1월 31일 굴뚝별 트랜드

					01-31 00:00	01-31 00:30	01-31 01:00	01-31 01:30	01-31 02:00	01-31 02:30	01-31 03:00	01-31 03:30	01-31 04:00	01-31 04:30	01-31 05:00	01-31 05:30	01-31 06:00	01-31 06:30	01-31 07:00	01-31 07:30
TSP	20	mg/Sm³	12	1	1.99	1.66	1.60	1.74	1.73	1.61	1.59	1.75	1.94	1.59	1.75	1.56	1.79	1.51	1.58	1.50
SOx	30	ppm	12	1	1.04	0.00	0.10	0.00	0.07	0.42	7.85	0.00	0.44	0.00	0.01	0.88	0.01	5.27	0.00	2.17
NOx	70	ppm	12	1	15.31	13.92	16.28	14.66	14.89	20.28	23.61	22.58	33.64	25.61	21.55	22.04	16.85	27.41	26.23	28.28
HCl	15	ppm	12	1	0.00	0.00	0.00	0.25	0.90	1.24	8.11	6.13	1.03	0.03	0.82	1.68	4.67	5.42	4.78	1.37
CO	50	ppm	12	1	0.77	0.64	0.60	0.77	0.66	0.46	0.39	0.68	0.58	0.35	0.81	0.63	0.86	0.32	0.33	0.23
O_2		%	0	0.1	9.80	7.74	7.39	8.25	8.14	7.16	6.96	8.38	9.12	7.08	8.21	6.82	8.60	6.27	6.96	6.22
FL1		Sm³	12	10	12,391	14,143	14,646	13,615	13,711	14,946	15,158	13,586	13,353	14,966	13,591	15,479	13,344	16,132	14,918	15,441
TMP		℃	0	1	180.39	181.26	182.08	182.78	182.56	182.84	183.34	182.30	182.38	182.44	182.42	181.91	182.81	183.02	183.28	182.23
TM1		℃	0	1	1,053.80	1,046.64	1,042.13	1,026.47	1,023.93	1,047.11	1,075.55	1,038.37	1,070.21	1,081.14	1,046.33	1,028.85	1,016.69	1,047.69	1,073.05	1,103.54
TM3		℃	0	1	36.62	36.62	36.62	36.61	36.61	36.62	36.63	36.62	36.62	36.63	36.63	36.63	36.63	36.63	36.63	36.63

					01-31 08:00	01-31 08:30	01-31 09:00	01-31 09:30	01-31 10:00	01-31 10:30	01-31 11:00	01-31 11:30	01-31 12:00	01-31 12:30	01-31 13:00	01-31 13:30	01-31 14:00	01-31 14:30	01-31 15:00	01-31 15:30
TSP	20	mg/Sm³	12	1	1.95	1.82	1.56	1.69	1.75	1.73	1.86	1.84	2.08	1.72	1.58	1.51	1.60	1.63	1.57	1.63
SOx	30	ppm	12	1	7.83	6.38	15.24	0.91	0.00	0.15	0.00	0.00	4.10	0.00	1.55	3.60	0.05	0.00	0.00	0.00
NOx	70	ppm	12	1	36.07	16.80	26.12	23.67	28.85	24.49	20.34	24.32	31.67	22.18	26.71	40.80	27.68	27.52	29.13	21.28
HCl	15	ppm	12	1	3.33	2.95	6.76	6.30	1.14	2.21	1.32	0.72	8.85	2.32	2.82	6.29	2.98	0.66	0.31	0.77
CO	50	ppm	12	1	0.45	15.66	12.07	0.40	0.50	0.37	0.44	0.47	0.44	0.56	0.53	0.20	0.30	0.45	0.33	0.51
O_2		%	0	0.1	10.16	8.19	6.86	7.89	7.70	7.61	8.96	8.85	10.54	8.47	7.44	6.42	7.65	7.70	6.93	7.36
FL1		Sm³	12	10	11,969	12,960	15,352	13,460	14,585	14,510	12,268	12,645	11,440	13,439	14,851	15,950	13,568	13,538	14,660	14,088
TMP		℃	0	1	180.67	179.27	180.17	180.85	180.54	182.04	180.91	180.27	180.93	181.27	181.74	182.85	182.05	180.60	181.38	182.09
TM1		℃	0	1	1,102.36	1,095.04	1,119.91	1,119.53	1,077.52	1,091.07	1,068.57	1,036.42	1,066.47	1,036.14	1,055.01	1,110.83	1,098.28	1,067.04	1,074.21	1,047.60
TM3		℃	0	1	36.62	36.62	36.62	36.61	36.60	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

