1월 5일 굴뚝별 트랜드

					01-05 00:00	01-05 00:30	01-05 01:00	01-05 01:30	01-05 02:00	01-05 02:30	01-05 03:00	01-05 03:30	01-05 04:00	01-05 04:30	01-05 05:00	01-05 05:30	01-05 06:00	01-05 06:30	01-05 07:00	01-05 07:30
TSP	20	mg/Sm³	12	1	0.88	0.78	0.69	0.71	0.72	0.71	0.72	0.72	0.92	0.72	0.66	0.71	0.70	0.65	0.63	0.71
SOx	30	ppm	12	1	1.98	6.22	1.98	1.16	0.08	0.67	0.48	0.96	2.64	8.10	7.70	0.02	0.00	0.04	0.12	0.01
NOx	70	ppm	12	1	25.59	17.36	23.71	20.10	22.23	24.67	25.58	19.74	26.64	16.25	23.41	17.34	22.63	23.28	24.17	21.47
HCl	15	ppm	12	1	7.54	1.76	0.00	0.00	0.00	0.00	0.00	0.00	5.73	5.23	9.97	11.99	3.38	1.20	0.36	1.39
CO	50	ppm	12	1	0.56	18.73	0.28	1.05	0.35	0.25	0.34	1.79	0.78	0.69	8.49	4.77	0.50	0.41	0.23	0.49
O_2		%	0	0.1	9.89	7.97	7.18	7.54	7.74	7.16	7.34	7.36	10.06	7.53	6.49	7.85	7.52	6.56	5.84	7.70
FL1		Sm³	12	10	12,083	13,873	14,307	13,867	14,043	14,686	14,563	14,544	11,627	13,857	14,470	12,977	13,702	14,836	15,544	13,641
TMP		℃	0	1	187.22	187.21	186.50	186.93	187.05	187.31	187.55	187.70	187.93	187.67	185.90	184.52	184.11	185.12	186.40	186.15
TM1		℃	0	1	1,055.71	1,015.75	1,077.20	1,064.40	1,056.05	1,064.75	1,057.85	1,041.39	1,051.49	1,031.50	1,077.39	1,041.80	1,061.44	1,074.83	1,105.08	1,050.04
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.48	36.47	36.47	36.47	36.48	36.47	36.47	36.47

					01-05 08:00	01-05 08:30	01-05 09:00	01-05 09:30	01-05 10:00	01-05 10:30	01-05 11:00	01-05 11:30	01-05 12:00	01-05 12:30	01-05 13:00	01-05 13:30	01-05 14:00	01-05 14:30	01-05 15:00	01-05 15:30
TSP	20	mg/Sm³	12	1	0.91	0.66	0.76	0.71	0.64	0.67	0.71	0.66	5.13	3.94	3.90	4.13	3.87	4.20	3.62	3.94
SOx	30	ppm	12	1	0.11	1.85	0.00	2.60	0.51	0.00	0.00	0.00	0.26	4.77	7.53	3.36	1.68	0.00	2.82	0.33
NOx	70	ppm	12	1	30.34	19.99	15.95	17.94	19.89	20.32	14.61	19.69	28.77	19.95	24.38	22.13	24.89	16.52	27.93	21.05
HCl	15	ppm	12	1	5.40	0.41	0.19	0.53	1.15	0.61	0.52	0.26	4.07	0.48	0.85	3.11	1.62	2.14	1.26	2.90
CO	50	ppm	12	1	0.54	14.15	0.65	0.77	0.18	0.31	0.61	0.32	0.30	13.46	0.22	0.54	0.30	0.62	2.14	1.02
O_2		%	0	0.1	10.16	6.65	8.54	7.28	6.41	7.03	7.69	6.60	9.11	6.76	6.93	7.66	6.85	7.86	5.68	6.96
FL1		Sm³	12	10	10,764	14,545	12,403	13,840	14,927	14,164	13,416	14,377	12,174	14,253	14,203	13,565	14,545	13,482	15,860	13,964
TMP		℃	0	1	186.32	185.96	185.74	184.88	185.49	186.58	186.13	185.23	185.85	185.80	186.34	186.42	186.55	186.84	187.00	187.04
TM1		℃	0	1	1,076.48	1,084.61	1,025.11	1,049.26	1,088.04	1,060.63	1,020.07	1,066.77	1,095.59	1,087.85	1,093.79	1,058.76	1,074.09	1,018.53	1,106.33	1,091.50
TM3		℃	0	1	36.47	36.47	36.47	36.49	36.50	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51

