31.06	30.39	25.59	32.01	24.87	17.81	23.17	23.12	22.51	21.72	20.81
HCl	15	ppm	12	1	24.71	6.77	7.12	3.23	1.92	3.96	6.13	5.74	8.02	3.96	9.20	4.22	6.22	3.74	4.82	5.46
CO	50	ppm	12	1	0.39	0.32	0.19	0.48	0.51	0.24	0.34	0.44	0.48	0.80	0.72	0.44	0.73	0.40	0.41	0.31
O_2		%	0	0.1	10.81	8.44	7.34	9.31	8.82	7.38	8.11	8.36	10.07	8.35	8.67	6.68	7.77	6.34	7.27	7.09
FL1		Sm³	12	10	11,167	13,119	14,637	12,500	12,664	14,116	13,262	13,034	11,447	12,982	12,766	15,134	13,882	15,480	14,503	14,523
TMP		℃	0	1	179.96	179.65	179.84	180.08	178.83	179.11	179.66	180.19	180.14	178.62	179.03	179.57	180.92	181.58	181.48	181.60
TM1		℃	0	1	1,113.95	1,070.81	1,109.15	1,040.63	1,025.13	1,079.67	1,064.76	1,036.44	1,070.45	1,037.04	1,027.09	1,026.49	1,050.41	1,043.68	1,038.29	1,061.62
TM3		℃	0	1	36.62	36.62	36.62	36.62	36.62	36.63	36.63	36.63	36.62	36.63	36.62	36.63	36.63	36.63	36.63	36.63

					02-03 16:00	02-03 16:30	02-03 17:00	02-03 17:30	02-03 18:00	02-03 18:30	02-03 19:00	02-03 19:30	02-03 20:00	02-03 20:30	02-03 21:00	02-03 21:30	02-03 22:00	02-03 22:30	02-03 23:00	02-03 23:30
TSP	20	mg/Sm³	12	1	0.67	0.57	0.52	0.47	0.51	0.49	0.48	0.46	0.63	0.57	0.50	0.46	0.49	0.55	0.57	0.48
SOx	30	ppm	12	1	0.61	0.00	0.00	2.50	0.23	0.39	0.01	7.42	1.36	0.00	1.38	6.53	1.71	2.05	0.00	4.32
NOx	70	ppm	12	1	28.97	22.68	18.85	24.87	24.53	24.87	26.82	31.20	39.62	19.96	23.49	28.09	28.95	26.59	21.28	27.35
HCl	15	ppm	12	1	7.24	3.96	4.96	6.32	6.58	6.43	5.86	9.42	9.73	6.80	3.79	8.68	6.71	10.19	6.91	5.90
CO	50	ppm	12	1	6.80	0.70	0.49	0.40	0.42	0.36	0.19	0.16	7.57	0.48	0.32	0.20	0.19	0.47	0.64	1.28
O_2		%	0	0.1	10.18	8.31	7.43	6.24	7.24	6.80	6.47	5.79	9.46	8.61	6.77	5.76	6.46	8.05	8.66	6.14
FL1		Sm³	12	10	11,603	13,010	14,251	15,566	14,475	15,044	15,489	16,089	12,355	12,899	15,391	16,548	15,573	13,861	12,814	15,745
TMP		℃	0	1	181.49	180.44	179.53	180.76	181.27	181.61	181.88	182.37	182.20	181.60	181.92	182.29	182.02	181.85	180.03	179.14
TM1		℃	0	1	1,039.62	1,011.09	1,053.81	1,061.75	1,054.51	1,075.45	1,085.15	1,121.82	1,112.45	1,052.77	1,043.29	1,092.67	1,098.39	1,082.05	1,005.31	1,072.05
TM3		℃	0	1	36.63	36.63	36.63	36.62	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.63

