3월 5일 굴뚝별 트랜드

					03-05 00:00	03-05 00:30	03-05 01:00	03-05 01:30	03-05 02:00	03-05 02:30	03-05 03:00	03-05 03:30	03-05 04:00	03-05 04:30	03-05 05:00	03-05 05:30	03-05 06:00	03-05 06:30	03-05 07:00	03-05 07:30
TSP	20	mg/Sm³	12	1	0.59	0.43	0.50	0.52	0.50	0.51	0.44	0.46	0.58	0.42	0.45	0.61	0.44	0.46	0.46	0.44
SOx	30	ppm	12	1	0.47	3.65	0.09	0.11	0.40	1.26	0.40	0.10	0.00	0.00	0.00	0.17	6.10	0.01	0.18	0.00
NOx	70	ppm	12	1	40.98	36.56	30.90	31.01	30.42	24.96	28.42	32.68	19.29	25.98	28.35	17.26	27.46	19.98	23.29	29.76
HCl	15	ppm	12	1	2.13	3.06	2.65	1.36	2.76	4.08	1.05	1.48	1.28	0.86	0.95	1.48	3.92	2.71	3.10	2.79
CO	50	ppm	12	1	0.20	0.26	0.17	0.26	0.17	0.19	14.63	0.40	0.70	0.23	0.21	0.86	10.88	0.43	0.37	0.17
O_2		%	0	0.1	10.34	6.37	8.30	8.68	8.16	8.64	7.01	7.43	10.69	6.09	6.74	10.11	6.78	7.31	7.32	6.82
FL1		Sm³	12	10	11,164	14,750	12,529	12,623	13,137	11,932	13,660	13,668	11,572	15,094	14,349	10,673	14,534	13,797	13,761	14,271
TMP		℃	0	1	179.23	179.68	179.78	179.57	180.09	179.60	177.99	178.82	179.30	179.04	179.81	178.57	176.34	177.69	178.50	179.08
TM1		℃	0	1	1,119.16	1,155.73	1,114.22	1,090.94	1,105.68	1,108.29	1,139.51	1,123.34	1,035.37	1,116.27	1,101.89	1,019.07	1,103.03	1,070.69	1,080.66	1,114.07
TM3		℃	0	1	36.36	36.36	36.37	36.36	36.37	36.37	36.39	36.39	36.39	36.38	36.38	36.39	36.39	36.37	36.36	36.37

					03-05 08:00	03-05 08:30	03-05 09:00	03-05 09:30	03-05 10:00	03-05 10:30	03-05 11:00	03-05 11:30	03-05 12:00	03-05 12:30	03-05 13:00	03-05 13:30	03-05 14:00	03-05 14:30	03-05 15:00	03-05 15:30
TSP	20	mg/Sm³	12	1	0.60	0.48	0.49	0.47	0.47	0.49	0.48	0.49	0.61	0.49	0.49	0.49	0.46	0.49	0.51	0.48
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	24.41	21.87	15.95	19.95	17.52	14.88	18.85	15.07	27.42	21.38	21.03	19.77	23.69	20.18	18.70	17.29
HCl	15	ppm	12	1	3.44	2.71	1.64	0.91	1.38	1.33	1.94	3.13	3.14	3.49	1.68	1.18	0.61	0.72	0.76	0.58
CO	50	ppm	12	1	0.51	0.39	0.35	0.25	0.34	0.47	0.29	0.31	0.19	0.22	0.27	0.31	0.17	0.23	0.31	0.24
O_2		%	0	0.1	10.42	7.57	7.96	7.44	7.41	7.67	7.23	7.41	9.64	7.59	7.55	7.74	6.69	7.54	8.19	7.40
FL1		Sm³	12	10	11,303	13,678	12,965	13,614	13,859	13,605	14,217	13,738	11,575	13,604	13,772	13,708	14,768	13,844	13,071	13,999
TMP		℃	0	1	178.77	178.29	178.11	177.48	178.37	178.97	178.88	179.06	178.83	179.14	179.15	179.12	179.43	179.43	179.16	179.36
TM1		℃	0	1	1,060.42	1,057.63	1,058.46	1,077.59	1,060.27	1,043.75	1,050.96	1,055.50	1,098.15	1,064.03	1,054.08	1,047.16	1,075.63	1,046.71	1,034.07	1,040.70
TM3		℃	0	1	36.38	36.39	36.39	36.40	36.40	36.40	36.40	36.40	36.40	36.41	36.43	36.43	36.44	36.44	36.44	36.44

