7월 30일 굴뚝별 트랜드

					07-30 00:00	07-30 00:30	07-30 01:00	07-30 01:30	07-30 02:00	07-30 02:30	07-30 03:00	07-30 03:30	07-30 04:00	07-30 04:30	07-30 05:00	07-30 05:30	07-30 06:00	07-30 06:30	07-30 07:00	07-30 07:30
TSP	20	mg/Sm³	12	1	0.64	0.49	0.51	0.47	0.53	0.47	0.50	0.47	0.74	0.51	0.67	0.47	0.51	0.49	0.54	0.52
SOx	30	ppm	12	1	0.01	0.03	0.00	0.07	0.00	0.00	0.14	6.59	2.89	7.90	0.00	0.73	0.23	0.02	0.00	0.00
NOx	70	ppm	12	1	14.33	11.72	3.34	8.57	1.32	8.59	2.90	4.62	5.18	5.30	6.12	8.96	3.50	7.28	2.57	3.48
HCl	15	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	10.33	0.78	2.53	35.27	2.34	2.77	20.32	68.43	59.45	45.26	2.24	22.59	2.36	5.00	0.98	0.97
O_2		%	0	0.1	8.54	5.59	6.47	4.46	6.67	4.54	5.41	4.43	9.52	5.38	9.23	4.57	5.57	4.92	6.58	6.41
FL1		Sm³	12	10	12,980	15,999	15,086	17,033	14,248	17,692	16,189	18,270	11,665	16,695	13,132	17,650	15,935	16,711	14,686	15,160
TMP		℃	0	1	175.23	175.69	175.56	175.19	174.62	175.36	179.11	177.70	177.70	177.60	176.65	175.24	177.15	177.02	175.78	174.36
TM1		℃	0	1	1,071.27	1,095.87	1,033.73	1,087.37	1,028.66	1,072.00	1,070.08	1,068.15	1,046.81	1,047.79	951.39	1,035.19	1,059.39	1,072.96	1,028.53	1,018.37
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					07-30 08:00	07-30 08:30	07-30 09:00	07-30 09:30	07-30 10:00	07-30 10:30	07-30 11:00	07-30 11:30	07-30 12:00	07-30 12:30	07-30 13:00	07-30 13:30	07-30 14:00	07-30 14:30	07-30 15:00	07-30 15:30
TSP	20	mg/Sm³	12	1	0.68	0.52	0.52	0.50	0.50	0.46	0.48	0.48	0.63	0.52	0.48	0.46	0.52	0.47	0.48	0.49
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	0.21	0.00	0.24	0.00	0.00	0.00
NOx	70	ppm	12	1	3.80	3.68	2.61	1.98	1.34	4.49	1.49	1.54	3.60	3.90	5.00	9.97	5.71	9.48	4.61	4.69
HCl	15	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
CO	50	ppm	12	1	1.25	1.21	0.66	1.01	0.68	0.55	17.31	1.58	13.50	0.80	20.03	1.52	28.44	3.37	1.04	0.70
O_2		%	0	0.1	8.70	6.42	6.60	6.31	6.65	5.61	5.72	6.36	8.20	7.36	5.94	5.30	6.83	6.01	6.08	6.57
FL1		Sm³	12	10	12,537	14,861	14,856	14,967	14,654	15,985	15,909	14,871	12,487	14,254	15,933	15,976	14,923	16,423	15,576	14,764
TMP		℃	0	1	174.68	174.71	174.46	174.42	174.11	173.92	174.59	174.18	174.57	174.87	175.61	176.33	175.70	176.55	177.17	176.10
TM1		℃	0	1	1,036.46	1,025.45	1,020.19	1,024.63	1,010.71	1,042.99	1,029.93	1,046.18	1,047.87	1,009.65	1,052.81	1,078.98	1,070.79	1,052.06	1,050.31	1,042.88
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					07-30 16:00	07-30 16:30	07-30 17:00	07-30 17:30	07-30 18:00	07-30 18:30	07-30 19:00	07-30 19:30	07-30 20:00	07-30 20:30	07-30 21:00	07-30 21:30	07-30 22:00	07-30 22:30	07-30 23:00	07-30 23:30
TSP	20	mg/Sm³	12	1	0.61	0.48	0.46	0.50	0.46	0.53	0.47	0.44	0.64	0.47	0.56	0.47	0.54	0.48	0.57	0.44
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.11	0.00	0.15	0.00	0.14	0.35	2.15
