4월 22일 굴뚝별 트랜드

					04-22 00:00	04-22 00:30	04-22 01:00	04-22 01:30	04-22 02:00	04-22 02:30	04-22 03:00	04-22 03:30	04-22 04:00	04-22 04:30	04-22 05:00	04-22 05:30	04-22 06:00	04-22 06:30	04-22 07:00	04-22 07:30
TSP	20	mg/Sm³	12	1	0.55	0.40	0.41	0.44	0.43	0.42	0.45	0.42	0.57	0.41	0.38	0.47	0.42	0.43	0.43	0.39
SOx	30	ppm	12	1	0.00	0.97	0.80	0.00	0.00	0.00	0.00	0.08	0.00	1.73	10.20	0.00	0.02	0.00	0.00	0.00
NOx	70	ppm	12	1	21.16	11.78	16.01	20.18	19.95	26.38	24.15	19.81	26.97	20.90	18.14	12.88	10.69	12.99	10.45	8.70
HCl	15	ppm	12	1	3.44	1.71	2.61	1.87	2.56	1.81	2.55	1.70	2.85	1.85	3.36	2.99	2.27	2.42	2.18	1.69
CO	50	ppm	12	1	0.95	8.13	1.77	0.60	1.26	0.63	0.54	10.99	0.59	34.89	54.04	1.22	0.95	0.68	0.61	2.74
O_2		%	0	0.1	10.34	6.24	6.22	7.29	6.70	6.12	7.41	6.35	9.84	5.85	4.53	8.04	6.38	6.78	6.72	5.49
FL1		Sm³	12	10	11,361	15,554	15,271	14,258	14,716	15,467	13,760	14,983	11,402	15,759	17,317	13,366	15,315	14,837	14,901	16,300
TMP		℃	0	1	184.13	183.69	184.85	184.58	184.38	184.22	183.86	183.60	183.28	183.57	184.47	184.02	183.65	183.91	184.25	184.57
TM1		℃	0	1	973.61	1,019.02	1,056.15	1,021.74	1,040.43	1,068.21	1,040.49	1,055.13	1,032.05	1,065.21	1,129.02	977.99	1,024.84	1,012.50	1,008.01	1,047.83
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

					04-22 08:00	04-22 08:30	04-22 09:00	04-22 09:30	04-22 10:00	04-22 10:30	04-22 11:00	04-22 11:30	04-22 12:00	04-22 12:30	04-22 13:00	04-22 13:30	04-22 14:00	04-22 14:30	04-22 15:00	04-22 15:30
TSP	20	mg/Sm³	12	1	0.53	0.43	0.40	0.43	0.44	0.44	0.43	0.41	0.56	0.39	0.38	0.40	0.43	0.39	0.39	0.40
SOx	30	ppm	12	1	0.75	0.00	0.79	3.61	0.00	0.00	0.00	0.41	0.00	0.00	0.00	0.11	0.00	0.21	0.00	0.00
NOx	70	ppm	12	1	10.44	9.29	17.58	15.48	15.05	17.96	19.49	18.63	23.20	20.21	18.14	23.45	18.07	20.43	21.40	26.50
HCl	15	ppm	12	1	2.70	1.34	1.47	5.60	2.75	2.44	2.21	2.38	4.01	2.26	3.35	3.87	4.53	5.10	4.22	2.96
CO	50	ppm	12	1	36.35	0.65	0.40	21.69	0.39	0.37	0.43	16.71	0.95	0.36	0.36	0.22	0.42	0.31	0.24	0.22
O_2		%	0	0.1	8.04	6.86	5.89	6.30	7.22	7.39	7.00	6.37	10.47	6.14	5.84	6.47	7.61	6.45	6.14	6.20
FL1		Sm³	12	10	13,193	14,419	15,836	14,646	13,702	13,488	14,125	14,578	10,772	15,003	15,245	14,418	13,333	14,591	14,914	14,894
TMP		℃	0	1	184.78	184.42	184.39	184.45	183.56	182.64	182.62	183.19	182.76	182.86	183.33	183.24	183.03	183.00	183.17	183.28
TM1		℃	0	1	1,068.69	1,018.78	1,080.69	1,090.90	1,042.89	1,037.50	1,037.58	1,065.51	1,020.75	1,074.35	1,091.14	1,086.56	1,028.04	1,064.13	1,083.43	1,093.96
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