					03-05 16:00	03-05 16:30	03-05 17:00	03-05 17:30	03-05 18:00	03-05 18:30	03-05 19:00	03-05 19:30	03-05 20:00	03-05 20:30	03-05 21:00	03-05 21:30	03-05 22:00	03-05 22:30	03-05 23:00	03-05 23:30
TSP	20	mg/Sm³	12	1	0.59	0.46	0.46	0.48	0.47	0.48	0.53	0.44	0.61	0.46	0.49	0.49	0.44	0.47	0.53	0.46
SOx	30	ppm	12	1	0.46	0.23	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.00	0.00	1.16	0.05	2.27	2.05
NOx	70	ppm	12	1	27.39	23.07	22.05	25.16	20.73	22.34	13.33	22.89	20.26	21.99	19.18	18.92	21.17	18.33	13.66	22.29
HCl	15	ppm	12	1	2.30	2.77	1.70	0.51	0.55	0.94	1.09	0.26	1.50	1.91	2.41	1.72	2.99	3.82	1.83	2.15
CO	50	ppm	12	1	0.14	0.17	0.14	0.19	0.23	0.22	0.58	0.12	0.30	21.68	0.28	0.26	0.18	0.13	15.30	10.34
O_2		%	0	0.1	9.24	7.10	6.88	7.33	7.14	7.42	8.73	6.08	10.34	6.09	7.62	7.63	6.27	6.86	8.09	6.40
FL1		Sm³	12	10	12,176	14,254	14,384	13,959	14,161	13,858	12,308	15,362	11,767	15,302	13,729	13,757	15,116	14,517	13,371	15,072
TMP		℃	0	1	179.37	179.40	179.22	178.80	178.60	178.94	178.66	177.79	179.36	180.03	179.52	178.94	179.04	179.65	179.05	178.76
TM1		℃	0	1	1,089.17	1,074.67	1,101.47	1,074.96	1,074.55	1,080.33	1,013.29	1,102.93	1,049.53	1,115.05	1,062.47	1,037.69	1,083.60	1,090.33	1,022.05	1,111.99
TM3		℃	0	1	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	36.43

3월 6일 굴뚝별 트랜드

					03-06 00:00	03-06 00:30	03-06 01:00	03-06 01:30	03-06 02:00	03-06 02:30	03-06 03:00	03-06 03:30	03-06 04:00	03-06 04:30	03-06 05:00	03-06 05:30	03-06 06:00	03-06 06:30	03-06 07:00	03-06 07:30
TSP	20	mg/Sm³	12	1	0.59	0.44	0.50	0.54	0.47	0.47	0.58	0.50	0.60	0.49	0.44	0.48	0.56	0.45	0.55	0.52
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.02	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	32.30	25.96	17.92	17.60	17.97	18.84	13.12	16.67	23.41	14.01	20.97	16.00	11.20	19.79	13.06	15.16
HCl	15	ppm	12	1	1.63	1.12	1.42	0.87	1.48	1.52	1.51	0.06	0.95	1.84	0.10	0.85	0.49	0.22	1.63	0.34
CO	50	ppm	12	1	0.23	0.40	0.22	0.46	0.29	7.69	0.72	0.58	0.34	0.34	0.19	0.19	0.62	0.13	0.32	0.31
O_2		%	0	0.1	8.66	5.67	7.42	8.44	6.73	6.63	9.45	7.70	9.28	7.28	5.52	6.60	9.15	6.08	8.39	7.61
FL1		Sm³	12	10	12,840	15,784	13,770	12,939	14,679	14,884	11,545	13,564	12,264	14,222	15,952	14,281	11,505	15,240	12,921	13,877
TMP		℃	0	1	179.87	180.00	179.61	178.41	178.05	179.14	178.28	175.50	176.37	179.68	179.66	179.20	177.32	175.80	177.76	178.36
TM1		℃	0	1	1,126.96	1,144.75	1,089.89	1,020.41	1,075.86	1,076.01	980.09	1,012.04	1,074.57	1,032.34	1,104.33	1,102.89	999.55	1,107.83	1,028.51	1,042.03
TM3		℃	0	1	36.44	36.44	36.44	36.44	36.44	36.43	36.44	36.44	36.44	36.44	36.42	36.42	36.44	36.44	36.44	36.44

