1월 19일 굴뚝별 트랜드

					01-19 00:00	01-19 00:30	01-19 01:00	01-19 01:30	01-19 02:00	01-19 02:30	01-19 03:00	01-19 03:30	01-19 04:00	01-19 04:30	01-19 05:00	01-19 05:30	01-19 06:00	01-19 06:30	01-19 07:00	01-19 07:30
TSP	20	mg/Sm³	12	1	0.66	0.51	0.56	0.51	0.49	0.53	0.51	0.48	0.64	0.51	0.48	0.46	0.53	0.49	0.52	0.52
SOx	30	ppm	12	1	0.30	0.00	0.00	0.00	0.15	0.00	0.00	0.10	0.00	0.00	0.00	0.15	0.09	0.08	0.00	0.00
NOx	70	ppm	12	1	32.63	20.77	19.43	20.96	22.51	19.44	19.79	22.10	25.50	18.25	20.71	25.14	23.43	29.01	22.04	24.72
HCl	15	ppm	12	1	3.78	1.12	1.55	0.68	2.16	3.69	1.90	0.98	2.16	0.24	0.73	1.67	4.77	2.01	1.74	0.56
CO	50	ppm	12	1	0.29	0.33	0.59	0.40	0.37	0.71	0.41	0.28	0.34	0.46	0.30	0.27	0.45	0.31	0.56	0.48
O_2		%	0	0.1	9.47	7.37	8.74	7.62	6.84	7.78	7.38	6.40	9.12	7.20	6.32	5.56	7.57	6.67	7.55	7.48
FL1		Sm³	12	10	11,697	14,295	12,539	13,965	15,235	13,963	14,292	15,580	12,845	14,989	15,929	16,865	14,283	15,376	14,371	14,178
TMP		℃	0	1	183.60	183.45	182.11	180.45	181.08	181.94	181.44	181.59	182.57	182.93	182.88	183.00	182.98	182.36	181.61	181.38
TM1		℃	0	1	1,100.65	1,064.89	1,014.37	1,022.53	1,055.19	1,004.23	1,040.29	1,058.24	1,089.41	1,029.51	1,037.92	1,084.15	1,068.88	1,088.77	1,036.91	1,039.14
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

					01-19 08:00	01-19 08:30	01-19 09:00	01-19 09:30	01-19 10:00	01-19 10:30	01-19 11:00	01-19 11:30	01-19 12:00	01-19 12:30	01-19 13:00	01-19 13:30	01-19 14:00	01-19 14:30	01-19 15:00	01-19 15:30
TSP	20	mg/Sm³	12	1	0.65	0.54	0.51	0.42	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.36	0.36	0.36	0.36	0.36
SOx	30	ppm	12	1	0.03	0.00	0.08	0.03	5.32	25.07	0.00	0.00	0.27	0.64	0.68	0.39	0.01	0.02	0.00	0.00
NOx	70	ppm	12	1	36.48	26.78	22.29	23.38	17.05	54.07	0.36	0.53	0.78	0.86	0.85	0.77	16.88	34.03	31.19	30.39
HCl	15	ppm	12	1	0.57	0.19	0.51	1.30	0.52	23.47	7.92	0.17	0.05	0.00	0.00	0.00	1.23	4.88	1.68	2.17
CO	50	ppm	12	1	0.38	0.58	0.72	49.94	47.98	67.46	0.00	0.00	0.01	0.02	0.02	0.03	0.32	0.85	1.18	0.98
O_2		%	0	0.1	9.24	8.02	7.34	6.57	9.84	1.79	16.60	21.08	20.96	20.90	20.90	20.87	15.51	6.38	7.86	6.76
FL1		Sm³	12	10	12,313	13,741	14,554	17,024	19,154	19,223	19,532	19,102	19,324	18,855	19,266	19,237	19,465	19,494	19,115	19,332
TMP		℃	0	1	181.89	182.01	182.10	182.41	182.38	182.17	182.15	182.87	183.05	182.72	181.50	181.96	182.85	183.55	182.79	182.68
TM1		℃	0	1	1,095.69	1,040.78	1,062.81	1,063.89	1,048.97	1,074.77	1,060.95	1,067.89	1,090.30	1,049.85	1,078.51	1,053.40	1,032.35	1,072.68	1,026.21	1,023.10
TM3		℃	0	1	36.59	36.59	36.59	36.60	36.59	36.59	36.59	36.60	36.60	36.59	36.59	36.59	36.59	36.59	36.59	36.59

