4월 5일 굴뚝별 트렌드

					04-05 00:00	04-05 00:30	04-05 01:00	04-05 01:30	04-05 02:00	04-05 02:30	04-05 03:00	04-05 03:30	04-05 04:00	04-05 04:30	04-05 05:00	04-05 05:30	04-05 06:00	04-05 06:30	04-05 07:00	04-05 07:30
TSP	20	mg/Sm³	12	1	0.78	0.63	0.64	0.65	0.64	0.63	0.71	0.66	0.74	0.71	0.60	0.65	0.62	0.59	0.57	0.58
SOx	30	ppm	12	1	0.02	0.42	1.46	2.54	0.00	0.00	0.00	0.00	1.80	0.00	2.55	0.16	3.42	1.96	5.34	0.18
NOx	70	ppm	12	1	35.07	20.12	25.42	27.33	23.18	26.42	21.85	27.46	34.08	24.99	21.14	21.77	25.32	24.20	17.05	16.11
HCl	15	ppm	12	1	6.16	5.00	4.13	6.17	5.79	4.35	4.23	0.80	2.30	2.28	0.91	1.45	2.66	2.83	4.36	2.91
CO	50	ppm	12	1	1.14	0.91	0.88	1.93	0.91	0.81	1.17	1.32	1.05	1.63	29.99	0.97	0.81	0.85	19.90	18.39
O_2		%	0	0.1	9.87	7.57	7.44	7.69	7.90	7.64	8.87	8.28	9.08	9.32	7.01	7.92	7.30	6.52	6.63	6.75
FL1		Sm³	12	10	11,894	13,855	14,152	13,873	13,600	13,866	12,443	12,934	11,987	11,741	14,543	13,544	14,230	14,841	14,029	14,161
TMP		℃	0	1	187.28	187.29	187.15	187.16	187.20	187.20	186.87	185.95	185.69	185.48	185.55	186.21	186.80	187.38	186.96	186.73
TM1		℃	0	1	1,009.43	1,006.42	1,005.39	1,006.30	992.22	1,001.90	964.05	954.11	1,026.67	937.85	1,020.40	999.85	1,025.25	1,048.65	1,040.53	1,027.35
IRS		℃	0	1	36.46	36.45	36.45	36.46	36.47	36.46	36.46	36.47	36.46	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					04-05 08:00	04-05 08:30	04-05 09:00	04-05 09:30	04-05 10:00	04-05 10:30	04-05 11:00	04-05 11:30	04-05 12:00	04-05 12:30	04-05 13:00	04-05 13:30	04-05 14:00	04-05 14:30	04-05 15:00	04-05 15:30
TSP	20	mg/Sm³	12	1	0.73	0.56	0.53	0.58	0.53	0.52	0.53	0.55	0.71	0.54	0.55	0.52	0.54	0.56	0.53	0.55
SOx	30	ppm	12	1	0.00	0.47	3.17	0.00	0.00	0.00	0.26	0.11	0.03	0.10	0.08	0.12	0.00	6.54	5.09	0.40
NOx	70	ppm	12	1	15.66	18.29	16.90	14.52	18.40	19.97	13.11	14.29	18.89	12.72	9.69	12.39	11.87	17.76	22.31	22.60
HCl	15	ppm	12	1	3.43	2.81	3.81	4.02	1.21	1.37	2.23	3.99	3.68	1.29	1.30	0.39	0.83	0.84	4.05	3.94
CO	50	ppm	12	1	15.97	18.95	50.08	3.88	15.75	13.97	39.00	33.67	30.25	47.24	26.79	42.97	50.60	21.17	8.05	6.73
O_2		%	0	0.1	8.55	6.37	5.84	7.24	6.02	6.07	6.14	6.50	8.69	6.09	6.53	5.71	6.19	5.80	5.40	6.12
FL1		Sm³	12	10	12,048	14,534	14,947	13,157	14,672	14,738	14,796	14,431	11,917	14,832	14,287	15,223	14,819	15,832	16,330	15,462
TMP		℃	0	1	187.10	187.49	187.65	187.14	186.99	187.58	188.04	188.28	188.64	188.57	188.74	188.90	189.01	189.89	190.28	190.29