					01-31 16:00	01-31 16:30	01-31 17:00	01-31 17:30	01-31 18:00	01-31 18:30	01-31 19:00	01-31 19:30	01-31 20:00	01-31 20:30	01-31 21:00	01-31 21:30	01-31 22:00	01-31 22:30	01-31 23:00	01-31 23:30
TSP	20	mg/Sm³	12	1	1.96	1.59	1.41	1.65	1.56	1.58	1.66	1.45	2.10	1.72	1.58	1.63	1.70	1.54	1.67	1.68
SOx	30	ppm	12	1	10.55	0.00	7.21	0.00	0.00	0.22	0.00	4.15	0.00	0.00	3.93	1.39	1.43	0.97	0.75	0.00
NOx	70	ppm	12	1	35.60	28.82	33.83	26.53	28.24	24.68	23.28	24.15	22.96	19.42	18.86	24.86	19.08	25.23	20.35	23.75
HCl	15	ppm	12	1	4.99	2.02	6.12	7.07	3.83	4.34	4.23	6.05	9.15	1.97	12.46	5.17	8.16	1.97	7.18	3.00
CO	50	ppm	12	1	0.54	0.40	0.25	0.40	0.41	0.60	0.58	2.71	0.77	0.71	0.50	0.60	0.71	0.46	0.56	0.75
O_2		%	0	0.1	8.40	7.00	5.16	7.46	6.81	6.91	7.59	5.45	10.32	7.90	6.81	7.07	7.58	6.40	7.51	7.58
FL1		Sm³	12	10	13,088	15,015	16,869	13,847	14,753	15,041	14,364	16,821	11,977	13,946	15,424	15,151	14,227	15,709	14,155	14,323
TMP		℃	0	1	182.57	182.74	183.05	182.38	181.79	182.65	183.24	184.10	184.12	183.70	183.72	183.38	183.25	182.97	183.43	182.97
TM1		℃	0	1	1,093.66	1,072.80	1,115.31	1,065.73	1,062.60	1,056.50	1,015.03	1,081.17	1,033.85	1,013.34	1,027.03	1,008.35	1,062.39	1,042.93	1,069.63	1,017.97
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

2월 1일 굴뚝별 트랜드

					02-01 00:00	02-01 00:30	02-01 01:00	02-01 01:30	02-01 02:00	02-01 02:30	02-01 03:00	02-01 03:30	02-01 04:00	02-01 04:30	02-01 05:00	02-01 05:30	02-01 06:00	02-01 06:30	02-01 07:00	02-01 07:30
TSP	20	mg/Sm³	12	1	2.07	1.46	1.52	1.53	1.56	1.58	1.75	1.62	2.03	1.55	1.78	1.63	1.64	1.58	1.66	1.73
SOx	30	ppm	12	1	0.01	1.25	5.52	0.00	0.08	0.07	0.00	0.02	0.00	0.00	0.01	0.19	0.67	2.03	0.00	0.00
NOx	70	ppm	12	1	23.03	23.01	19.95	27.15	29.61	25.57	16.84	19.43	24.04	21.77	22.65	22.97	28.46	22.37	23.85	21.02
HCl	15	ppm	12	1	4.13	2.60	8.19	1.98	1.73	1.95	3.15	1.99	2.91	1.75	2.97	2.77	3.79	4.95	3.43	3.52
CO	50	ppm	12	1	0.96	0.36	0.45	0.32	0.20	0.29	0.79	0.55	0.45	0.22	0.51	0.24	0.32	0.37	0.43	0.54
O_2		%	0	0.1	10.55	5.67	6.17	6.27	6.57	6.84	8.20	7.03	9.52	6.51	8.24	7.16	7.14	6.74	7.53	8.03
FL1		Sm³	12	10	11,919	16,830	16,167	16,050	15,378	15,082	13,649	15,219	12,869	15,541	13,643	14,624	14,590	15,138	14,349	13,772
TMP		℃	0	1	182.56	183.28	184.29	183.52	182.99	182.88	182.84	183.31	184.22	184.37	183.43	182.78	182.77	182.46	182.45	182.47
TM1		℃	0	1	992.21	1,064.14	1,078.74	1,074.53	1,093.05	1,085.99	1,022.23	1,002.41	1,027.97	1,052.16	1,012.26	1,060.35	1,080.30	1,079.92	1,041.32	1,025.99
TM3		℃	0	1	36.59	36.59	36.59	36.60	36.60	36.62	36.62	36.62	36.62	36.62	36.62	36.62	36.63	36.62	36.62	36.62