					03-06 08:00	03-06 08:30	03-06 09:00	03-06 09:30	03-06 10:00	03-06 10:30	03-06 11:00	03-06 11:30	03-06 12:00	03-06 12:30	03-06 13:00	03-06 13:30	03-06 14:00	03-06 14:30	03-06 15:00	03-06 15:30
TSP	20	mg/Sm³	12	1	0.65	0.49	0.52	0.49	0.50	0.50	0.50	0.50	0.65	0.49	0.51	0.52	0.51	0.51	0.47	0.49
SOx	30	ppm	12	1	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.59	0.00	0.00	0.00	0.01	0.00
NOx	70	ppm	12	1	25.93	22.07	19.24	25.32	20.71	25.07	27.01	19.40	30.30	24.53	19.83	24.34	22.96	23.36	31.29	24.46
HCl	15	ppm	12	1	0.59	1.08	0.67	0.14	0.63	0.72	0.82	1.35	2.36	4.28	5.00	3.02	5.10	1.89	2.63	2.64
CO	50	ppm	12	1	0.35	0.19	0.26	0.18	0.27	0.18	0.21	0.25	0.34	0.35	0.36	0.37	0.29	0.42	0.17	0.31
O_2		%	0	0.1	9.96	7.29	7.91	7.42	7.71	7.69	7.64	7.63	10.76	7.22	7.79	8.05	8.05	8.09	7.15	7.75
FL1		Sm³	12	10	11,429	13,938	13,246	13,922	13,569	13,602	13,651	13,501	10,714	14,204	13,398	13,234	12,903	13,013	13,947	13,501
TMP		℃	0	1	178.44	178.90	178.74	177.61	178.04	178.57	178.66	178.76	178.82	178.42	178.31	178.14	177.88	177.29	177.88	178.66
TM1		℃	0	1	1,072.59	1,085.79	1,070.55	1,073.71	1,058.43	1,059.37	1,081.05	1,065.72	1,062.98	1,058.68	1,051.27	1,042.89	1,062.86	1,056.69	1,089.35	1,067.98
TM3		℃	0	1	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	36.45	36.45

					03-06 16:00	03-06 16:30	03-06 17:00	03-06 17:30	03-06 18:00	03-06 18:30	03-06 19:00	03-06 19:30	03-06 20:00	03-06 20:30	03-06 21:00	03-06 21:30	03-06 22:00	03-06 22:30	03-06 23:00	03-06 23:30
TSP	20	mg/Sm³	12	1	0.64	0.47	0.53	0.51	0.43	0.52	0.47	0.48	0.63	0.51	0.51	0.53	0.51	0.60	0.48	0.48
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	7.56	1.57	1.22	4.01	0.00	0.02	1.79	0.00	0.74	0.00	0.00	0.24
NOx	70	ppm	12	1	26.01	26.04	24.94	24.43	27.35	16.65	25.36	28.78	24.71	24.28	21.70	23.53	25.48	18.15	28.31	23.12
HCl	15	ppm	12	1	1.96	1.30	1.03	1.50	3.30	8.39	2.03	7.33	3.63	1.76	4.69	2.85	2.64	4.20	1.68	2.86
CO	50	ppm	12	1	0.46	0.26	0.42	0.35	11.69	0.40	0.22	0.11	0.33	0.34	0.28	0.37	0.31	0.56	0.39	0.32
O_2		%	0	0.1	11.00	7.04	8.53	7.92	5.54	8.17	6.56	6.69	11.07	7.63	7.48	8.09	7.49	9.60	7.14	6.52
FL1		Sm³	12	10	10,695	14,184	12,542	13,201	16,249	13,012	15,083	14,694	11,350	13,684	13,963	13,221	13,586	11,226	14,400	14,970
TMP		℃	0	1	178.60	178.46	177.89	177.81	179.23	178.98	178.55	179.35	178.79	178.60	179.00	179.18	178.70	177.94	177.73	179.08
TM1		℃	0	1	1,044.71	1,068.73	1,033.50	1,058.43	1,111.77	1,054.22	1,099.69	1,127.30	1,044.39	1,058.17	1,075.44	1,057.15	1,070.66	1,030.19	1,082.51	1,097.15
TM3		℃	0	1	36.45	36.45	36.45	36.46	36.47	36.46	36.46	36.47	36.46	36.47	36.47	36.46	36.47	36.46	36.47	36.47