					04-22 16:00	04-22 16:30	04-22 17:00	04-22 17:30	04-22 18:00	04-22 18:30	04-22 19:00	04-22 19:30	04-22 20:00	04-22 20:30	04-22 21:00	04-22 21:30	04-22 22:00	04-22 22:30	04-22 23:00	04-22 23:30
TSP	20	mg/Sm³	12	1	0.55	0.42	0.41	0.43	0.45	0.46	0.42	0.43	0.54	0.45	0.44	0.47	0.45	0.44	0.44	0.47
SOx	30	ppm	12	1	0.00	0.00	0.01	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
NOx	70	ppm	12	1	32.52	25.25	29.14	28.30	23.73	19.99	30.76	25.83	31.33	24.07	20.48	21.37	23.22	26.85	25.62	24.91
HCl	15	ppm	12	1	3.47	2.71	2.96	2.83	2.98	2.93	2.62	3.53	3.67	2.82	2.49	2.07	2.23	1.86	2.66	2.01
CO	50	ppm	12	1	0.28	0.20	0.35	0.24	0.34	0.44	0.33	0.32	0.45	0.23	0.25	0.47	0.36	0.21	0.19	0.31
O_2		%	0	0.1	10.04	6.61	6.57	7.15	7.79	8.18	6.86	7.15	9.45	7.16	7.43	8.04	7.41	7.24	7.42	8.04
FL1		Sm³	12	10	11,179	14,416	14,371	13,858	13,115	12,594	14,153	13,868	11,827	13,952	13,373	13,074	13,620	13,790	13,471	12,841
TMP		℃	0	1	183.08	182.93	182.94	182.69	182.32	182.06	181.67	181.89	182.05	182.13	181.77	181.15	180.95	180.91	180.55	180.43
TM1		℃	0	1	1,063.69	1,080.80	1,099.77	1,075.10	1,049.29	1,033.31	1,084.70	1,076.25	1,079.76	1,062.45	1,059.08	1,015.81	1,040.49	1,057.73	1,063.77	1,034.02
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.24	36.23	36.21	36.21	36.21	36.21	36.21

4월 23일 굴뚝별 트랜드

					04-23 00:00	04-23 00:30	04-23 01:00	04-23 01:30	04-23 02:00	04-23 02:30	04-23 03:00	04-23 03:30	04-23 04:00	04-23 04:30	04-23 05:00	04-23 05:30	04-23 06:00	04-23 06:30	04-23 07:00	04-23 07:30
TSP	20	mg/Sm³	12	1	0.53	0.43	0.41	0.43	0.42	0.45	0.45	0.47	0.53	0.45	0.45	0.44	0.46	0.45	0.42	0.45
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	27.19	21.08	26.22	22.27	26.76	25.27	21.69	21.30	31.91	22.81	26.64	25.44	21.99	27.77	25.31	23.45
HCl	15	ppm	12	1	2.16	1.90	2.44	2.58	1.74	2.17	2.03	1.91	1.91	2.93	2.24	2.12	2.54	1.73	2.45	2.61
CO	50	ppm	12	1	0.35	0.34	0.23	0.18	0.24	0.25	0.38	0.44	0.23	0.37	0.26	0.28	0.37	0.32	0.18	0.25
O_2		%	0	0.1	9.75	6.95	5.89	6.95	6.65	7.40	7.51	7.95	8.96	7.61	7.15	6.71	7.65	6.96	6.13	7.07
FL1		Sm³	12	10	11,233	14,092	15,392	13,718	14,481	13,667	13,504	12,911	12,182	13,514	13,891	14,423	13,326	14,344	15,159	14,094
TMP		℃	0	1	178.75	179.65	181.62	181.57	181.40	181.68	181.56	181.26	180.20	181.15	181.44	181.60	181.49	181.23	181.80	181.75
TM1		℃	0	1	1,061.67	1,068.26	1,107.47	1,095.61	1,100.63	1,064.23	1,041.65	1,019.01	1,099.21	1,041.93	1,061.93	1,077.06	1,043.91	1,064.77	1,097.00	1,058.93
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

