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	0.78	0.62	0.61	0.58	0.63	0.55	0.61	0.62	0.74	0.68	0.58	0.58	0.60	0.62	0.57	0.60
SOx	30	ppm	12	1	0.12	8.39	0.48	5.52	3.20	2.35	1.41	0.78	0.00	0.00	0.00	1.17	0.00	0.00	0.21	0.00
NOx	70	ppm	12	1	12.85	11.43	15.01	18.56	13.94	21.45	16.74	17.88	18.18	12.70	19.28	18.06	24.27	17.04	23.07	21.07
HCl	15	ppm	12	1	1.63	0.43	3.45	2.82	2.09	2.08	5.28	7.21	14.99	1.95	0.52	1.91	1.26	0.98	0.61	1.04
CO	50	ppm	12	1	0.52	27.62	0.55	0.26	0.64	0.14	0.36	0.33	0.64	1.04	0.23	0.22	0.20	0.45	0.21	0.44
O_2		%	0	0.1	10.17	7.62	7.85	6.67	7.68	6.20	7.38	7.49	9.62	8.78	6.98	7.05	7.18	7.68	6.40	7.36
FL1		Sm³	12	10	10,070	13,935	13,134	14,283	13,180	14,879	13,777	13,402	11,716	11,850	13,707	13,600	13,808	13,164	14,823	13,846
TMP		℃	0	1	184.55	184.87	185.82	186.08	185.42	185.38	186.26	186.88	185.92	184.23	182.92	183.50	185.06	185.69	185.89	186.54
TM1		℃	0	1	1,048.99	1,027.60	1,034.55	1,086.35	1,072.15	1,081.11	1,050.47	1,048.85	1,035.36	1,001.51	1,067.01	1,064.05	1,072.23	1,041.48	1,078.01	1,047.33
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.48	36.48	36.48	36.47	36.47	36.47	36.48	36.48	36.48	36.47

					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	0.77	0.57	0.60	0.65	0.58	0.56	0.62	0.61	0.78	0.59	0.61	0.64	0.59	0.62	0.63	0.56
SOx	30	ppm	12	1	0.00	0.88	2.47	1.69	0.00	0.76	0.02	0.41	0.00	2.71	2.24	0.02	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	18.67	17.05	13.22	10.47	13.11	18.92	16.56	17.78	24.28	23.37	24.96	19.00	23.14	18.22	16.50	19.83
HCl	15	ppm	12	1	5.53	0.49	2.43	7.76	2.03	1.45	2.25	1.50	4.93	2.10	2.30	1.50	1.83	2.82	3.22	1.74
CO	50	ppm	12	1	0.92	0.51	0.73	0.80	0.58	0.25	0.31	0.31	0.21	0.12	0.17	0.26	0.17	0.34	0.35	0.18
O_2		%	0	0.1	10.03	6.76	7.36	8.74	7.13	6.46	7.71	7.28	10.16	7.04	7.22	8.09	6.93	7.70	7.86	6.66
FL1		Sm³	12	10	10,952	14,284	13,257	11,801	13,796	14,574	13,120	13,587	10,750	13,753	13,630	12,767	13,689	12,814	12,553	14,100
TMP		℃	0	1	186.68	185.89	184.96	184.04	183.27	184.21	185.59	185.66	185.64	185.88	185.95	185.47	184.61	183.95	182.75	182.42
TM1		℃	0	1	1,025.58	1,036.35	1,033.25	1,026.13	1,023.24	1,077.43	1,054.08	1,052.51	1,068.94	1,091.86	1,092.68	1,056.28	1,073.11	1,052.31	1,056.71	1,068.79
TM3		℃	0	1	36.48	36.48	36.48	36.48	36.48	36.48	36.48	36.48	36.48	36.48	36.48	36.49	36.48	36.49	36.49	36.49