3월 7일 굴뚝별 트랜드

					03-07 00:00	03-07 00:30	03-07 01:00	03-07 01:30	03-07 02:00	03-07 02:30	03-07 03:00	03-07 03:30	03-07 04:00	03-07 04:30	03-07 05:00	03-07 05:30	03-07 06:00	03-07 06:30	03-07 07:00	03-07 07:30
TSP	20	mg/Sm³	12	1	0.69	0.59	0.49	0.59	0.51	0.52	0.50	0.53	0.63	0.56	0.51	0.53	0.51	0.50	0.48	0.55
SOx	30	ppm	12	1	0.00	1.57	0.18	0.00	0.00	0.00	0.83	0.00	0.00	0.00	0.08	0.00	0.00	0.00	1.20	0.00
NOx	70	ppm	12	1	22.96	21.24	17.51	13.80	22.89	18.50	24.75	19.63	27.92	16.85	23.37	17.73	18.49	18.11	24.67	16.24
HCl	15	ppm	12	1	4.74	7.57	4.52	1.17	0.23	1.37	3.43	3.24	1.48	1.24	0.75	1.07	0.83	0.53	1.84	1.12
CO	50	ppm	12	1	0.68	0.91	0.17	0.41	0.17	0.19	0.23	0.33	0.29	0.41	0.27	0.36	0.28	0.25	0.13	0.33
O_2		%	0	0.1	11.68	8.91	7.13	9.12	7.59	7.75	7.12	8.09	9.97	8.54	7.36	8.02	7.50	7.00	6.68	8.32
FL1		Sm³	12	10	10,698	13,080	14,006	11,844	13,602	13,337	14,465	13,246	11,986	12,591	14,126	13,345	13,696	14,333	14,707	12,783
TMP		℃	0	1	179.17	178.94	178.40	177.83	176.94	177.68	178.99	179.20	179.44	178.95	178.19	178.25	178.09	178.18	178.71	178.27
TM1		℃	0	1	1,021.17	995.30	1,074.67	1,025.80	1,068.57	1,073.10	1,086.27	1,060.43	1,088.23	1,034.47	1,058.75	1,027.86	1,046.57	1,063.90	1,110.55	1,037.27
TM3		℃	0	1	36.42	36.42	36.41	36.41	36.41	36.40	36.40	36.40	36.41	36.40	36.40	36.40	36.40	36.40	36.40	36.40