					01-05 16:00	01-05 16:30	01-05 17:00	01-05 17:30	01-05 18:00	01-05 18:30	01-05 19:00	01-05 19:30	01-05 20:00	01-05 20:30	01-05 21:00	01-05 21:30	01-05 22:00	01-05 22:30	01-05 23:00	01-05 23:30
TSP	20	mg/Sm³	12	1	5.02	3.95	3.87	4.05	3.97	4.18	3.89	3.81	5.17	4.18	4.42	4.36	3.95	4.30	4.02	4.28
SOx	30	ppm	12	1	0.07	1.06	12.87	3.17	0.92	0.00	0.09	9.40	9.21	0.14	0.00	3.39	1.09	0.00	0.25	0.17
NOx	70	ppm	12	1	33.08	22.08	21.11	20.67	17.23	17.25	21.93	24.38	27.76	22.87	16.79	18.74	22.60	16.86	26.91	17.97
HCl	15	ppm	12	1	8.22	1.18	1.42	5.30	2.06	2.09	1.65	4.44	13.92	2.08	0.63	1.10	0.96	1.03	0.60	0.58
CO	50	ppm	12	1	0.25	0.27	6.48	0.54	0.53	0.65	0.58	0.42	0.64	0.42	0.68	0.64	0.24	0.52	0.27	0.53
O_2		%	0	0.1	10.14	6.96	6.76	7.50	7.28	8.07	7.08	6.78	10.56	7.77	8.53	8.28	6.98	8.14	7.28	8.13
FL1		Sm³	12	10	11,636	14,145	14,578	13,710	14,126	13,201	14,329	14,770	10,748	13,376	12,633	12,809	14,272	12,936	14,094	12,981
TMP		℃	0	1	186.14	186.02	186.32	186.61	186.97	186.69	186.83	186.72	186.98	185.86	185.35	184.74	184.44	184.92	185.11	185.36
TM1		℃	0	1	1,091.65	1,081.05	1,069.75	1,063.28	1,048.17	1,011.15	1,047.83	1,061.25	1,041.85	1,057.14	1,014.40	1,022.83	1,069.34	1,025.21	1,067.54	1,027.50
TM3		℃	0	1	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.49	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

1월 6일 굴뚝별 트랜드

					01-06 00:00	01-06 00:30	01-06 01:00	01-06 01:30	01-06 02:00	01-06 02:30	01-06 03:00	01-06 03:30	01-06 04:00	01-06 04:30	01-06 05:00	01-06 05:30	01-06 06:00	01-06 06:30	01-06 07:00	01-06 07:30
TSP	20	mg/Sm³	12	1	5.05	4.48	3.74	4.14	3.78	4.33	3.78	4.07	4.98	3.70	4.41	4.10	4.07	3.76	4.08	4.10
SOx	30	ppm	12	1	0.23	0.00	7.70	0.00	0.18	1.55	3.42	0.14	0.00	1.89	0.00	0.00	6.28	0.85	0.01	0.11
NOx	70	ppm	12	1	35.38	19.36	29.88	18.56	31.99	21.86	32.04	25.54	30.88	30.96	22.33	24.73	24.56	26.90	24.29	27.08
HCl	15	ppm	12	1	4.15	0.73	0.14	0.39	0.00	0.82	0.86	2.38	6.68	0.16	0.75	0.12	5.06	4.60	5.76	2.26
CO	50	ppm	12	1	0.44	0.98	4.07	0.71	0.21	0.77	0.34	0.59	0.72	0.20	0.73	0.72	0.59	0.36	0.42	0.42
O_2		%	0	0.1	9.84	8.94	6.31	7.86	6.74	8.42	6.63	7.64	10.20	6.57	8.88	7.93	7.79	6.79	7.80	7.77
FL1		Sm³	12	10	11,480	12,132	15,146	13,420	14,733	12,775	15,091	13,576	11,675	15,024	12,376	13,393	13,347	14,663	13,231	13,641
TMP		℃	0	1	184.85	184.83	184.66	185.38	185.58	185.64	185.28	185.59	185.87	186.09	185.87	184.53	183.20	183.77	184.53	184.89
TM1		℃	0	1	1,060.20	994.39	1,100.48	1,019.75	1,088.36	1,030.93	1,082.35	1,053.99	1,027.49	1,085.35	1,011.73	1,009.53	1,027.88	1,063.46	1,039.86	1,050.54
TM3		℃	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