					01-19 16:00	01-19 16:30	01-19 17:00	01-19 17:30	01-19 18:00	01-19 18:30	01-19 19:00	01-19 19:30	01-19 20:00	01-19 20:30	01-19 21:00	01-19 21:30	01-19 22:00	01-19 22:30	01-19 23:00	01-19 23:30
TSP	20	mg/Sm³	12	1	0.36	0.36	0.48	0.45	0.53	0.47	0.51	0.44	0.61	0.49	0.45	0.50	0.51	0.48	0.53	0.44
SOx	30	ppm	12	1	0.38	1.23	0.61	0.61	0.07	0.45	0.00	0.00	0.00	0.00	0.02	0.00	0.00	1.03	0.00	3.04
NOx	70	ppm	12	1	27.02	26.62	19.95	20.60	21.70	25.14	19.07	24.13	34.35	17.80	25.83	21.12	16.21	21.84	19.17	23.02
HCl	15	ppm	12	1	4.56	10.00	6.00	3.77	4.09	1.91	1.24	0.31	1.31	1.11	1.07	2.26	2.04	2.31	2.11	2.55
CO	50	ppm	12	1	1.51	1.31	1.07	0.43	0.62	0.31	0.71	0.31	0.50	0.66	0.26	0.46	0.66	0.36	0.88	0.30
O_2		%	0	0.1	10.45	7.17	7.68	5.96	7.97	6.19	7.72	5.78	9.73	7.17	5.98	7.35	7.73	6.73	7.80	5.06
FL1		Sm³	12	10	19,693	20,212	16,349	17,048	14,219	16,256	14,031	16,203	12,021	14,448	15,818	14,368	13,841	14,960	13,972	17,300
TMP		℃	0	1	183.59	183.98	185.11	185.22	185.24	184.47	183.51	181.48	182.52	183.15	183.15	183.78	183.44	182.32	182.57	182.63
TM1		℃	0	1	991.39	986.04	983.38	1,038.52	1,022.57	1,091.84	1,020.29	1,074.25	1,071.31	1,039.73	1,086.97	1,078.73	1,024.95	1,062.85	1,012.13	1,094.06
TM3		℃	0	1	36.59	36.59	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