					03-07 08:00	03-07 08:30	03-07 09:00	03-07 09:30	03-07 10:00	03-07 10:30	03-07 11:00	03-07 11:30	03-07 12:00	03-07 12:30	03-07 13:00	03-07 13:30	03-07 14:00	03-07 14:30	03-07 15:00	03-07 15:30
TSP	20	mg/Sm³	12	1	0.62	0.53	0.51	0.53	0.51	0.54	0.51	0.50	0.61	0.55	0.50	0.47	0.48	0.51	0.49	0.52
SOx	30	ppm	12	1	0.03	2.09	0.00	0.00	0.15	1.25	1.15	0.57	0.27	0.00	0.08	2.77	8.35	2.50	1.05	0.05
NOx	70	ppm	12	1	36.46	24.09	27.92	23.37	26.09	22.14	24.84	27.37	39.37	26.38	29.68	34.49	32.37	32.85	34.53	34.30
HCl	15	ppm	12	1	0.63	1.86	0.68	0.99	0.89	4.29	6.84	3.41	2.57	2.40	1.76	5.88	9.66	13.39	6.70	7.64
CO	50	ppm	12	1	0.41	14.16	0.25	0.31	0.31	0.52	0.25	0.12	0.16	0.28	0.18	0.12	10.09	0.30	0.28	0.36
O_2		%	0	0.1	9.09	7.74	7.49	8.18	7.63	8.28	7.52	7.78	9.38	8.64	7.66	7.09	6.92	7.84	7.29	7.91
FL1		Sm³	12	10	12,392	13,342	13,812	12,868	13,338	12,900	13,534	13,396	11,973	12,487	13,539	14,046	14,260	13,232	14,018	13,309
TMP		℃	0	1	178.51	178.73	178.88	178.74	178.39	178.74	178.34	178.40	178.87	178.91	178.77	178.90	179.25	178.40	178.17	178.75
TM1		℃	0	1	1,115.48	1,093.91	1,074.23	1,063.83	1,077.07	1,055.43	1,091.66	1,105.73	1,127.12	1,064.07	1,093.23	1,130.54	1,132.61	1,093.57	1,094.11	1,087.60
TM3		℃	0	1	36.41	36.42	36.43	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

					03-07 16:00	03-07 16:30	03-07 17:00	03-07 17:30	03-07 18:00	03-07 18:30	03-07 19:00	03-07 19:30	03-07 20:00	03-07 20:30	03-07 21:00	03-07 21:30	03-07 22:00	03-07 22:30	03-07 23:00	03-07 23:30
TSP	20	mg/Sm³	12	1	0.64	0.53	0.49	0.53	0.51	0.51	0.51	0.58	0.66	0.49	0.51	0.44	0.44	0.50	0.45	0.49
SOx	30	ppm	12	1	0.31	0.00	0.02	0.00	0.00	0.00	1.92	3.82	0.00	0.00	0.00	0.07	0.25	1.11	5.09	0.00
NOx	70	ppm	12	1	42.31	27.07	23.30	22.76	17.33	15.49	17.59	16.54	20.98	21.17	13.46	27.04	27.06	22.89	25.34	26.77
HCl	15	ppm	12	1	3.62	2.15	1.45	1.18	1.75	1.69	3.08	10.19	2.44	0.50	0.87	0.48	2.22	3.47	6.11	2.96
CO	50	ppm	12	1	0.42	0.37	0.34	0.55	0.60	0.69	0.48	0.99	0.87	0.44	0.57	0.26	0.26	0.33	15.54	0.35
O_2		%	0	0.1	11.32	8.42	7.26	8.40	8.06	7.85	7.58	8.67	10.44	6.57	7.58	5.44	5.06	7.01	5.83	7.05
FL1		Sm³	12	10	10,819	12,605	13,600	12,595	13,170	13,449	14,399	13,525	12,007	15,753	13,825	16,193	16,650	14,617	15,882	14,415
TMP		℃	0	1	179.14	179.01	178.54	178.30	179.34	179.79	180.21	182.11	180.76	180.58	180.35	179.83	181.69	182.01	181.43	180.46
TM1		℃	0	1	1,060.38	1,058.51	1,072.44	1,037.23	1,012.32	991.85	1,015.15	1,016.85	1,005.05	1,069.02	1,022.39	1,113.27	1,147.33	1,090.65	1,126.99	1,080.11
TM3		℃	0	1	36.45	36.45	36.46	36.47	36.46	36.46	36.46	36.46	36.47	36.46	36.47	36.47	36.47	36.47	36.47	36.46