TM1		℃	0	1	1,018.34	1,021.29	1,054.65	1,007.55	1,064.25	1,051.17	1,020.78	1,025.85	1,036.58	1,027.59	1,009.95	1,018.28	1,010.37	1,037.07	1,069.49	1,051.69
IRS		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					04-05 16:00	04-05 16:30	04-05 17:00	04-05 17:30	04-05 18:00	04-05 18:30	04-05 19:00	04-05 19:30	04-05 20:00	04-05 20:30	04-05 21:00	04-05 21:30	04-05 22:00	04-05 22:30	04-05 23:00	04-05 23:30
TSP	20	mg/Sm³	12	1	0.71	0.54	0.64	0.54	0.51	0.57	0.56	0.56	0.70	0.58	0.53	0.53	0.56	0.53	0.56	0.58
SOx	30	ppm	12	1	8.42	0.64	2.63	0.00	5.79	1.67	0.00	0.00	1.65	0.00	0.36	0.57	0.56	0.02	1.31	0.00
NOx	70	ppm	12	1	34.85	28.30	21.03	16.50	21.60	28.24	26.90	25.46	31.80	25.99	28.66	27.04	21.88	28.43	22.71	19.52
HCl	15	ppm	12	1	6.39	3.78	8.11	2.14	2.02	5.09	3.41	1.73	2.30	1.33	1.10	2.60	3.89	2.02	1.84	1.56
CO	50	ppm	12	1	28.28	0.52	1.53	28.25	47.33	6.65	0.89	1.90	37.04	0.74	18.29	1.29	4.26	12.10	43.57	3.80
O_2		%	0	0.1	8.01	6.03	8.00	6.66	5.69	6.74	6.77	6.69	7.63	7.18	5.94	6.14	6.76	5.71	6.15	7.38
FL1		Sm³	12	10	13,272	15,539	12,849	13,786	15,176	14,739	14,416	14,460	12,332	13,884	15,203	15,081	14,330	15,450	14,909	12,807
TMP		℃	0	1	190.06	190.73	190.61	188.22	187.28	188.94	189.28	188.77	188.44	188.43	188.04	187.96	187.82	187.57	187.50	186.08
TM1		℃	0	1	1,080.69	1,066.45	1,002.99	1,026.47	1,075.21	1,045.19	1,028.88	1,002.87	1,079.34	997.13	1,040.87	1,041.65	1,008.54	1,054.39	1,023.63	972.24
IRS		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

4월 6일 굴뚝별 트렌드

					04-06	04-06	04-06	04-06	04-06	04-06	04-06	04-06	04-06	04-06	04-06	04-06	04-06	04-06	04-06
					00:00	00:30	01:00	01:30	02:00	02:30	03:00	03:30	04:00	04:30	05:00	05:30	06:00	06:30	07:00	07:30
TSP	20	mg/Sm³	12	1	0.70	0.58	0.62	0.58	0.62	0.59	0.59	0.56	0.76	0.61	0.60	0.54	0.54	0.57	0.55	0.54
SOx	30	ppm	12	1	0.02	0.00	0.00	5.55	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.16	0.42
NOx	70	ppm	12	1	30.16	26.76	26.20	20.23	16.20	12.17	16.26	18.23	18.10	14.73	15.35	17.44	17.21	15.91	14.17	20.04
HCl	15	ppm	12	1	0.62	0.01	0.63	1.22	1.81	0.02	0.00	0.00	0.46	0.00	0.00	0.00	0.00	0.00	0.18	0.28
CO	50	ppm	12	1	37.37	0.90	4.66	57.04	11.41	26.01	24.48	0.77	1.33	1.03	24.03	20.84	19.38	1.90	52.24	28.80
O_2		%	0	0.1	8.60	6.86	7.34	5.85	7.97	7.26	7.27	6.47	10.33	7.71	7.11	6.11	6.11	6.67	5.77	5.69