1월 20일 굴뚝별 트랜드

					01-20 00:00	01-20 00:30	01-20 01:00	01-20 01:30	01-20 02:00	01-20 02:30	01-20 03:00	01-20 03:30	01-20 04:00	01-20 04:30	01-20 05:00	01-20 05:30	01-20 06:00	01-20 06:30	01-20 07:00	01-20 07:30
TSP	20	mg/Sm³	12	1	0.68	0.51	0.48	0.54	0.52	0.51	0.51	0.54	0.66	0.51	0.53	0.50	0.49	0.52	0.49	0.49
SOx	30	ppm	12	1	4.04	0.00	0.00	0.19	0.00	0.37	1.62	1.20	0.21	0.00	0.00	0.00	0.09	0.06	0.22	11.37
NOx	70	ppm	12	1	24.33	20.62	22.53	15.41	16.34	22.58	20.73	27.93	33.54	23.80	20.04	23.68	21.54	21.53	19.38	26.00
HCl	15	ppm	12	1	6.95	1.62	0.99	2.29	1.11	1.61	4.22	1.77	4.45	1.61	0.86	0.60	1.43	1.45	1.81	9.20
CO	50	ppm	12	1	0.83	0.60	0.43	0.76	0.52	0.37	0.52	0.57	0.38	0.33	0.48	0.28	0.37	0.56	0.46	0.33
O_2		%	0	0.1	10.61	7.14	6.45	7.91	7.57	7.10	6.92	7.55	9.39	6.82	7.47	6.61	6.61	7.02	6.47	6.36
FL1		Sm³	12	10	11,146	14,700	15,576	13,807	13,950	15,623	15,122	15,223	12,918	15,119	14,333	15,391	15,636	15,047	15,803	15,785
TMP		℃	0	1	183.71	183.17	182.23	182.18	181.78	181.22	182.99	183.29	184.49	184.29	183.00	182.80	183.33	182.50	182.87	183.33
TM1		℃	0	1	1,053.28	1,033.47	1,035.79	1,043.19	1,023.00	1,046.65	1,079.79	1,035.59	1,091.54	1,078.41	1,047.19	1,071.14	1,067.10	1,032.94	1,075.07	1,072.19
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

					01-20 08:00	01-20 08:30	01-20 09:00	01-20 09:30	01-20 10:00	01-20 10:30	01-20 11:00	01-20 11:30	01-20 12:00	01-20 12:30	01-20 13:00	01-20 13:30	01-20 14:00	01-20 14:30	01-20 15:00	01-20 15:30
TSP	20	mg/Sm³	12	1	0.66	0.47	0.59	0.47	0.53	0.48	0.51	0.56	0.63	0.46	0.51	0.53	0.48	0.51	0.47	0.48
SOx	30	ppm	12	1	17.81	1.02	0.00	1.76	0.00	0.00	0.07	0.00	0.00	0.37	0.06	0.84	0.55	0.00	1.70	1.73
NOx	70	ppm	12	1	32.61	30.79	22.86	31.25	27.90	26.23	27.26	28.59	28.29	27.28	25.98	24.01	29.07	20.48	27.36	25.62
HCl	15	ppm	12	1	27.58	5.22	5.78	4.32	5.63	4.13	2.93	1.10	1.20	1.49	1.81	2.15	1.79	3.58	5.08	1.85
CO	50	ppm	12	1	0.64	0.33	0.83	3.44	0.57	0.38	0.48	0.79	0.68	0.28	0.38	0.56	0.35	0.59	0.34	5.45
O_2		%	0	0.1	10.47	5.94	8.65	5.65	7.87	6.73	7.52	8.62	10.07	6.26	7.70	8.26	6.86	7.89	6.79	6.70
FL1		Sm³	12	10	11,914	16,542	13,277	16,619	14,083	15,383	14,229	12,987	11,757	15,651	13,895	13,215	14,915	13,966	15,112	15,388
TMP		℃	0	1	182.84	182.74	182.91	182.39	182.64	182.34	182.54	181.08	179.72	181.05	182.66	182.57	181.84	182.01	182.93	183.19
TM1		℃	0	1	1,044.24	1,084.11	1,027.12	1,097.88	1,052.41	1,067.33	1,079.25	1,004.33	1,038.69	1,081.43	1,053.41	1,069.69	1,060.52	1,033.05	1,073.57	1,051.91
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