					04-23 08:00	04-23 08:30	04-23 09:00	04-23 09:30	04-23 10:00	04-23 10:30	04-23 11:00	04-23 11:30	04-23 12:00	04-23 12:30	04-23 13:00	04-23 13:30	04-23 14:00	04-23 14:30	04-23 15:00	04-23 15:30
TSP	20	mg/Sm³	12	1	0.56	0.43	0.44	0.44	0.45	0.45	0.45	0.44	0.55	0.43	0.43	0.41	0.42	0.42	0.45	0.42
SOx	30	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
NOx	70	ppm	12	1	25.91	24.30	29.05	27.40	25.51	23.71	20.91	19.51	27.87	18.17	16.87	22.53	18.90	24.30	17.65	22.75
HCl	15	ppm	12	1	2.56	2.22	2.04	1.88	2.17	2.67	2.30	2.43	2.47	2.17	2.06	1.49	1.73	1.73	2.29	1.47
CO	50	ppm	12	1	0.41	0.22	0.19	0.19	0.29	0.37	0.28	0.28	0.45	0.24	0.22	0.19	0.24	0.21	0.25	0.19
O_2		%	0	0.1	9.37	6.28	6.75	6.84	7.15	7.10	6.79	6.76	9.07	6.56	6.60	5.92	6.52	6.31	7.11	6.06
FL1		Sm³	12	10	12,032	14,970	14,499	14,487	14,103	14,256	14,587	14,224	12,387	14,826	14,447	15,113	14,239	14,539	13,778	15,370
TMP		℃	0	1	181.69	181.98	181.80	181.72	181.78	181.98	182.27	182.41	182.03	182.33	182.52	182.09	181.76	181.74	181.82	182.49
TM1		℃	0	1	1,065.19	1,086.06	1,086.54	1,083.54	1,055.52	1,042.95	1,046.38	1,056.61	1,060.02	1,042.82	1,041.80	1,064.73	1,049.15	1,063.16	1,040.87	1,062.23
TM3		℃	0	1	36.22	36.22	36.22	36.22	36.22	36.22	36.21	36.22	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

					04-23 16:00	04-23 16:30	04-23 17:00	04-23 17:30	04-23 18:00	04-23 18:30	04-23 19:00	04-23 19:30	04-23 20:00	04-23 20:30	04-23 21:00	04-23 21:30	04-23 22:00	04-23 22:30	04-23 23:00	04-23 23:30
TSP	20	mg/Sm³	12	1	0.56	0.45	0.47	0.46	0.47	0.46	0.44	0.44	0.56	0.43	0.44	0.46	0.44	0.41	0.48	0.46
SOx	30	ppm	12	1	0.00	0.10	0.00	0.30	0.00	0.00	0.07	0.00	0.00	1.13	0.00	0.00	0.00	1.38	0.01	0.00
NOx	70	ppm	12	1	31.93	21.29	19.61	18.95	15.11	14.57	18.57	20.68	29.54	21.49	21.54	17.90	18.03	21.33	17.32	19.67
HCl	15	ppm	12	1	2.62	2.41	3.39	5.13	4.69	2.89	2.83	3.78	4.53	3.00	3.24	4.04	3.91	3.58	4.07	2.12
CO	50	ppm	12	1	0.18	0.28	0.32	0.32	0.33	0.28	0.42	0.24	0.27	0.71	0.17	0.38	0.22	0.56	0.22	0.24
O_2		%	0	0.1	9.02	6.77	7.44	7.25	7.47	7.26	6.47	6.37	8.96	5.81	6.61	7.20	6.44	5.46	7.72	6.98
FL1		Sm³	12	10	11,962	14,733	14,098	14,262	13,879	14,408	15,513	15,515	12,761	15,958	15,190	14,697	15,552	16,414	13,623	14,863
TMP		℃	0	1	183.02	183.37	183.39	183.29	182.89	182.75	183.63	183.98	184.00	183.93	183.86	183.69	184.00	184.17	183.45	183.12
TM1		℃	0	1	1,079.48	1,052.14	1,030.14	1,036.50	1,019.35	1,023.23	1,043.25	1,059.51	1,064.91	1,097.31	1,065.81	1,012.91	1,045.14	1,102.36	1,029.00	1,033.87
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

4월 24일 굴뚝별 트랜드

					04-24 00:00	04-24 00:30	04-24 01:00	04-24 01:30	04-24 02:00	04-24 02:30	04-24 03:00	04-24 03:30	04-24 04:00	04-24 04:30	04-24 05:00	04-24 05:30	04-24 06:00	04-24 06:30	04-24 07:00	04-24 07:30
TSP	20	mg/Sm³	12	1	0.57	0.44	0.44	0.43	0.42	0.47	0.45	0.45	0.56	0.41	0.45	0.44	0.44	0.44	0.45	0.45
SOx	30	ppm	12	1	0.16	0.17	0.00	1.12	3.95	0.00	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	31.19	19.01	23.01	24.10	25.47	21.86	23.37	20.21	26.89	21.73	22.05	18.96	21.39	20.49	21.94	16.81
HCl	15	ppm	12	1	3.61	3.39	2.92	3.63	5.80	6.03	2.76	2.62	1.78	1.49	1.76	1.71	1.09	1.53	1.35	1.67
CO	50	ppm	12	1	0.29	0.44	0.24	0.18	0.50	0.35	0.39	0.32	0.29	0.50	0.18	0.18	0.25	0.14	0.17	0.25
O_2		%	0	0.1	8.74	6.33	6.35	6.25	6.17	7.71	7.31	7.16	9.41	5.86	7.07	6.81	6.91	6.73	7.05	6.94
FL1		Sm³	12	10	13,021	15,597	15,565	15,535	15,697	13,785	14,386	14,354	12,416	15,984	14,671	14,687	14,788	14,721	14,395	14,637
TMP		℃	0	1	183.72	184.05	183.81	183.66	182.95	182.44	182.14	182.16	182.12	182.55	182.55	182.41	182.20	182.34	181.87	181.90
TM1		℃	0	1	1,070.24	1,060.56	1,069.59	1,082.75	1,083.13	1,026.52	1,030.53	1,036.53	1,048.55	1,084.05	1,042.68	1,055.41	1,049.91	1,059.08	1,057.87	1,048.45
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.22	36.21	36.21	36.21