FL1		Sm³	12	10	11,592	14,712	14,285	15,930	12,529	13,239	13,389	14,220	10,974	12,839	13,788	14,595	14,585	14,244	15,409	15,480
TMP		℃	0	1	185.53	186.13	187.18	187.67	186.78	185.21	183.86	184.16	184.57	184.28	184.40	184.72	184.89	184.68	185.69	186.64
TM1		℃	0	1	1,032.81	1,015.01	994.93	1,011.87	951.30	961.20	987.45	1,037.86	982.99	980.28	963.87	1,021.87	1,044.03	1,041.91	1,053.57	1,065.63
IRS		℃	0	1	36.46	36.46	36.46	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					04-06	04-06	04-06	04-06	04-06	04-06	04-06	04-06	04-06	04-06	04-06	04-06	04-06	04-06	04-06	04-06
					08:00	08:30	09:00	09:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30
TSP	20	mg/Sm³	12	1	0.73	0.56	0.55	0.57	0.56	0.58	0.56	0.56	0.70	0.54	0.55	0.54	0.52	0.52	0.53	0.54
SOx	30	ppm	12	1	1.09	0.20	1.52	0.67	0.42	0.64	1.98	2.52	0.00	0.02	0.00	0.03	0.00	0.16	0.00	0.00
NOx	70	ppm	12	1	16.50	18.14	16.67	22.76	19.45	13.66	18.09	18.34	20.39	15.86	14.52	17.32	16.79	19.07	19.47	16.30
HCl	15	ppm	12	1	1.08	0.54	2.28	3.01	4.91	5.98	6.27	8.06	5.35	1.63	0.98	0.62	0.68	0.50	0.84	0.61
CO	50	ppm	12	1	79.15	4.47	24.90	13.33	20.89	2.90	9.59	15.91	1.91	6.09	0.92	13.12	15.59	28.77	4.75	13.15
O_2		%	0	0.1	9.11	6.30	6.04	6.44	6.72	7.20	6.80	6.67	9.05	6.74	7.13	6.54	6.36	5.87	6.67	6.79
FL1		Sm³	12	10	11,994	14,930	15,088	14,722	14,139	13,513	13,949	13,937	11,351	13,702	13,327	14,048	14,202	15,028	14,056	13,837
TMP		℃	0	1	186.48	186.80	187.49	188.14	187.78	187.27	187.01	187.30	187.07	186.86	186.94	187.22	187.38	188.05	188.39	188.15
TM1		℃	0	1	1,012.43	1,053.91	1,051.83	1,032.07	1,010.71	997.40	1,002.29	1,023.07	1,039.27	1,032.85	1,022.69	1,032.23	1,041.41	1,048.88	1,013.01	1,010.21
IRS		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					04-06	04-06	04-06	04-06	04-06	04-06	04-06	04-06	04-06	04-06	04-06	04-06	04-06	04-06	04-06	04-06
					16:00	16:30	17:00	17:30	18:00	18:30	19:00	19:30	20:00	20:30	21:00	21:30	22:00	22:30	23:00	23:30
TSP	20	mg/Sm³	12	1	0.72	0.56	0.60	0.53	0.54	0.61	0.59	0.54	0.69	0.52	0.57	0.56	0.51	0.55	0.57	0.60
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	2.03	2.40	0.31	0.00	2.14	3.62	0.40	0.51	2.59	0.63	0.92	0.53
NOx	70	ppm	12	1	18.03	15.02	14.41	18.84	16.40	18.54	23.05	17.36	25.14	20.95	16.71	17.60	16.87	16.85	16.80	15.50