2월 4일 굴뚝별 트랜드

					02-04 00:00	02-04 00:30	02-04 01:00	02-04 01:30	02-04 02:00	02-04 02:30	02-04 03:00	02-04 03:30	02-04 04:00	02-04 04:30	02-04 05:00	02-04 05:30	02-04 06:00	02-04 06:30	02-04 07:00	02-04 07:30
TSP	20	mg/Sm³	12	1	0.71	0.47	0.56	0.51	0.47	0.52	0.56	0.56	0.67	0.46	0.58	0.55	0.85	0.50	0.49	0.56
SOx	30	ppm	12	1	28.75	1.48	0.00	0.43	5.81	0.84	2.39	0.01	0.01	4.90	0.00	0.00	0.51	0.45	0.00	0.00
NOx	70	ppm	12	1	29.09	38.06	25.94	32.14	37.79	33.84	35.13	34.08	38.58	34.00	19.05	22.91	19.85	22.58	22.70	20.31
HCl	15	ppm	12	1	9.26	2.61	4.47	2.72	5.99	4.39	6.13	1.54	1.89	2.80	3.86	2.12	4.12	4.89	2.55	3.92
CO	50	ppm	12	1	31.28	1.20	0.27	0.26	0.18	3.77	0.27	0.42	0.44	18.57	0.59	0.48	0.39	0.29	0.24	0.43
O_2		%	0	0.1	11.62	5.71	8.15	7.19	5.66	7.33	8.04	7.78	10.99	5.26	8.68	8.01	7.11	6.45	6.54	8.36
FL1		Sm³	12	10	10,238	16,027	13,425	14,775	16,288	14,456	13,371	13,926	11,533	16,718	12,770	13,663	15,133	15,433	15,219	13,406
TMP		℃	0	1	180.36	180.62	180.90	180.32	181.27	181.23	180.86	180.00	180.25	181.19	180.50	179.13	180.01	181.59	181.23	181.00
TM1		℃	0	1	1,092.03	1,124.24	1,095.35	1,074.33	1,141.08	1,103.43	1,122.11	1,050.59	1,062.38	1,130.79	1,064.74	1,013.96	1,052.68	1,043.25	1,078.37	1,040.04
TM3		℃	0	1	36.63	36.63	36.62	36.62	36.62	36.63	36.63	36.63	36.62	36.61	36.62	36.62	36.62	36.62	36.62	36.61

					02-04 08:00	02-04 08:30	02-04 09:00	02-04 09:30	02-04 10:00	02-04 10:30	02-04 11:00	02-04 11:30	02-04 12:00	02-04 12:30	02-04 13:00	02-04 13:30	02-04 14:00	02-04 14:30	02-04 15:00	02-04 15:30
TSP	20	mg/Sm³	12	1	0.64	0.52	0.51	0.50	0.52	0.55	0.50	0.51	0.67	0.51	0.46	0.52	0.52	0.55	0.55	0.55
SOx	30	ppm	12	1	0.83	0.42	1.57	2.60	0.10	0.10	0.00	0.00	0.00	1.32	7.88	4.94	0.02	0.39	1.69	0.33
NOx	70	ppm	12	1	29.51	18.15	24.52	28.54	33.55	27.66	28.53	22.44	27.26	26.15	41.04	34.28	35.88	28.52	26.27	23.39
HCl	15	ppm	12	1	4.09	6.26	5.64	8.00	5.06	3.02	1.64	2.85	3.29	2.56	6.45	5.29	1.30	2.56	1.87	4.52
CO	50	ppm	12	1	0.40	0.27	0.22	0.18	0.10	0.19	0.19	0.21	0.28	0.24	0.11	17.14	3.64	7.58	13.34	0.36
O_2		%	0	0.1	9.29	7.27	6.92	6.54	7.08	7.91	6.68	6.96	10.09	6.85	5.32	6.61	7.13	7.57	7.87	7.88
FL1		Sm³	12	10	12,742	14,563	15,005	15,309	14,537	13,562	15,140	14,603	11,707	15,091	16,970	15,299	15,271	14,202	13,951	14,043
TMP		℃	0	1	181.37	180.98	180.77	181.00	180.68	180.32	180.76	181.20	180.88	180.14	181.75	181.96	181.52	181.57	181.39	181.29
TM1		℃	0	1	1,031.36	1,048.52	1,059.21	1,104.00	1,106.35	1,105.46	1,091.41	1,102.33	1,075.87	1,062.39	1,143.49	1,143.22	1,105.28	1,098.09	1,074.27	1,051.83
TM3		℃	0	1	36.62	36.62	36.62	36.63	36.62	36.63	36.62	36.62	36.63	36.63	36.63	36.62	36.63	36.63	36.62	36.63