					01-06 08:00	01-06 08:30	01-06 09:00	01-06 09:30	01-06 10:00	01-06 10:30	01-06 11:00	01-06 11:30	01-06 12:00	01-06 12:30	01-06 13:00	01-06 13:30	01-06 14:00	01-06 14:30	01-06 15:00	01-06 15:30
TSP	20	mg/Sm³	12	1	4.81	3.83	3.58	3.71	3.89	3.91	3.97	4.13	5.16	4.13	3.85	3.72	4.24	4.17	4.18	4.43
SOx	30	ppm	12	1	0.74	0.41	4.24	2.49	0.83	2.07	3.95	1.58	3.25	0.35	7.35	0.55	0.13	1.41	0.14	0.00
NOx	70	ppm	12	1	29.86	25.16	28.49	27.79	26.28	23.64	26.10	20.14	33.53	23.21	32.79	29.87	24.47	28.35	24.84	21.29
HCl	15	ppm	12	1	4.76	0.15	0.00	0.51	1.99	2.73	4.51	6.99	14.35	2.32	4.26	3.82	5.40	3.60	3.58	1.94
CO	50	ppm	12	1	0.41	0.36	0.20	0.20	0.23	0.23	0.26	0.47	0.35	0.44	0.13	0.10	0.21	0.17	0.41	0.49
O_2		%	0	0.1	9.51	7.01	6.00	6.28	7.00	7.00	7.22	7.81	10.26	7.72	6.76	6.20	7.94	7.82	7.70	8.63
FL1		Sm³	12	10	12,318	14,399	15,578	15,258	14,444	14,369	13,879	13,504	11,117	13,562	14,654	14,256	13,079	13,251	13,348	12,475
TMP		℃	0	1	185.26	185.42	185.52	186.25	186.35	186.44	185.97	185.91	186.17	186.20	186.35	186.09	184.79	185.05	184.64	185.20
TM1		℃	0	1	1,052.97	1,069.99	1,100.29	1,105.93	1,075.81	1,076.92	1,059.53	1,041.57	1,058.63	1,035.55	1,094.01	1,116.79	1,100.35	1,088.29	1,078.19	1,029.93
TM3		℃	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	36.48	36.49	36.50

