1월 22일 굴뚝별 트랜드

					01-22 00:00	01-22 00:30	01-22 01:00	01-22 01:30	01-22 02:00	01-22 02:30	01-22 03:00	01-22 03:30	01-22 04:00	01-22 04:30	01-22 05:00	01-22 05:30	01-22 06:00	01-22 06:30	01-22 07:00	01-22 07:30
TSP	20	mg/Sm³	12	1	0.63	0.52	0.54	0.50	0.51	0.51	0.47	0.49	0.64	0.51	0.49	0.52	0.50	0.52	0.56	0.46
SOx	30	ppm	12	1	0.13	0.77	1.94	4.53	0.00	0.00	0.46	1.67	0.61	0.06	1.42	0.10	0.83	0.12	0.00	2.42
NOx	70	ppm	12	1	33.10	29.02	26.65	29.61	23.84	23.48	27.41	27.01	32.74	30.11	31.20	25.90	25.40	23.41	19.96	25.05
HCl	15	ppm	12	1	1.65	2.11	5.13	8.61	3.10	1.00	0.40	3.39	2.87	1.50	1.83	3.27	2.18	2.25	2.27	2.33
CO	50	ppm	12	1	0.53	0.30	0.37	0.31	0.43	0.32	0.13	0.10	0.13	0.14	0.71	0.17	0.54	0.36	0.55	0.19
O_2		%	0	0.1	9.84	7.56	8.13	7.36	7.76	7.69	6.81	7.17	10.70	7.67	7.05	7.93	7.16	7.76	8.70	5.74
FL1		Sm³	12	10	11,505	13,745	13,084	14,063	13,893	13,381	14,028	13,489	10,618	13,562	14,284	13,152	14,036	13,630	12,707	16,224
TMP		℃	0	1	181.85	182.11	181.09	180.54	180.80	180.25	178.92	179.45	179.73	180.18	180.48	181.17	181.36	181.15	181.01	181.21
TM1		℃	0	1	1,084.99	1,105.09	1,080.57	1,080.88	1,061.83	1,066.87	1,118.52	1,143.26	1,118.11	1,107.97	1,097.57	1,091.74	1,103.71	1,063.05	1,013.96	1,080.67
TM3		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

					01-22 08:00	01-22 08:30	01-22 09:00	01-22 09:30	01-22 10:00	01-22 10:30	01-22 11:00	01-22 11:30	01-22 12:00	01-22 12:30	01-22 13:00	01-22 13:30	01-22 14:00	01-22 14:30	01-22 15:00	01-22 15:30
TSP	20	mg/Sm³	12	1	0.64	0.55	0.51	0.51	0.51	0.51	0.48	0.48	0.61	0.46	0.54	0.48	0.52	0.45	0.59	0.46
SOx	30	ppm	12	1	6.37	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.43	0.00	0.00	0.00	0.07	0.09	3.89
NOx	70	ppm	12	1	35.28	23.94	24.69	24.37	27.07	23.37	30.94	27.42	26.01	32.15	26.27	32.85	22.28	33.68	22.98	31.53
HCl	15	ppm	12	1	8.52	1.80	0.35	0.72	0.57	0.24	0.16	0.75	0.49	0.25	0.24	0.10	0.19	0.34	2.02	1.69
CO	50	ppm	12	1	0.21	0.29	0.47	0.23	0.23	0.28	0.12	0.13	0.41	0.16	0.42	0.19	0.51	0.21	0.81	6.81
O_2		%	0	0.1	9.66	8.29	7.31	7.55	7.23	7.68	7.03	7.27	10.26	6.52	8.71	7.32	8.23	6.22	9.50	6.25
FL1		Sm³	12	10	11,845	13,108	14,249	14,033	14,405	13,769	14,561	14,084	11,827	15,175	12,713	14,267	13,346	15,742	11,807	15,463
TMP		℃	0	1	182.52	181.86	180.64	181.03	181.89	181.55	181.47	181.72	180.76	180.50	180.87	181.08	181.58	182.26	182.36	180.50
TM1		℃	0	1	1,103.57	1,062.47	1,065.09	1,092.89	1,094.88	1,074.01	1,099.47	1,114.85	1,062.01	1,129.35	1,058.67	1,099.35	1,045.43	1,112.26	1,047.65	1,103.06
TM3		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