					02-01 08:00	02-01 08:30	02-01 09:00	02-01 09:30	02-01 10:00	02-01 10:30	02-01 11:00	02-01 11:30	02-01 12:00	02-01 12:30	02-01 13:00	02-01 13:30	02-01 14:00	02-01 14:30	02-01 15:00	02-01 15:30
TSP	20	mg/Sm³	12	1	2.07	1.80	1.74	1.37	1.23	1.17	1.17	1.16	1.18	1.21	1.22	2.39	0.42	0.38	0.38	0.38
SOx	30	ppm	12	1	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.26	0.36	22.44	0.04	14.93	7.97	7.55	12.36
NOx	70	ppm	12	1	22.22	14.30	17.22	9.35	0.21	0.08	0.01	0.00	0.13	0.20	48.28	0.59	21.95	25.12	34.32	42.57
HCl	15	ppm	12	1	3.26	0.99	1.73	1.97	0.28	0.27	0.26	0.27	0.21	0.18	20.25	0.00	35.78	23.06	10.77	16.53
CO	50	ppm	12	1	0.70	1.25	0.79	0.27	0.00	0.00	0.00	0.00	0.01	0.01	60.05	0.00	1.07	0.76	0.35	25.90
O_2		%	0	0.1	10.48	8.63	8.17	14.49	21.13	21.13	21.13	21.13	21.06	18.75	8.42	21.13	9.39	9.00	8.67	6.77
FL1		Sm³	12	10	11,981	13,019	13,493	17,502	19,189	18,801	19,138	18,471	18,715	19,081	19,343	19,353	19,244	19,254	19,698	19,460
TMP		℃	0	1	182.26	182.29	180.86	181.23	179.63	157.25	161.19	152.26	155.12	176.27	181.61	183.17	184.35	184.21	183.70	183.49
TM1		℃	0	1	1,012.16	977.52	994.89	1,046.47	1,063.45	1,095.69	1,066.50	1,034.91	1,060.17	1,078.21	1,031.47	1,055.02	1,080.01	1,058.66	1,068.38	1,074.65
TM3		℃	0	1	36.63	36.62	36.62	36.60	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.61	36.62