					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	0.71	0.61	0.56	0.67	0.60	0.63	0.57	0.60	0.78	0.66	0.61	0.60	0.61	0.55	0.59	0.66
SOx	30	ppm	12	1	3.55	0.00	0.00	0.00	0.95	0.00	0.91	3.44	0.55	0.14	0.00	2.50	0.16	2.96	3.20	5.90
NOx	70	ppm	12	1	27.20	18.52	23.84	14.27	24.77	18.86	20.34	17.57	26.78	18.26	19.08	22.43	19.53	27.20	21.19	16.63
HCl	15	ppm	12	1	4.07	1.43	0.02	0.81	0.14	1.66	0.90	1.67	5.32	1.20	0.30	1.07	1.94	0.22	1.60	6.08
CO	50	ppm	12	1	9.80	0.33	0.20	0.47	0.22	0.37	0.17	0.39	0.29	0.28	0.14	0.10	7.75	0.09	0.22	0.59
O_2		%	0	0.1	9.12	7.63	6.64	8.94	7.28	8.17	6.63	7.00	10.32	8.12	7.30	7.27	7.50	5.83	6.86	7.92
FL1		Sm³	12	10	12,013	12,849	13,764	11,650	13,389	12,217	13,769	13,559	10,641	12,343	13,114	13,026	13,080	14,982	13,926	12,534
TMP		℃	0	1	182.78	183.36	184.09	184.02	183.22	183.19	182.86	183.26	184.60	184.60	183.46	182.94	183.50	184.57	185.07	185.11
TM1		℃	0	1	1,076.89	1,086.48	1,107.29	1,042.89	1,072.08	1,058.39	1,089.24	1,089.99	1,091.67	1,093.80	1,087.93	1,113.17	1,085.51	1,119.86	1,095.07	1,067.98
TM3		℃	0	1	36.49	36.49	36.49	36.47	36.48	36.48	36.49	36.49	36.49	36.50	36.49	36.50	36.50	36.50	36.50	36.50

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	0.80	0.54	0.63	0.58	0.60	0.66	0.67	0.58	0.87	0.68	0.58	0.69	0.57	0.60	0.61	0.62
SOx	30	ppm	12	1	0.12	6.66	1.94	10.31	7.82	3.16	0.32	9.15	9.70	0.01	8.23	0.00	4.61	4.58	18.14	0.00
NOx	70	ppm	12	1	22.36	21.64	15.74	24.44	22.73	14.00	21.34	25.88	21.61	16.02	22.61	14.14	25.42	25.84	21.31	28.16
HCl	15	ppm	12	1	13.63	0.14	2.13	2.79	5.56	9.74	6.11	4.59	13.45	1.39	0.98	2.73	2.58	4.87	9.11	5.04
CO	50	ppm	12	1	0.66	20.33	0.26	0.55	0.39	0.38	0.38	0.22	0.78	0.63	0.12	0.54	0.10	0.10	17.95	0.16
O_2		%	0	0.1	10.22	5.64	7.70	6.45	6.61	7.84	8.21	6.41	10.71	8.17	6.07	8.34	5.82	6.56	6.26	6.99
FL1		Sm³	12	10	10,261	15,413	13,004	14,212	14,104	12,633	12,537	15,005	9,833	12,717	15,014	12,270	14,704	14,322	14,611	14,139
TMP		℃	0	1	183.95	183.29	184.58	185.11	185.02	184.85	183.80	184.29	187.34	185.55	183.21	184.10	183.16	184.15	185.44	185.15
TM1		℃	0	1	1,051.51	1,080.28	1,077.38	1,109.72	1,084.49	1,072.63	1,041.04	1,075.97	1,043.13	1,001.16	1,082.57	1,033.97	1,102.71	1,115.85	1,138.63	1,090.79
TM3		℃	0	1	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.50	36.50	36.50	36.49	36.49	36.50	36.50	36.50	36.50

					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	0.78	0.64	0.61	0.61	0.66	0.60	0.59	0.62	0.74	0.58	0.60	0.66	0.54	0.58	0.55	0.55
SOx	30	ppm	12	1	0.09	1.27	0.00	0.09	1.41	0.00	0.11	1.40	1.29	3.48	0.00	0.00	1.60	0.15	0.77	4.14
NOx	70	ppm	12	1	38.88	23.04	23.11	25.76	20.02	25.65	24.78	22.35	22.30	27.74	27.14	21.14	24.75	28.11	23.00	22.55
HCl	15	ppm	12	1	9.28	0.59	0.47	0.32	1.17	0.43	0.87	3.34	12.29	1.15	0.41	0.92	0.90	0.25	0.00	0.27
CO	50	ppm	12	1	0.09	8.94	0.15	0.06	0.64	9.50	0.15	1.18	1.52	0.79	0.07	0.19	3.07	0.08	23.30	11.46
O_2		%	0	0.1	9.40	7.45	7.11	7.15	7.91	6.89	6.64	7.24	9.81	6.55	7.26	8.47	5.96	6.96	6.11	6.12
FL1		Sm³	12	10	11,745	13,240	13,507	13,565	12,758	13,914	14,341	13,131	11,436	14,122	13,504	12,056	14,622	13,788	14,531	14,073
TMP		℃	0	1	185.23	185.36	184.60	184.59	184.73	184.79	185.13	185.18	184.44	184.69	185.41	185.06	184.51	185.42	185.24	184.54
TM1		℃	0	1	1,123.12	1,125.93	1,087.30	1,116.61	1,081.10	1,088.99	1,083.58	1,106.27	1,067.65	1,133.35	1,111.53	1,066.93	1,110.51	1,124.26	1,133.49	1,130.57
TM3		℃	0	1	36.50	36.50	36.50	36.51	36.51	36.51	36.51	36.51	36.51	36.50	36.50	36.49	36.49	36.48	36.49	36.48