					01-20 16:00	01-20 16:30	01-20 17:00	01-20 17:30	01-20 18:00	01-20 18:30	01-20 19:00	01-20 19:30	01-20 20:00	01-20 20:30	01-20 21:00	01-20 21:30	01-20 22:00	01-20 22:30	01-20 23:00	01-20 23:30
TSP	20	mg/Sm³	12	1	0.66	0.48	0.55	0.46	0.51	0.51	0.49	0.49	0.63	0.53	0.56	0.54	0.55	0.52	0.53	0.53
SOx	30	ppm	12	1	17.13	0.04	0.32	2.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	0.02
NOx	70	ppm	12	1	25.46	24.02	24.08	21.42	21.01	18.43	18.21	16.98	21.40	20.64	20.48	18.00	20.29	18.68	20.42	24.01
HCl	15	ppm	12	1	4.10	2.00	2.26	7.97	3.10	1.98	2.50	1.57	1.41	1.28	0.76	1.24	0.86	1.15	1.46	0.75
CO	50	ppm	12	1	81.30	0.51	5.73	7.69	0.71	0.60	0.43	0.22	0.34	0.13	0.22	0.28	0.33	0.22	0.16	0.09
O_2		%	0	0.1	11.13	7.13	8.77	6.41	7.40	7.57	7.27	6.96	10.39	8.09	8.69	8.12	8.30	7.75	7.92	7.88
FL1		Sm³	12	10	10,616	14,530	12,887	15,246	14,530	14,127	14,294	14,548	11,651	12,920	12,322	12,946	12,899	13,423	13,126	13,126
TMP		℃	0	1	182.85	182.61	181.83	181.32	182.64	182.01	180.52	180.41	181.26	180.90	180.21	179.20	178.89	179.27	180.91	180.91
TM1		℃	0	1	1,065.57	1,077.47	995.88	1,098.94	1,029.95	1,027.94	1,051.10	1,076.03	1,056.53	1,082.95	1,056.29	1,082.85	1,051.14	1,091.62	1,095.55	1,113.57
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 21일 굴뚝별 트랜드

					01-21 00:00	01-21 00:30	01-21 01:00	01-21 01:30	01-21 02:00	01-21 02:30	01-21 03:00	01-21 03:30	01-21 04:00	01-21 04:30	01-21 05:00	01-21 05:30	01-21 06:00	01-21 06:30	01-21 07:00	01-21 07:30
TSP	20	mg/Sm³	12	1	0.65	0.55	0.51	0.55	0.51	0.51	0.54	0.51	0.64	0.53	0.61	0.49	0.53	0.58	0.51	0.64
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	7.81	1.52	0.00	0.80	0.00
NOx	70	ppm	12	1	28.74	20.86	27.41	21.22	25.24	24.53	27.19	23.95	26.56	23.69	19.29	22.99	23.35	21.49	23.25	19.01
HCl	15	ppm	12	1	1.35	1.12	0.77	1.21	0.18	0.45	0.24	0.65	0.77	0.42	1.23	2.54	1.52	1.30	1.13	2.03
CO	50	ppm	12	1	0.31	0.53	0.31	0.48	0.35	0.21	0.37	0.23	0.43	0.38	0.83	0.37	0.42	0.22	0.18	0.62
O_2		%	0	0.1	10.55	8.51	7.30	8.17	7.38	7.36	8.01	7.29	10.13	7.53	9.39	6.58	7.39	8.63	7.29	10.09
FL1		Sm³	12	10	11,145	12,909	14,252	13,363	14,244	14,143	13,573	14,318	11,759	14,115	11,879	15,142	14,176	12,388	13,862	10,852
TMP		℃	0	1	180.89	180.86	181.48	181.79	181.35	181.08	181.30	181.29	181.79	182.04	181.90	180.45	180.40	179.66	178.98	178.81
TM1		℃	0	1	1,086.55	1,048.52	1,069.22	1,055.91	1,061.41	1,104.31	1,045.71	1,080.06	1,047.12	1,048.25	1,015.06	1,086.04	1,063.14	1,076.23	1,115.30	1,024.45
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