					02-04 16:00	02-04 16:30	02-04 17:00	02-04 17:30	02-04 18:00	02-04 18:30	02-04 19:00	02-04 19:30	02-04 20:00	02-04 20:30	02-04 21:00	02-04 21:30	02-04 22:00	02-04 22:30	02-04 23:00	02-04 23:30
TSP	20	mg/Sm³	12	1	0.67	0.54	0.53	0.57	0.50	0.54	0.61	0.48	2.25	1.66	1.73	1.73	1.81	1.87	1.52	1.60
SOx	30	ppm	12	1	1.91	1.19	1.44	0.01	0.42	0.96	0.00	0.25	0.93	0.06	0.00	0.00	0.00	0.00	0.13	0.12
NOx	70	ppm	12	1	26.02	20.52	19.11	18.54	22.29	22.13	18.39	19.36	25.43	14.72	18.31	16.86	16.37	17.90	27.66	21.18
HCl	15	ppm	12	1	5.79	4.52	4.88	6.11	2.79	4.71	2.46	0.76	2.07	4.50	3.94	2.95	4.26	2.17	1.24	4.43
CO	50	ppm	12	1	0.58	0.43	0.28	0.47	0.16	0.32	0.64	1.61	0.90	0.46	0.44	0.42	0.49	0.86	0.23	0.34
O_2		%	0	0.1	10.42	7.39	7.11	8.36	6.47	7.44	9.21	5.96	8.70	7.71	8.32	8.37	8.81	9.08	6.55	7.31
FL1		Sm³	12	10	12,096	14,639	14,886	13,346	15,749	14,752	12,301	16,542	13,242	14,030	13,077	12,962	12,279	11,904	15,274	14,386
TMP		℃	0	1	180.79	181.15	181.70	181.77	181.35	182.73	181.34	180.22	181.62	181.57	180.42	179.50	178.99	177.56	177.83	179.83
TM1		℃	0	1	1,009.63	1,030.84	1,042.66	1,020.49	1,072.49	1,071.58	997.51	1,057.27	1,086.02	1,013.93	992.97	1,000.45	1,003.47	982.53	1,075.22	1,060.89
TM3		℃	0	1	36.62	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.61	36.62	36.63	36.63	36.63	36.63

2월 5일 굴뚝별 트랜드

					02-05 00:00	02-05 00:30	02-05 01:00	02-05 01:30	02-05 02:00	02-05 02:30	02-05 03:00	02-05 03:30	02-05 04:00	02-05 04:30	02-05 05:00	02-05 05:30	02-05 06:00	02-05 06:30	02-05 07:00	02-05 07:30
TSP	20	mg/Sm³	12	1	2.08	1.55	1.40	1.51	1.61	1.64	1.75	1.48	2.10	1.75	1.76	1.85	1.76	1.81	1.74	1.63
SOx	30	ppm	12	1	0.00	9.54	17.68	5.67	0.21	0.51	0.00	1.74	0.00	0.00	0.42	0.00	10.90	6.94	0.71	2.02
NOx	70	ppm	12	1	18.21	21.91	28.41	21.49	32.90	31.80	22.46	42.15	29.48	19.19	21.06	22.37	28.48	22.70	21.26	19.69
HCl	15	ppm	12	1	5.88	9.87	16.07	11.16	3.12	5.26	6.85	4.77	6.39	2.35	5.65	9.82	9.09	17.00	4.81	8.31
CO	50	ppm	12	1	0.62	0.27	10.47	0.22	0.25	0.29	0.57	0.18	0.41	0.73	0.56	0.73	0.78	0.53	0.80	0.29
O_2		%	0	0.1	10.51	6.79	5.27	6.28	7.39	7.54	8.38	6.05	10.76	8.33	8.35	9.06	8.20	8.61	8.28	7.39
FL1		Sm³	12	10	11,412	15,120	17,190	14,780	14,677	14,261	13,466	16,044	11,391	13,187	13,354	12,321	13,683	13,041	13,684	14,573
TMP		℃	0	1	180.17	180.11	180.59	179.15	178.23	179.51	179.94	180.52	180.12	179.68	179.96	179.74	178.41	178.77	179.39	179.88
TM1		℃	0	1	1,019.25	1,050.89	1,118.36	1,096.46	1,067.79	1,092.75	1,026.45	1,113.94	1,062.81	1,024.74	1,032.02	989.97	999.91	1,034.60	996.19	1,043.98
TM3		℃	0	1	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.63