NOx	70	ppm	12	1	9.59	3.47	5.51	8.00	11.55	2.80	7.87	9.18	22.13	21.23	9.15	8.96	3.69	12.69	7.55	12.28
HCl	15	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.04	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.90	1.14	2.42	0.50	13.92	0.81	1.69	1.15	0.87	0.96	0.55	20.93	0.64	5.17	8.32	50.47
O_2		%	0	0.1	8.68	6.42	5.51	6.75	5.25	7.30	5.52	4.44	7.86	5.08	7.37	5.07	7.10	5.06	7.10	3.70
FL1		Sm³	12	10	12,628	15,055	16,045	14,499	16,411	13,907	16,236	17,361	13,043	16,150	13,862	15,955	14,258	16,687	14,131	18,097
TMP		℃	0	1	175.09	175.36	175.71	175.44	175.53	175.92	175.09	176.26	177.30	176.43	175.79	175.20	175.05	174.72	175.98	175.77
TM1		℃	0	1	1,033.97	1,041.18	1,052.19	1,049.53	1,080.67	1,027.86	1,051.89	1,107.01	1,117.96	1,133.21	1,075.68	1,090.48	1,039.17	1,066.03	1,082.96	1,088.58
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

7월 31일 굴뚝별 트랜드

					07-31 00:00	07-31 00:30	07-31 01:00	07-31 01:30	07-31 02:00	07-31 02:30	07-31 03:00	07-31 03:30	07-31 04:00	07-31 04:30	07-31 05:00	07-31 05:30	07-31 06:00	07-31 06:30	07-31 07:00	07-31 07:30
TSP	20	mg/Sm³	12	1	0.71	0.51	0.51	0.48	0.59	0.53	0.58	0.45	0.70	0.50	0.48	0.50	0.54	0.47	0.55	0.51
SOx	30	ppm	12	1	5.53	0.28	0.00	0.30	0.00	0.00	0.00	0.00	0.04	0.00	0.38	1.64	0.53	1.23	0.62	0.00
NOx	70	ppm	12	1	4.96	8.56	12.57	9.98	3.36	5.93	7.42	15.63	12.77	11.17	18.67	17.10	12.60	17.07	5.45	10.67
HCl	15	ppm	12	1	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.00	0.00	0.22	0.48	0.02	0.11	0.00
CO	50	ppm	12	1	80.65	29.04	0.42	13.46	0.67	0.45	3.22	3.24	5.41	0.37	0.22	4.23	6.63	14.38	10.83	0.44
O_2		%	0	0.1	10.07	5.67	5.91	5.30	7.97	6.51	7.58	4.74	9.22	5.87	5.20	5.89	6.80	4.90	7.10	5.96
FL1		Sm³	12	10	11,166	16,358	15,786	16,353	13,301	15,202	13,861	17,327	11,681	15,991	16,778	15,787	14,620	17,201	14,395	15,733
TMP		℃	0	1	175.42	175.28	176.13	176.81	175.62	174.61	175.03	175.10	176.21	176.81	176.71	177.37	176.91	176.06	176.47	175.89
TM1		℃	0	1	1,079.51	1,044.93	1,099.48	1,087.61	1,056.13	1,038.05	1,050.63	1,082.72	1,098.43	1,069.79	1,104.83	1,111.97	1,090.24	1,087.65	1,071.07	1,056.77
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					07-31 08:00	07-31 08:30	07-31 09:00	07-31 09:30	07-31 10:00	07-31 10:30	07-31 11:00	07-31 11:30	07-31 12:00	07-31 12:30	07-31 13:00	07-31 13:30	07-31 14:00	07-31 14:30	07-31 15:00	07-31 15:30
TSP	20	mg/Sm³	12	1	0.66	0.57	0.50	0.49	0.56	0.52	0.51	0.48	0.69	0.50	0.45	0.51	0.45	0.51	0.49	0.54
SOx	30	ppm	12	1	0.06	0.00	0.00	0.01	0.00	0.00	0.01	0.10	0.00	0.25	3.24	0.18	0.00	0.00	0.00	0.02
NOx	70	ppm	12	1	9.36	4.35	15.03	14.97	3.91	4.91	2.62	4.96	5.71	9.79	11.55	4.81	15.69	6.18	7.81	6.67
HCl	15	ppm	12	1	0.55	0.12	0.00	0.01	0.06	0.00	0.00	0.00	0.01	0.00	0.31	1.68	0.00	0.03	0.00	0.00