					01-21 08:00	01-21 08:30	01-21 09:00	01-21 09:30	01-21 10:00	01-21 10:30	01-21 11:00	01-21 11:30	01-21 12:00	01-21 12:30	01-21 13:00	01-21 13:30	01-21 14:00	01-21 14:30	01-21 15:00	01-21 15:30
TSP	20	mg/Sm³	12	1	0.63	0.54	0.50	0.48	0.48	0.53	0.49	0.52	0.63	0.48	0.48	0.51	0.48	0.53	0.51	0.50
SOx	30	ppm	12	1	0.16	0.24	0.06	0.00	0.04	5.17	4.43	0.24	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	36.44	18.11	26.28	27.56	28.41	26.51	28.63	24.37	25.57	26.58	33.36	26.84	34.06	20.28	20.04	22.11
HCl	15	ppm	12	1	0.58	2.76	1.72	1.43	1.80	1.24	3.58	1.43	0.93	0.72	0.65	0.87	0.60	0.98	0.35	0.08
CO	50	ppm	12	1	0.39	0.26	0.13	0.09	0.09	12.24	0.29	0.21	0.35	0.17	0.34	0.25	0.14	0.52	0.46	0.19
O_2		%	0	0.1	9.01	7.79	6.87	6.06	6.13	7.49	6.88	7.77	10.59	6.75	6.87	7.77	6.97	8.37	7.98	7.85
FL1		Sm³	12	10	12,322	13,438	14,590	15,776	15,360	14,036	14,449	13,314	11,026	14,271	14,463	13,464	14,362	12,749	13,290	13,057
TMP		℃	0	1	177.98	179.08	180.54	182.19	182.81	182.13	181.48	181.33	180.50	180.47	180.92	181.50	181.78	181.62	181.39	180.55
TM1		℃	0	1	1,098.08	1,081.69	1,102.15	1,136.47	1,151.73	1,097.84	1,142.48	1,096.99	1,073.91	1,124.59	1,122.82	1,106.47	1,119.32	1,068.45	1,045.46	1,056.83
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

					01-21 16:00	01-21 16:30	01-21 17:00	01-21 17:30	01-21 18:00	01-21 18:30	01-21 19:00	01-21 19:30	01-21 20:00	01-21 20:30	01-21 21:00	01-21 21:30	01-21 22:00	01-21 22:30	01-21 23:00	01-21 23:30
TSP	20	mg/Sm³	12	1	0.66	0.53	0.48	0.49	0.50	0.52	0.50	0.56	0.62	0.57	0.47	0.53	0.51	0.47	0.51	0.54
SOx	30	ppm	12	1	0.00	0.00	0.51	3.92	0.00	0.00	0.00	0.00	0.00	0.00	4.36	2.97	0.75	0.35	0.02	0.00
NOx	70	ppm	12	1	21.64	21.61	22.06	22.74	25.47	22.90	25.88	17.53	28.53	18.25	17.58	20.35	22.37	27.00	27.22	22.71
HCl	15	ppm	12	1	0.17	0.14	0.21	3.04	1.07	0.36	0.13	0.33	0.22	0.29	5.45	8.42	6.17	2.78	1.74	1.73
CO	50	ppm	12	1	0.38	0.48	0.22	0.29	0.22	0.28	0.25	0.62	0.61	0.84	0.38	0.29	0.25	0.15	0.17	0.46
O_2		%	0	0.1	11.41	8.65	7.37	7.44	7.72	7.92	7.53	8.85	10.21	9.12	6.88	8.14	7.62	6.54	7.64	8.46
FL1		Sm³	12	10	9,833	12,371	13,637	13,799	13,562	13,266	13,698	12,383	11,000	12,278	14,754	13,183	13,786	14,369	13,611	12,813
TMP		℃	0	1	179.89	178.84	177.50	179.16	180.54	180.64	180.47	180.72	180.19	178.98	179.08	181.48	181.52	181.01	181.12	181.38
TM1		℃	0	1	1,056.77	1,024.56	1,081.65	1,115.03	1,087.91	1,082.65	1,081.99	1,031.21	1,052.69	1,000.74	1,069.23	1,060.82	1,075.27	1,128.27	1,117.24	1,063.33
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