					02-05 08:00	02-05 08:30	02-05 09:00	02-05 09:30	02-05 10:00	02-05 10:30	02-05 11:00	02-05 11:30	02-05 12:00	02-05 12:30	02-05 13:00	02-05 13:30	02-05 14:00	02-05 14:30	02-05 15:00	02-05 15:30
TSP	20	mg/Sm³	12	1	1.91	1.71	1.69	1.82	1.89	1.63	1.92	1.67	2.01	1.73	1.58	1.62	1.55	1.59	1.61	1.65
SOx	30	ppm	12	1	2.13	0.06	0.00	0.00	0.00	0.26	0.00	0.27	0.00	0.00	1.53	0.00	2.74	1.85	0.81	0.05
NOx	70	ppm	12	1	31.70	23.43	25.66	27.00	18.60	26.69	20.04	23.47	38.04	23.80	41.96	37.19	43.32	35.16	32.52	34.75
HCl	15	ppm	12	1	4.36	4.18	2.05	2.13	2.53	1.34	2.24	1.06	1.75	1.31	0.50	0.79	3.12	4.78	4.58	2.71
CO	50	ppm	12	1	1.95	0.28	0.24	0.35	0.58	0.18	0.52	0.19	0.21	0.09	0.09	0.10	0.03	0.09	0.05	0.12
O_2		%	0	0.1	9.02	8.01	7.66	8.66	9.12	7.30	9.38	7.53	9.95	7.94	6.63	7.04	6.36	6.77	7.07	7.65
FL1		Sm³	12	10	14,141	14,075	14,334	13,233	12,549	14,577	12,042	14,189	12,475	13,449	15,478	15,216	15,773	15,279	14,627	14,278
TMP		℃	0	1	180.45	181.02	180.47	179.95	180.41	179.73	179.15	178.88	179.99	179.84	180.16	181.54	181.54	181.28	181.11	181.18
TM1		℃	0	1	1,065.61	1,070.81	1,077.47	1,037.12	1,015.32	1,073.21	1,009.55	1,089.10	1,068.76	1,090.12	1,137.72	1,113.33	1,132.60	1,113.31	1,117.46	1,089.22
TM3		℃	0	1	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.62	36.63	36.63	36.62	36.63	36.62	36.62	36.62	36.63

					02-05 16:00	02-05 16:30	02-05 17:00	02-05 17:30	02-05 18:00	02-05 18:30	02-05 19:00	02-05 19:30	02-05 20:00	02-05 20:30	02-05 21:00	02-05 21:30	02-05 22:00	02-05 22:30	02-05 23:00	02-05 23:30
TSP	20	mg/Sm³	12	1	2.16	1.74	1.59	1.77	1.73	1.64	1.69	1.73	2.12	1.85	1.56	1.68	1.77	1.65	1.80	1.74
SOx	30	ppm	12	1	0.00	1.32	9.51	0.00	0.00	0.00	0.00	0.00	0.12	0.00	1.29	0.53	3.97	1.57	0.00	0.00
NOx	70	ppm	12	1	43.05	25.71	27.89	29.00	25.04	25.57	27.60	25.35	36.49	18.36	30.69	28.26	29.78	29.58	22.91	29.53
HCl	15	ppm	12	1	3.70	2.28	2.87	3.94	1.89	1.45	2.03	2.08	1.95	1.88	1.26	4.83	11.04	6.43	4.97	2.50
CO	50	ppm	12	1	0.27	0.36	17.75	0.25	0.37	0.35	0.36	0.54	0.42	0.50	0.13	0.18	0.26	0.28	0.43	0.33
O_2		%	0	0.1	10.91	8.18	6.64	8.51	8.30	7.57	7.91	8.08	10.98	8.94	6.53	7.65	8.21	7.24	8.46	8.00
FL1		Sm³	12	10	10,918	13,377	15,156	13,275	13,610	14,344	14,159	13,754	11,384	12,415	15,555	14,339	13,612	14,813	13,321	13,849
TMP		℃	0	1	181.10	180.49	179.71	180.93	180.29	180.42	181.10	181.03	180.86	180.27	178.89	180.37	181.54	181.41	181.40	181.45
TM1		℃	0	1	1,060.87	1,057.23	1,088.75	1,071.31	1,042.03	1,041.62	1,041.56	1,025.90	1,051.18	1,008.07	1,094.05	1,085.57	1,074.03	1,071.39	1,035.29	1,046.19
TM3		℃	0	1	36.62	36.62	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.63