					01-06 16:00	01-06 16:30	01-06 17:00	01-06 17:30	01-06 18:00	01-06 18:30	01-06 19:00	01-06 19:30	01-06 20:00	01-06 20:30	01-06 21:00	01-06 21:30	01-06 22:00	01-06 22:30	01-06 23:00	01-06 23:30
TSP	20	mg/Sm³	12	1	5.05	4.19	3.83	3.91	4.31	3.86	3.84	4.01	4.94	3.80	3.78	4.09	4.17	4.52	4.12	4.17
SOx	30	ppm	12	1	0.55	2.09	14.58	4.12	0.45	6.30	1.48	1.07	0.00	1.22	0.83	0.00	0.62	0.00	0.00	0.27
NOx	70	ppm	12	1	28.69	19.38	23.35	26.96	21.66	27.75	31.10	25.32	29.92	30.16	30.88	29.39	31.31	20.24	28.19	28.62
HCl	15	ppm	12	1	6.96	4.39	3.15	3.44	3.90	1.80	0.96	1.96	4.86	0.32	0.10	0.33	0.19	1.34	0.05	0.20
CO	50	ppm	12	1	0.57	0.29	0.34	0.25	0.29	7.36	0.15	0.27	0.37	0.19	0.11	0.22	0.25	0.57	0.17	0.21
O_2		%	0	0.1	10.18	7.80	6.60	6.73	7.98	6.63	6.66	7.25	9.83	6.45	6.47	7.57	7.79	8.76	7.73	7.74
FL1		Sm³	12	10	11,319	13,053	14,529	14,616	12,915	14,521	14,739	14,069	12,194	15,098	14,090	13,359	13,367	12,064	13,114	13,169
TMP		℃	0	1	185.23	185.34	185.39	186.13	185.68	185.43	185.79	185.96	185.59	185.77	185.52	184.19	184.59	183.80	183.45	183.53
TM1		℃	0	1	1,041.53	1,059.26	1,088.16	1,107.76	1,086.29	1,120.72	1,103.15	1,081.90	1,052.59	1,106.73	1,111.45	1,069.17	1,076.27	1,025.75	1,078.88	1,076.32
TM3		℃	0	1	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.49	36.50	36.48	36.47	36.48	36.48	36.49

1월 7일 굴뚝별 트랜드

					01-07 00:00	01-07 00:30	01-07 01:00	01-07 01:30	01-07 02:00	01-07 02:30	01-07 03:00	01-07 03:30	01-07 04:00	01-07 04:30	01-07 05:00	01-07 05:30	01-07 06:00	01-07 06:30	01-07 07:00	01-07 07:30
TSP	20	mg/Sm³	12	1	5.15	3.96	4.19	4.31	4.28	3.81	4.02	4.20	5.23	3.99	4.32	4.36	4.29	3.91	4.26	4.21
SOx	30	ppm	12	1	0.00	0.00	0.56	0.26	0.00	1.32	2.89	0.63	0.76	3.04	0.02	0.19	0.00	2.13	0.01	0.05
NOx	70	ppm	12	1	23.26	25.84	25.80	22.73	21.41	28.50	25.13	26.19	30.21	28.60	23.90	22.45	23.32	25.12	23.60	24.29
HCl	15	ppm	12	1	1.59	0.00	0.29	0.21	0.00	0.00	1.13	1.94	5.88	3.41	4.77	2.80	2.74	1.81	3.49	1.15
CO	50	ppm	12	1	0.31	0.13	0.37	0.47	0.17	0.10	0.14	0.21	0.25	0.11	0.19	0.43	0.34	0.27	0.34	0.28
O_2		%	0	0.1	10.75	7.36	7.65	8.08	8.17	6.65	7.29	7.84	10.89	7.25	8.29	8.26	8.32	6.90	8.08	7.95
FL1		Sm³	12	10	10,500	13,090	13,240	12,862	12,627	14,456	13,648	13,220	10,842	13,743	12,404	12,612	12,617	14,050	12,738	13,011
TMP		℃	0	1	183.20	181.90	181.98	182.38	183.10	183.70	184.32	184.09	184.23	184.56	184.28	183.41	182.72	182.66	183.02	183.40
TM1		℃	0	1	1,050.31	1,075.27	1,091.39	1,054.75	1,054.07	1,103.67	1,099.63	1,073.55	1,068.68	1,095.73	1,070.04	1,046.35	1,038.07	1,086.93	1,051.21	1,061.42
TM3		℃	0	1	36.50	36.50	36.50	36.50	36.50	36.50	36.50	36.49	36.50	36.51	36.51	36.51	36.50	36.49	36.48	36.48