HCl	15	ppm	12	1	1.00	0.05	0.05	0.08	1.15	1.56	2.60	1.57	2.04	2.46	1.99	1.34	1.67	0.80	1.13	0.89
CO	50	ppm	12	1	1.49	3.22	2.28	3.44	32.52	1.31	1.42	15.53	47.79	33.98	35.50	16.74	40.48	40.31	24.83	8.36
O_2		%	0	0.1	10.18	7.03	8.15	6.34	6.52	7.66	7.38	6.64	7.83	5.70	6.77	6.34	5.28	6.17	6.92	7.26
FL1		Sm³	12	10	10,829	13,825	12,574	14,539	14,268	13,646	13,596	13,919	12,296	15,082	13,942	14,831	15,716	15,046	14,053	14,068
TMP		℃	0	1	187.95	188.43	188.16	188.10	188.45	188.37	188.83	188.27	187.95	188.50	187.83	187.79	188.25	188.31	187.92	187.94
TM1		℃	0	1	960.54	965.92	914.51	1,003.98	1,006.18	973.71	993.17	997.43	1,053.88	1,063.83	1,017.73	1,022.22	1,045.17	1,027.97	1,005.89	999.71
IRS		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

4월 7일 굴뚝별 트렌드

					04-07 00:00	04-07 00:30	04-07 01:00	04-07 01:30	04-07 02:00	04-07 02:30	04-07 03:00	04-07 03:30	04-07 04:00	04-07 04:30	04-07 05:00	04-07 05:30	04-07 06:00	04-07 06:30	04-07 07:00	04-07 07:30
TSP	20	mg/Sm³	12	1	0.74	0.55	0.57	0.57	0.55	0.57	0.54	0.57	0.76	0.59	0.59	0.56	0.62	0.62	0.55	0.65
SOx	30	ppm	12	1	1.97	0.87	0.14	0.30	0.25	0.28	0.94	0.00	1.95	0.00	0.02	0.44	4.90	6.11	8.62	3.21
NOx	70	ppm	12	1	26.36	14.96	11.66	14.74	16.14	12.44	14.55	16.43	22.15	14.26	14.56	16.49	16.57	17.04	22.10	13.34
HCl	15	ppm	12	1	2.87	3.62	1.03	0.72	0.98	0.92	0.67	1.47	2.81	1.37	0.64	0.82	3.74	7.89	5.65	12.74
CO	50	ppm	12	1	25.58	2.82	16.78	24.30	5.73	27.74	42.20	10.05	20.96	2.49	21.44	26.86	27.27	31.41	28.52	16.31
O_2		%	0	0.1	8.48	6.65	6.95	7.03	6.32	6.86	5.93	6.86	8.48	7.27	7.35	6.60	6.79	7.12	5.77	8.63
FL1		Sm³	12	10	12,915	13,964	13,415	13,728	14,713	14,059	15,026	14,141	12,761	13,886	13,671	14,490	14,575	13,820	15,160	11,928
TMP		℃	0	1	188.63	188.11	186.53	186.25	187.28	187.18	186.98	187.31	187.85	187.81	186.94	186.80	187.39	187.62	187.01	186.86
TM1		℃	0	1	1,045.10	1,028.43	1,038.91	1,023.37	1,038.77	1,021.23	1,046.02	1,017.75	1,054.30	1,006.03	998.35	1,031.18	1,033.63	1,023.64	1,074.98	962.15
IRS		℃	0	1	36.47	36.47	36.47	36.47	36.46	36.46	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					04-07 08:00	04-07 08:30	04-07 09:00	04-07 09:30	04-07 10:00	04-07 10:30	04-07 11:00	04-07 11:30	04-07 12:00	04-07 12:30	04-07 13:00	04-07 13:30	04-07 14:00	04-07 14:30	04-07 15:00	04-07 15:30
TSP	20	mg/Sm³	12	1	0.72	0.58	0.58	0.57	0.54	0.64	0.55	0.61	0.70	0.59	0.52	0.57	0.58	0.57	0.60	0.55