CO	50	ppm	12	1	7.84	1.07	0.42	0.39	0.83	0.66	24.47	9.83	1.54	0.54	4.83	0.77	1.44	0.64	11.92	9.51
O_2		%	0	0.1	8.85	8.01	5.93	5.27	7.34	7.20	6.80	5.59	9.47	6.30	5.28	7.35	5.29	6.91	6.10	7.53
FL1		Sm³	12	10	13,045	13,217	15,804	16,493	14,042	14,263	14,761	15,995	12,116	15,199	16,419	13,858	16,198	14,284	15,147	14,089
TMP		℃	0	1	175.69	175.06	174.43	176.06	176.69	175.88	175.22	175.37	176.24	176.89	176.99	176.80	175.66	175.57	175.92	175.52
TM1		℃	0	1	1,041.89	1,011.48	1,079.21	1,094.83	1,028.08	1,020.07	1,004.23	1,070.90	1,057.10	1,073.97	1,076.03	1,050.08	1,099.37	1,054.05	1,071.99	1,033.87
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					07-31 16:00	07-31 16:30	07-31 17:00	07-31 17:30	07-31 18:00	07-31 18:30	07-31 19:00	07-31 19:30	07-31 20:00	07-31 20:30	07-31 21:00	07-31 21:30	07-31 22:00	07-31 22:30	07-31 23:00	07-31 23:30
TSP	20	mg/Sm³	12	1	0.65	0.49	0.53	0.44	0.50	0.50	0.47	0.55	0.67	0.53	0.49	0.51	0.53	0.50	0.51	0.50
SOx	30	ppm	12	1	0.00	1.72	0.24	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.08
NOx	70	ppm	12	1	10.17	7.01	3.38	7.59	4.86	2.73	5.40	1.62	5.59	3.00	12.78	8.51	6.94	6.96	9.13	13.94
HCl	15	ppm	12	1	0.30	0.08	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.03
CO	50	ppm	12	1	1.29	15.84	1.08	0.40	0.69	0.50	0.48	0.99	1.08	0.83	0.40	0.57	0.64	0.40	0.30	9.92
O_2		%	0	0.1	8.71	6.38	7.70	5.61	6.95	6.67	6.14	8.44	9.73	7.41	6.12	6.47	7.10	7.13	7.20	6.07
FL1		Sm³	12	10	12,553	15,647	13,748	15,939	14,573	14,682	14,727	12,240	10,857	13,635	15,008	15,049	14,294	13,542	13,617	15,100
TMP		℃	0	1	176.11	176.95	176.27	175.13	175.31	176.05	174.81	173.41	172.81	173.11	172.75	173.88	173.71	173.21	172.32	173.38
TM1		℃	0	1	1,039.85	1,026.73	1,020.31	1,053.25	1,034.33	1,047.39	1,035.98	1,009.57	1,037.24	992.08	1,088.58	1,036.95	1,030.41	1,051.25	1,071.61	1,093.10
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

8월 1일 굴뚝별 트랜드

					08-01 00:00	08-01 00:30	08-01 01:00	08-01 01:30	08-01 02:00	08-01 02:30	08-01 03:00	08-01 03:30	08-01 04:00	08-01 04:30	08-01 05:00	08-01 05:30	08-01 06:00	08-01 06:30	08-01 07:00	08-01 07:30
TSP	20	mg/Sm³	12	1	0.66	0.49	0.52	0.49	0.52	0.53	0.55	0.52	0.64	0.53	0.57	0.52	0.52	0.51	0.57	0.53
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	6.75	9.85	8.81	14.37	9.34	11.28	8.79	10.82	9.27	7.67	8.77	6.73	8.25	7.82	5.43	7.98
HCl	15	ppm	12	1	0.73	0.03	0.11	0.12	0.23	0.10	0.42	0.37	1.19	0.60	0.33	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.91	0.31	0.41	0.24	0.34	0.34	0.56	0.33	0.76	0.44	0.63	0.45	0.34	0.46	0.59	0.42
O_2		%	0	0.1	9.42	6.18	6.96	5.80	6.36	6.73	7.24	6.65	9.35	7.33	7.77	6.44	6.34	6.61	7.87	6.61
FL1		Sm³	12	10	12,074	15,071	13,864	15,558	14,951	14,466	13,985	14,441	12,140	13,617	13,287	15,004	14,936	14,315	13,107	14,773