					02-01 16:00	02-01 16:30	02-01 17:00	02-01 17:30	02-01 18:00	02-01 18:30	02-01 19:00	02-01 19:30	02-01 20:00	02-01 20:30	02-01 21:00	02-01 21:30	02-01 22:00	02-01 22:30	02-01 23:00	02-01 23:30
TSP	20	mg/Sm³	12	1	0.45	0.56	0.54	0.58	0.50	0.50	0.56	0.56	0.71	0.69	0.57	0.55	0.58	0.53	0.52	0.54
SOx	30	ppm	12	1	0.00	0.71	0.00	0.00	13.78	1.69	0.51	9.24	0.00	0.00	0.82	1.16	0.97	6.75	4.57	0.00
NOx	70	ppm	12	1	28.63	25.55	26.17	25.38	23.08	26.82	24.22	21.28	20.99	24.71	23.23	17.29	22.32	17.88	19.10	21.89
HCl	15	ppm	12	1	8.39	5.88	4.17	3.71	10.48	5.96	4.17	10.83	4.41	5.93	6.18	8.11	5.10	8.84	8.58	4.26
CO	50	ppm	12	1	0.58	0.47	0.35	0.38	0.35	0.19	0.39	0.55	0.74	1.66	1.01	0.43	0.92	0.63	0.44	0.34
O_2		%	0	0.1	11.35	8.52	8.09	8.77	7.04	7.20	8.35	8.10	11.83	10.56	8.14	7.66	8.77	7.74	7.37	7.76
FL1		Sm³	12	10	17,415	13,490	14,042	13,153	14,703	14,083	12,777	12,827	10,752	11,034	13,931	13,893	12,922	13,902	13,772	13,686
TMP		℃	0	1	183.75	183.74	183.99	183.72	182.53	181.85	181.50	180.35	180.38	181.41	182.26	183.63	181.33	179.02	180.05	179.78
TM1		℃	0	1	1,061.48	1,052.78	1,051.08	1,056.79	1,069.97	1,111.77	1,083.01	1,089.92	1,026.65	986.22	984.61	1,042.83	986.16	1,009.04	1,040.95	1,046.34
TM3		℃	0	1	36.61	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.60	36.61	36.60	36.61	36.62	36.62	36.61

2월 2일 굴뚝별 트랜드

					02-02 00:00	02-02 00:30	02-02 01:00	02-02 01:30	02-02 02:00	02-02 02:30	02-02 03:00	02-02 03:30	02-02 04:00	02-02 04:30	02-02 05:00	02-02 05:30	02-02 06:00	02-02 06:30	02-02 07:00	02-02 07:30
TSP	20	mg/Sm³	12	1	0.66	0.55	0.51	0.45	0.62	0.52	0.46	0.53	0.64	0.46	0.51	0.47	0.46	0.84	0.52	0.51
SOx	30	ppm	12	1	0.23	0.86	1.41	1.09	0.04	8.76	10.32	0.00	2.65	0.51	0.03	0.61	12.10	0.00	4.23	3.79
NOx	70	ppm	12	1	27.57	19.05	20.38	24.44	20.55	22.83	23.15	21.28	37.08	25.01	19.43	25.04	24.12	38.45	18.30	24.28
HCl	15	ppm	12	1	6.82	8.60	8.36	4.00	4.80	4.93	12.74	2.74	5.49	5.32	3.94	3.18	11.40	8.64	4.08	9.60
CO	50	ppm	12	1	0.55	0.57	0.34	1.95	0.79	0.56	0.68	0.30	0.30	0.15	0.24	0.17	0.28	2.90	1.89	0.38
O_2		%	0	0.1	10.09	7.76	6.83	4.91	9.33	6.93	5.26	7.70	8.74	5.60	7.11	5.95	5.36	12.32	7.75	7.25
FL1		Sm³	12	10	11,786	14,502	15,148	16,696	11,996	15,713	16,471	13,745	13,323	16,119	14,321	15,786	16,070	8,872	13,744	14,278
TMP		℃	0	1	180.57	182.43	183.00	182.54	181.63	180.78	182.08	180.98	181.09	181.98	181.05	180.42	180.36	179.02	175.39	175.38
TM1		℃	0	1	1,073.72	1,040.39	1,046.64	1,109.06	1,065.41	1,023.59	1,113.30	1,074.31	1,082.57	1,100.71	1,081.32	1,082.95	1,129.04	982.16	987.43	1,074.71
TM3		℃	0	1	36.62	36.62	36.62	36.62	36.61	36.62	36.62	36.62	36.62	36.62	36.62	36.62	36.62	36.62	36.63	36.62