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.88	0.14	0.00	0.00	0.00	0.00	0.47	0.36	0.00	0.00	0.00	0.28
NOx	70	ppm	12	1	24.25	15.94	20.12	23.94	20.67	15.19	18.31	16.47	27.31	14.55	21.02	18.31	18.88	19.97	21.40	22.43
HCl	15	ppm	12	1	3.50	1.00	0.53	0.69	1.12	2.17	0.16	0.59	0.93	1.61	0.26	1.04	0.36	0.55	1.51	1.27
CO	50	ppm	12	1	24.78	1.51	1.31	0.80	38.15	4.41	3.31	2.47	16.43	1.38	18.73	22.60	7.52	2.88	1.29	8.56
O_2		%	0	0.1	9.03	7.29	7.35	7.03	6.21	8.70	6.81	8.13	8.57	7.59	6.02	7.01	7.14	7.00	7.94	6.87
FL1		Sm³	12	10	11,625	13,605	13,623	13,981	14,815	11,988	14,007	12,458	12,180	13,220	14,988	13,871	13,952	14,033	12,874	14,041
TMP		℃	0	1	186.26	186.22	186.54	186.59	186.70	186.46	185.86	185.59	186.20	186.68	186.65	186.86	186.83	187.03	186.85	186.64
TM1		℃	0	1	1,031.51	1,009.41	1,012.73	1,030.59	1,054.93	954.80	1,023.47	977.38	1,064.73	997.01	1,057.35	1,029.77	997.79	1,001.11	973.69	1,006.80
IRS		℃	0	1	36.46	36.45	36.45	36.44	36.45	36.46	36.46	36.46	36.46	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					04-07 16:00	04-07 16:30	04-07 17:00	04-07 17:30	04-07 18:00	04-07 18:30	04-07 19:00	04-07 19:30	04-07 20:00	04-07 20:30	04-07 21:00	04-07 21:30	04-07 22:00	04-07 22:30	04-07 23:00	04-07 23:30
TSP	20	mg/Sm³	12	1	0.72	0.60	0.54	0.54	0.52	0.58	0.56	0.59	0.73	0.57	0.56	0.58	0.54	0.59	0.55	0.56
SOx	30	ppm	12	1	2.20	0.00	0.06	0.79	1.57	0.59	0.00	0.00	0.12	0.24	0.59	0.45	3.67	0.00	2.65	0.85
NOx	70	ppm	12	1	22.57	20.85	18.79	16.48	21.89	15.18	20.11	17.67	23.47	15.68	17.94	16.14	16.50	17.55	17.82	21.19
HCl	15	ppm	12	1	2.44	1.82	0.74	2.13	1.60	1.90	1.02	2.04	2.92	1.80	0.69	1.60	1.37	2.38	1.79	2.07
CO	50	ppm	12	1	26.00	1.37	18.68	8.85	17.35	13.87	4.44	8.14	51.01	14.06	23.67	7.18	33.28	1.23	20.05	11.76
O_2		%	0	0.1	9.40	7.78	6.16	6.25	5.83	7.27	6.72	7.27	9.59	7.25	6.46	6.90	5.93	7.31	6.27	6.30
FL1		Sm³	12	10	11,353	13,168	15,217	14,933	15,356	13,870	14,577	13,797	11,215	13,562	14,610	14,102	15,170	13,709	14,813	14,944
TMP		℃	0	1	186.96	187.03	187.13	187.66	187.59	187.43	187.49	187.22	186.88	186.49	186.21	186.51	186.57	186.52	186.55	186.94
TM1		℃	0	1	1,005.21	965.60	1,019.45	1,026.22	1,063.13	999.91	1,013.84	991.27	1,016.74	1,005.57	1,036.33	1,035.04	1,062.73	1,016.66	1,050.53	1,048.33
IRS		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.46	36.47