					01-22 16:00	01-22 16:30	01-22 17:00	01-22 17:30	01-22 18:00	01-22 18:30	01-22 19:00	01-22 19:30	01-22 20:00	01-22 20:30	01-22 21:00	01-22 21:30	01-22 22:00	01-22 22:30	01-22 23:00	01-22 23:30
TSP	20	mg/Sm³	12	1	0.60	0.51	0.54	0.51	0.47	0.53	0.46	0.49	0.59	0.51	0.49	0.44	0.55	0.44	0.49	0.47
SOx	30	ppm	12	1	0.00	0.04	0.00	0.00	0.00	0.00	0.06	0.00	0.24	0.09	0.00	0.00	0.11	0.30	0.00	0.00
NOx	70	ppm	12	1	27.73	24.77	22.16	25.99	25.82	18.88	22.60	22.03	37.33	17.97	21.81	22.68	22.92	24.19	19.46	21.93
HCl	15	ppm	12	1	1.72	0.85	0.18	0.22	0.62	1.20	0.56	0.67	0.67	1.22	0.10	0.80	1.18	1.31	1.62	0.82
CO	50	ppm	12	1	0.41	0.35	0.56	0.39	0.34	0.66	0.40	0.27	0.46	0.59	0.68	0.31	0.94	0.32	0.56	0.45
O_2		%	0	0.1	10.42	7.57	8.38	7.82	6.26	8.11	6.28	6.66	8.46	7.77	7.47	5.70	8.41	6.04	7.20	6.46
FL1		Sm³	12	10	12,016	14,021	13,035	13,820	15,853	13,775	15,906	15,316	13,528	13,915	14,432	16,382	13,306	15,956	14,544	15,437
TMP		℃	0	1	180.74	182.20	180.95	180.11	182.77	182.79	182.41	182.67	183.05	182.96	181.62	182.31	182.41	181.90	182.34	182.25
TM1		℃	0	1	1,082.97	1,108.06	1,026.48	1,069.37	1,085.62	1,010.41	1,049.28	1,071.63	1,090.53	1,072.84	1,009.51	1,095.09	1,016.07	1,082.51	1,043.95	1,071.73
TM3		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

1월 23일 굴뚝별 트랜드

					01-23 00:00	01-23 00:30	01-23 01:00	01-23 01:30	01-23 02:00	01-23 02:30	01-23 03:00	01-23 03:30	01-23 04:00	01-23 04:30	01-23 05:00	01-23 05:30	01-23 06:00	01-23 06:30	01-23 07:00	01-23 07:30
TSP	20	mg/S m³	12	1	0.65	0.50	0.47	0.46	0.47	0.47	0.47	0.50	0.64	0.51	0.50	0.54	0.49	0.53	0.48	0.49
SOx	30	ppm	12	1	0.59	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.15	2.58	0.56	6.98	0.05
NOx	70	ppm	12	1	24.46	24.73	24.51	27.71	26.96	29.27	18.93	20.86	25.96	19.20	18.73	20.67	19.78	23.44	19.77	21.95
HCl	15	ppm	12	1	1.91	0.31	0.52	0.33	0.56	0.33	0.37	0.00	0.37	1.05	3.36	4.35	8.05	2.65	7.39	4.25
CO	50	ppm	12	1	4.46	0.58	0.25	0.23	0.18	0.30	0.46	0.57	0.70	0.68	0.45	0.64	0.58	0.69	0.44	0.38
O_2		%	0	0.1	9.34	7.17	6.51	6.29	6.48	6.85	7.12	7.73	10.35	7.61	6.99	8.06	7.25	7.71	5.71	6.54
FL1		Sm³	12	10	11,526	14,658	15,143	15,459	14,893	14,858	14,919	13,912	11,768	15,205	15,837	14,384	14,753	14,491	17,387	15,843
TMP		℃	0	1	182.40	181.91	181.89	182.01	181.63	181.02	180.69	179.85	179.90	182.20	183.72	183.53	182.42	180.81	181.92	182.70
TM1		℃	0	1	1,082.02	1,038.81	1,092.65	1,107.77	1,124.69	1,092.57	1,074.18	1,022.72	1,036.90	989.42	1,025.51	1,017.25	1,024.43	1,008.94	1,061.07	1,064.37
TM3		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