					02-02 08:00	02-02 08:30	02-02 09:00	02-02 09:30	02-02 10:00	02-02 10:30	02-02 11:00	02-02 11:30	02-02 12:00	02-02 12:30	02-02 13:00	02-02 13:30	02-02 14:00	02-02 14:30	02-02 15:00	02-02 15:30
TSP	20	mg/Sm³	12	1	0.66	0.56	0.55	0.56	0.55	0.53	0.55	0.53	0.65	0.52	0.51	0.55	0.52	0.51	0.51	0.57
SOx	30	ppm	12	1	2.68	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.13	3.14	0.78	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	38.88	26.44	24.18	23.10	23.15	27.20	25.44	28.17	32.24	28.68	30.99	24.49	24.63	23.93	26.59	25.26
HCl	15	ppm	12	1	7.02	4.61	2.24	2.53	2.27	1.42	1.31	1.31	1.59	3.44	7.20	12.66	4.17	2.31	2.97	2.64
CO	50	ppm	12	1	0.33	0.54	0.38	0.41	0.28	0.13	0.16	0.08	0.18	0.14	0.16	0.41	0.30	0.28	0.15	0.43
O_2		%	0	0.1	10.06	8.13	8.05	8.25	7.97	7.65	8.15	7.65	10.88	7.83	7.66	8.57	7.86	7.86	7.88	8.96
FL1		Sm³	12	10	11,871	13,393	13,692	13,557	13,835	13,987	13,533	13,938	11,552	13,684	13,863	12,902	13,705	13,735	13,632	12,362
TMP		℃	0	1	178.97	179.70	179.49	180.53	180.95	180.43	180.26	180.39	180.20	179.58	179.54	179.67	178.86	179.28	180.46	180.67
TM1		℃	0	1	1,089.98	1,091.59	1,057.55	1,046.53	1,056.48	1,080.97	1,074.20	1,086.66	1,057.36	1,070.68	1,087.71	1,070.41	1,055.85	1,042.03	1,067.63	1,055.15
TM3		℃	0	1	36.63	36.62	36.62	36.62	36.61	36.60	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

					02-02 16:00	02-02 16:30	02-02 17:00	02-02 17:30	02-02 18:00	02-02 18:30	02-02 19:00	02-02 19:30	02-02 20:00	02-02 20:30	02-02 21:00	02-02 21:30	02-02 22:00	02-02 22:30	02-02 23:00	02-02 23:30
TSP	20	mg/Sm³	12	1	0.63	0.51	0.52	0.54	0.50	0.53	0.52	0.54	0.64	0.58	0.53	0.56	0.60	0.47	0.60	0.56
SOx	30	ppm	12	1	0.00	0.18	0.51	0.00	0.05	0.19	0.00	0.00	0.38	0.02	12.76	0.03	0.00	4.51	0.00	0.00
NOx	70	ppm	12	1	31.50	28.06	25.26	20.60	26.56	23.91	25.04	23.51	32.17	22.58	24.24	28.36	20.09	33.36	20.02	21.14
HCl	15	ppm	12	1	1.86	3.58	6.27	5.68	5.52	4.65	2.77	2.33	2.19	1.85	9.61	1.95	3.28	4.47	4.17	1.21
CO	50	ppm	12	1	0.34	0.20	0.28	0.58	0.23	0.25	0.20	0.24	0.20	0.19	23.44	0.73	0.95	0.30	0.79	0.97
O_2		%	0	0.1	10.23	7.70	7.86	8.43	7.34	7.84	7.76	8.14	9.82	8.94	7.38	8.35	9.59	6.06	9.43	8.56
FL1		Sm³	12	10	11,549	13,781	13,681	13,112	14,456	13,656	13,718	13,237	11,379	12,046	13,939	12,886	11,619	15,509	11,821	12,706
TMP		℃	0	1	180.04	180.82	181.35	180.30	180.07	181.09	180.93	180.68	180.08	179.24	179.14	178.68	178.33	178.38	179.59	177.94
TM1		℃	0	1	1,052.03	1,068.62	1,063.67	1,027.45	1,047.11	1,058.39	1,066.57	1,070.09	1,095.17	1,069.99	1,116.44	1,041.99	1,026.67	1,085.38	1,049.38	987.99
TM3		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.60	36.60	36.61	36.62	36.62	36.61	36.62