					04-24 08:00	04-24 08:30	04-24 09:00	04-24 09:30	04-24 10:00	04-24 10:30	04-24 11:00	04-24 11:30	04-24 12:00	04-24 12:30	04-24 13:00	04-24 13:30	04-24 14:00	04-24 14:30	04-24 15:00	04-24 15:30
TSP	20	mg/Sm³	12	1	0.55	0.48	0.41	0.42	0.41	0.40	0.43	0.50	0.54	0.41	0.43	0.44	0.47	0.44	0.44	0.44
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	1.32	3.08	0.00	2.01	1.36	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	26.62	9.84	19.50	13.95	22.66	26.45	22.14	12.70	25.64	21.67	23.18	21.58	13.47	14.13	11.76	14.05
HCl	15	ppm	12	1	1.40	0.79	0.27	1.19	0.82	1.49	3.21	2.04	3.14	5.79	2.73	2.68	2.01	1.68	1.51	1.26
CO	50	ppm	12	1	0.24	0.47	0.14	0.18	0.15	4.97	20.42	0.59	0.43	0.33	0.23	0.29	0.54	2.11	0.56	0.49
O_2		%	0	0.1	9.19	8.10	6.22	6.69	6.01	5.52	6.71	8.49	8.75	6.05	6.59	7.03	8.03	7.01	7.06	6.97
FL1		Sm³	12	10	12,471	13,262	15,549	15,073	15,941	16,030	14,623	12,808	13,226	15,475	15,072	14,540	13,535	14,648	14,585	14,533
TMP		℃	0	1	181.94	181.74	181.21	182.30	182.99	182.72	182.36	181.58	181.32	182.30	182.49	182.37	182.21	182.53	182.62	181.68
TM1		℃	0	1	1,047.55	983.43	1,062.75	1,036.77	1,080.74	1,128.33	1,089.38	996.64	1,070.41	1,093.49	1,061.65	1,056.08	989.91	1,015.01	1,018.51	1,023.57
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

					04-24 16:00	04-24 16:30	04-24 17:00	04-24 17:30	04-24 18:00	04-24 18:30	04-24 19:00	04-24 19:30	04-24 20:00	04-24 20:30	04-24 21:00	04-24 21:30	04-24 22:00	04-24 22:30	04-24 23:00	04-24 23:30
TSP	20	mg/Sm³	12	1	0.55	0.46	0.44	0.43	0.40	0.44	0.47	0.45	0.61	0.47	0.47	0.45	0.43	0.43	0.48	0.47
SOx	30	ppm	12	1	2.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	1.05	3.92	0.17	0.03
NOx	70	ppm	12	1	23.14	13.64	11.52	11.58	11.94	9.21	9.91	13.55	18.53	18.26	15.34	17.66	19.01	21.54	17.09	20.17
HCl	15	ppm	12	1	3.32	3.84	2.01	1.97	1.74	2.98	1.88	1.83	6.33	3.08	3.46	2.44	3.19	7.34	9.49	6.49
CO	50	ppm	12	1	33.94	0.53	0.93	7.33	11.54	0.58	0.70	0.54	0.48	0.44	0.53	0.54	0.54	0.20	0.41	0.54
O_2		%	0	0.1	8.23	7.19	6.95	6.49	5.08	6.75	7.61	6.97	10.59	7.34	7.42	6.71	6.21	6.08	7.46	7.44
FL1		Sm³	12	10	12,362	14,645	15,061	15,725	17,386	15,164	14,286	15,465	11,546	15,086	15,022	15,953	16,795	16,981	14,941	14,997
TMP		℃	0	1	181.83	182.66	182.95	183.40	184.10	184.07	182.31	182.53	183.98	183.06	183.02	183.41	183.86	185.26	184.95	183.47
TM1		℃	0	1	1,085.88	1,005.25	982.70	999.39	1,065.58	1,002.09	985.98	1,024.15	995.28	1,006.91	1,006.47	1,035.14	1,054.68	1,049.35	998.95	995.84
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.22	36.22	36.22	36.23