					01-23 08:00	01-23 08:30	01-23 09:00	01-23 09:30	01-23 10:00	01-23 10:30	01-23 11:00	01-23 11:30	01-23 12:00	01-23 12:30	01-23 13:00	01-23 13:30	01-23 14:00	01-23 14:30	01-23 15:00	01-23 15:30
TSP	20	mg/S m³	12	1	0.65	0.60	0.49	0.50	0.59	0.48	0.59	0.52	0.73	0.59	0.58	0.51	0.49	0.54	0.49	0.55
SOx	30	ppm	12	1	0.67	0.00	5.70	1.36	0.42	1.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.65	3.74	0.81
NOx	70	ppm	12	1	39.53	22.38	30.05	35.94	24.48	33.53	22.65	34.67	40.59	22.98	23.84	18.29	20.63	16.80	18.24	16.43
HCl	15	ppm	12	1	3.70	1.40	3.02	2.75	4.22	1.41	1.41	0.24	1.45	0.12	0.14	0.28	0.09	1.12	4.49	5.58
CO	50	ppm	12	1	0.41	1.20	0.60	0.37	0.80	0.45	0.58	0.28	0.96	1.10	1.18	0.81	0.64	1.16	0.76	1.06
O_2		%	0	0.1	9.43	9.04	6.28	6.43	8.61	6.07	8.60	7.01	11.53	8.67	8.61	7.34	6.51	8.04	6.67	8.24
FL1		Sm³	12	10	12,074	12,487	16,263	15,946	13,236	16,229	13,154	14,934	10,669	13,201	13,389	14,709	15,586	13,979	15,621	13,385
TMP		℃	0	1	182.00	180.24	179.15	181.38	181.84	180.89	180.43	180.20	180.26	179.61	178.69	179.30	180.76	180.39	179.40	179.68
TM1		℃	0	1	1,103.52	1,001.80	1,100.59	1,094.43	1,070.76	1,099.59	1,046.71	1,083.39	1,051.03	985.71	988.33	1,020.30	1,030.67	989.89	1,030.43	989.83
TM3		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