					01-07 08:00	01-07 08:30	01-07 09:00	01-07 09:30	01-07 10:00	01-07 10:30	01-07 11:00	01-07 11:30	01-07 12:00	01-07 12:30	01-07 13:00	01-07 13:30	01-07 14:00	01-07 14:30	01-07 15:00	01-07 15:30
TSP	20	mg/Sm³	12	1	4.93	3.87	4.19	3.46	0.85	0.73	0.67	0.71	0.87	0.72	0.72	0.73	0.73	0.68	0.73	0.72
SOx	30	ppm	12	1	0.00	0.15	0.66	0.00	0.00	0.43	4.48	3.87	11.37	0.00	0.45	0.25	1.32	1.15	1.18	2.19
NOx	70	ppm	12	1	23.74	30.67	25.71	24.55	21.30	24.77	27.11	25.60	44.57	22.20	20.90	21.17	19.30	54.63	53.95	16.64
HCl	15	ppm	12	1	3.34	0.34	0.17	0.54	0.11	0.54	0.44	2.45	6.75	1.15	0.38	0.07	0.06	0.01	0.72	0.45
CO	50	ppm	12	1	0.56	0.44	0.48	0.29	0.50	0.39	0.32	0.25	0.12	0.20	0.32	0.37	0.40	0.05	0.08	1.77
O_2		%	0	0.1	10.00	7.00	7.15	8.04	8.38	8.12	7.28	7.87	9.60	8.14	7.80	8.05	8.44	7.34	8.24	7.92
FL1		Sm³	12	10	11,433	14,137	14,078	12,931	12,603	12,826	13,705	13,305	11,349	12,914	13,389	13,031	12,558	13,775	12,639	12,991
TMP		℃	0	1	184.32	184.85	185.12	184.47	183.49	182.25	181.78	182.94	184.50	184.80	184.08	183.92	184.27	184.46	184.54	184.71
TM1		℃	0	1	1,043.40	1,084.21	1,086.43	1,053.03	1,043.26	1,051.27	1,072.57	1,068.12	1,123.91	1,070.23	1,058.80	1,066.11	1,055.01	1,078.95	1,046.10	1,054.71
TM3		℃	0	1	36.49	36.48	36.47	36.48	36.48	36.50	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51

					01-07 16:00	01-07 16:30	01-07 17:00	01-07 17:30	01-07 18:00	01-07 18:30	01-07 19:00	01-07 19:30	01-07 20:00	01-07 20:30	01-07 21:00	01-07 21:30	01-07 22:00	01-07 22:30	01-07 23:00	01-07 23:30
TSP	20	mg/Sm³	12	1	0.81	0.65	0.69	0.68	0.68	0.67	0.69	0.70	0.85	0.72	0.70	0.72	0.71	0.71	0.66	0.70
SOx	30	ppm	12	1	1.12	0.42	1.38	0.16	0.83	0.80	0.00	0.01	0.00	0.00	0.11	0.00	0.06	0.16	0.95	0.00
NOx	70	ppm	12	1	21.84	25.38	21.74	23.12	26.07	21.53	24.67	23.88	30.28	20.59	26.97	17.76	14.44	14.31	19.71	19.42
HCl	15	ppm	12	1	1.11	0.07	0.71	0.29	0.02	0.22	0.38	0.00	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	1.32	0.16	0.40	0.32	0.33	0.30	0.27	0.31	0.29	0.47	0.30	0.39	0.64	14.51	0.36	0.41
O_2		%	0	0.1	9.09	6.54	7.42	7.42	7.21	7.12	7.54	7.56	9.99	8.00	7.45	7.88	7.71	7.90	6.95	7.57
FL1		Sm³	12	10	12,569	14,756	13,709	13,666	14,017	14,228	13,901	13,928	11,620	13,318	14,171	13,545	13,518	13,351	14,506	13,911
TMP		℃	0	1	184.19	184.82	185.93	185.25	185.18	185.53	185.59	185.40	185.22	185.02	185.18	185.54	185.53	183.93	183.72	184.73
TM1		℃	0	1	1,048.40	1,077.47	1,072.17	1,069.14	1,056.43	1,066.12	1,048.47	1,061.66	1,064.17	1,028.19	1,048.30	1,037.78	1,021.07	1,009.63	1,059.35	1,038.75
TM3		℃	0	1	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.50