TMP		℃	0	1	174.36	173.51	173.44	173.24	173.86	173.94	173.60	173.30	172.70	171.93	172.85	172.96	173.36	173.53	172.79	173.33
TM1		℃	0	1	1,033.23	1,054.73	1,060.33	1,084.04	1,062.13	1,055.07	1,045.59	1,056.61	1,033.83	1,050.97	1,050.59	1,026.32	1,053.73	1,040.98	1,032.97	1,029.27
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					08-01 08:00	08-01 08:30	08-01 09:00	08-01 09:30	08-01 10:00	08-01 10:30	08-01 11:00	08-01 11:30	08-01 12:00	08-01 12:30	08-01 13:00	08-01 13:30	08-01 14:00	08-01 14:30	08-01 15:00	08-01 15:30
TSP	20	mg/Sm³	12	1	0.69	0.49	0.46	0.49	0.47	0.44	0.53	0.47	0.64	0.51	0.47	0.43	0.43	0.49	0.46	0.50
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	1.40	1.51	0.27	0.05	0.00
NOx	70	ppm	12	1	4.17	3.35	5.95	2.20	5.68	17.53	12.38	19.92	16.07	15.66	16.14	17.90	19.73	19.18	19.78	19.71
HCl	15	ppm	12	1	0.82	0.02	0.00	0.00	0.00	0.00	0.02	0.21	3.08	2.18	1.58	1.68	2.43	2.41	2.19	2.74
CO	50	ppm	12	1	0.68	0.40	0.46	0.41	0.22	0.08	0.19	1.74	0.38	0.41	0.39	16.16	8.26	2.61	15.18	11.86
O_2		%	0	0.1	10.06	6.82	5.40	6.44	6.03	4.84	7.64	6.22	10.05	7.31	6.59	5.24	5.59	6.82	6.42	7.31
FL1		Sm³	12	10	11,368	13,992	16,130	14,510	15,038	16,779	13,651	15,602	11,697	14,223	14,973	16,529	15,214	13,766	14,301	13,574
TMP		℃	0	1	174.01	172.97	172.26	174.28	174.27	174.58	175.94	175.97	176.02	176.16	175.54	176.05	176.25	175.43	174.80	174.93
TM1		℃	0	1	1,008.29	1,015.65	1,054.88	1,046.84	1,060.87	1,072.03	1,038.86	1,030.99	1,014.07	1,006.84	1,010.52	1,048.40	1,108.93	1,103.57	1,092.61	1,051.37
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					08-01 16:00	08-01 16:30	08-01 17:00	08-01 17:30	08-01 18:00	08-01 18:30	08-01 19:00	08-01 19:30	08-01 20:00	08-01 20:30	08-01 21:00	08-01 21:30	08-01 22:00	08-01 22:30	08-01 23:00	08-01 23:30
TSP	20	mg/Sm³	12	1	0.62	0.44	0.51	0.46	0.47	0.54	0.47	0.45	0.60	0.45	0.49	0.42	0.47	0.45	0.49	0.53
SOx	30	ppm	12	1	0.00	0.00	0.00	0.19	2.10	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	16.59	19.48	16.17	17.46	19.19	17.88	19.60	15.36	19.71	18.04	13.08	17.36	19.80	18.72	24.92	18.05
HCl	15	ppm	12	1	3.65	2.29	3.54	2.48	4.94	4.66	2.81	2.77	3.62	2.52	2.91	1.64	2.73	2.15	2.22	2.64
CO	50	ppm	12	1	0.91	0.26	0.49	0.36	10.16	0.58	0.32	11.12	2.55	6.95	0.40	19.97	0.33	14.44	0.24	0.42
O_2		%	0	0.1	10.72	6.34	7.95	6.81	6.38	8.12	6.91	5.63	8.44	5.37	6.83	4.63	6.25	5.33	6.60	7.48
FL1		Sm³	12	10	10,855	15,165	13,466	14,656	15,026	13,225	13,967	14,844	11,839	15,250	13,604	16,119	14,405	15,053	14,962	13,655
TMP		℃	0	1	174.52	173.81	175.63	175.78	175.57	175.88	174.79	174.16	173.52	172.63	172.82	172.25	172.09	172.85	172.82	173.27
TM1		℃	0	1	974.53	1,026.03	1,004.22	1,004.93	1,055.94	1,010.81	1,018.79	1,052.90	1,033.37	1,048.77	1,021.65	1,056.67	1,044.64	1,068.19	1,045.23	1,014.74
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13