					01-23 16:00	01-23 16:30	01-23 17:00	01-23 17:30	01-23 18:00	01-23 18:30	01-23 19:00	01-23 19:30	01-23 20:00	01-23 20:30	01-23 21:00	01-23 21:30	01-23 22:00	01-23 22:30	01-23 23:00	01-23 23:30
TSP	20	mg/S m³	12	1	0.67	0.56	0.54	0.49	0.53	0.50	0.54	0.55	0.66	0.53	0.48	0.57	0.54	0.53	0.52	0.55
SOx	30	ppm	12	1	0.00	0.00	2.86	0.11	0.00	0.40	2.73	0.00	0.00	0.00	1.38	1.53	10.55	0.05	0.16	0.12
NOx	70	ppm	12	1	23.24	18.19	18.29	21.97	16.89	20.53	22.15	20.64	30.93	24.96	27.20	22.63	25.71	29.01	32.02	29.01
HCl	15	ppm	12	1	1.77	2.40	6.14	2.26	1.57	1.70	2.28	3.47	2.36	0.62	1.29	4.50	7.15	1.96	1.52	2.83
CO	50	ppm	12	1	1.35	0.91	0.68	0.34	0.74	0.20	0.47	0.58	0.43	0.50	0.34	0.58	8.41	0.30	0.25	0.33
O_2		%	0	0.1	11.30	8.56	7.92	6.70	8.00	6.93	7.78	8.35	10.32	7.87	6.51	8.45	7.65	7.72	7.37	8.20
FL1		Sm³	12	10	11,034	13,604	14,568	15,583	13,787	14,644	14,082	13,364	11,567	13,982	15,567	13,110	13,917	13,797	14,308	13,420
TMP		℃	0	1	177.72	177.27	180.19	181.54	180.34	179.09	179.42	179.17	179.53	179.29	179.84	179.65	178.74	178.35	178.34	178.35
TM1		℃	0	1	972.35	1,004.01	1,006.13	1,062.55	1,018.97	1,069.75	1,043.11	1,048.77	1,071.21	1,046.84	1,089.83	1,076.33	1,096.07	1,097.09	1,114.02	1,088.75
TM3		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

1월 24일 굴뚝별 트랜드

					01-24 00:00	01-24 00:30	01-24 01:00	01-24 01:30	01-24 02:00	01-24 02:30	01-24 03:00	01-24 03:30	01-24 04:00	01-24 04:30	01-24 05:00	01-24 05:30	01-24 06:00	01-24 06:30	01-24 07:00	01-24 07:30
TSP	20	mg/Sm³	12	1	0.67	0.54	0.56	0.52	0.53	0.55	0.61	0.54	0.66	0.50	0.51	0.57	0.56	0.57	0.58	0.54
SOx	30	ppm	12	1	8.22	3.16	0.76	0.86	0.26	2.70	0.00	3.74	6.55	0.00	0.00	0.00	0.19	0.00	0.00	0.02
NOx	70	ppm	12	1	37.93	29.33	30.48	33.48	31.44	28.44	23.43	26.49	29.45	25.63	27.41	26.63	22.98	29.76	25.56	24.55
HCl	15	ppm	12	1	10.70	6.88	3.12	4.16	1.54	3.23	1.57	4.47	8.99	1.70	1.66	1.71	1.29	0.86	1.33	1.62
CO	50	ppm	12	1	0.22	0.27	0.52	0.18	0.19	0.37	0.83	0.47	0.61	0.30	0.22	0.39	0.31	0.46	0.52	0.32
O_2		%	0	0.1	10.32	8.08	8.01	7.46	7.61	7.87	9.22	7.62	9.72	6.82	6.83	7.95	7.76	7.91	8.29	7.42
FL1		Sm³	12	10	11,037	13,460	13,750	14,256	13,749	13,407	12,724	15,343	12,403	15,219	14,971	13,508	13,539	13,805	13,451	14,376
TMP		℃	0	1	177.80	177.61	178.05	178.67	178.51	178.20	178.00	178.88	180.74	179.76	179.11	178.28	177.56	177.73	177.83	177.99
TM1		℃	0	1	1,124.47	1,099.98	1,087.00	1,132.95	1,135.68	1,130.54	1,020.55	1,043.57	1,050.23	1,071.44	1,096.95	1,058.95	1,101.38	1,055.65	1,043.73	1,079.38
TM3		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

					01-24 08:00	01-24 08:30	01-24 09:00	01-24 09:30	01-24 10:00	01-24 10:30	01-24 11:00	01-24 11:30	01-24 12:00	01-24 12:30	01-24 13:00	01-24 13:30	01-24 14:00	01-24 14:30	01-24 15:00	01-24 15:30
TSP	20	mg/Sm³	12	1	0.67	0.55	0.57	0.58	0.56	0.69	0.59	0.57	0.71	0.57	0.55	0.56	0.55	0.56	0.61	0.56
SOx	30	ppm	12	1	0.06	0.00	0.00	0.00	0.00	0.03	0.86	1.22	0.03	1.25	0.32	0.00	0.00	2.11	0.00	0.00
NOx	70	ppm	12	1	30.43	25.05	28.27	22.25	25.95	22.25	24.48	25.89	26.63	20.76	22.31	21.33	23.53	29.03	24.89	25.87
HCl	15	ppm	12	1	3.42	1.40	0.95	0.32	0.02	1.83	5.08	5.10	3.18	4.68	4.02	1.31	0.36	4.31	2.71	1.00
CO	50	ppm	12	1	0.41	0.22	0.24	0.32	0.20	0.48	0.53	0.54	0.75	0.38	0.24	0.20	0.15	0.14	0.43	0.33
O_2		%	0	0.1	10.50	7.57	8.21	8.39	7.98	8.89	8.42	8.05	10.36	8.11	7.37	7.86	7.83	7.75	8.75	7.69
FL1		Sm³	12	10	12,052	14,136	13,427	13,048	13,649	12,896	13,205	13,449	12,038	13,366	14,392	13,431	13,491	13,930	12,741	14,159
TMP		℃	0	1	177.90	177.95	177.66	177.37	177.20	177.35	177.15	176.40	174.93	173.89	175.82	176.21	175.27	175.89	175.62	175.45
TM1		℃	0	1	1,068.53	1,092.65	1,078.97	1,067.12	1,073.73	1,041.77	1,041.13	1,058.64	1,007.74	1,041.60	1,054.72	1,079.47	1,099.02	1,093.93	1,047.73	1,058.23
TM3		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

					01-24 16:00	01-24 16:30	01-24 17:00	01-24 17:30	01-24 18:00	01-24 18:30	01-24 19:00	01-24 19:30	01-24 20:00	01-24 20:30	01-24 21:00	01-24 21:30	01-24 22:00	01-24 22:30	01-24 23:00	01-24 23:30
TSP	20	mg/Sm³	12	1	0.69	0.56	0.58	0.53	0.50	0.56	0.56	0.57	0.67	0.53	0.55	0.59	0.50	0.62	0.59	0.55
SOx	30	ppm	12	1	1.39	0.00	0.00	0.00	0.00	0.20	0.00	0.00	10.96	13.41	4.56	0.28	4.53	0.00	0.00	3.06
NOx	70	ppm	12	1	27.42	24.78	21.96	25.33	24.21	23.22	20.05	21.17	21.19	22.44	27.89	20.79	26.97	19.56	20.71	22.51
HCl	15	ppm	12	1	3.87	1.97	1.11	0.39	1.10	1.95	0.70	1.79	9.52	11.81	3.09	3.67	3.79	3.34	2.28	6.83
CO	50	ppm	12	1	0.46	0.38	0.62	0.43	0.27	0.61	0.67	0.79	1.01	0.46	2.53	0.54	0.45	0.88	0.80	0.53
O_2		%	0	0.1	9.97	7.91	8.56	7.40	7.10	8.38	8.40	8.37	10.19	7.47	7.60	8.85	6.69	9.55	8.86	7.84
FL1		Sm³	12	10	11,814	13,596	13,031	14,364	14,601	12,922	12,947	13,042	11,327	14,114	14,255	12,765	15,038	11,863	12,582	14,107
TMP		℃	0	1	176.35	176.58	176.32	175.74	175.82	176.94	175.26	174.16	175.20	175.38	175.10	175.08	175.88	176.44	174.76	174.86
TM1		℃	0	1	1,075.95	1,061.32	1,030.98	1,041.53	1,070.72	1,060.46	1,003.21	1,034.24	1,036.37	1,072.83	1,065.05	1,066.04	1,127.43	1,030.55	1,003.35	1,014.77
TM3		℃	0	1	36.60	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59