					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	0.75	0.64	0.55	0.61	0.53	0.54	0.67	0.57	0.81	0.63	0.65	0.54	0.61	0.56	0.61	0.63
SOx	30	ppm	12	1	4.48	0.00	0.86	0.86	0.63	0.42	0.01	2.91	0.00	0.00	0.48	10.61	0.30	2.59	1.17	0.00
NOx	70	ppm	12	1	32.22	17.53	18.42	19.40	19.75	19.61	12.03	22.35	13.68	14.74	13.38	25.46	21.72	26.81	24.38	23.11
HCl	15	ppm	12	1	5.31	0.16	0.04	0.67	0.00	0.00	0.62	0.55	10.04	1.85	1.81	0.43	0.11	0.02	2.26	2.81
CO	50	ppm	12	1	0.12	0.43	21.16	0.54	0.40	1.04	0.87	0.44	1.03	0.85	0.94	0.49	0.30	0.16	0.14	0.22
O_2		%	0	0.1	9.47	8.16	6.05	7.54	5.38	5.38	8.47	6.44	11.41	8.18	8.19	5.35	7.30	6.03	7.31	7.89
FL1		Sm³	12	10	10,959	12,200	14,464	14,060	15,877	15,743	12,267	15,600	10,805	12,805	13,213	15,963	13,751	15,035	13,445	12,930
TMP		℃	0	1	185.28	184.50	183.53	185.22	186.60	186.96	186.23	185.82	186.79	185.80	184.61	185.98	186.92	186.15	185.92	185.94
TM1		℃	0	1	1,115.47	1,043.71	1,103.51	1,027.79	1,082.53	1,083.39	1,017.57	1,034.84	975.71	981.31	981.72	1,098.79	1,077.52	1,098.38	1,096.00	1,070.29
TM3		℃	0	1	36.48	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.48	36.47	36.48	36.49	36.48	36.49	36.48

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	0.76	0.64	0.55	0.58	0.57	0.55	0.57	0.53	0.80	0.57	0.58	0.62	0.63	0.62	0.61	0.61
SOx	30	ppm	12	1	0.39	2.45	3.84	0.00	0.00	0.02	0.01	0.13	0.00	0.57	0.00	0.00	0.34	0.93	0.91	0.00
NOx	70	ppm	12	1	27.73	20.12	27.72	22.67	23.20	21.41	18.49	23.33	24.78	20.34	20.70	13.95	22.20	24.49	24.44	15.96
HCl	15	ppm	12	1	6.85	1.24	0.04	0.00	0.00	0.00	0.00	0.00	4.08	0.00	0.00	0.00	0.00	0.00	0.01	0.00
CO	50	ppm	12	1	0.33	0.48	8.64	0.20	0.17	2.24	0.24	0.12	0.25	4.81	0.21	0.27	0.27	0.22	0.26	0.39
O_2		%	0	0.1	9.17	7.58	5.59	6.42	6.57	5.89	6.12	5.10	10.03	6.03	6.46	7.32	7.21	7.19	6.81	7.15
FL1		Sm³	12	10	11,956	13,491	15,194	14,150	13,984	14,818	14,723	15,677	10,745	14,803	14,459	13,357	14,582	14,516	15,036	13,721
TMP		℃	0	1	186.03	186.53	186.29	185.70	185.46	185.61	185.66	185.96	185.73	185.60	185.98	185.71	186.06	187.18	187.86	186.69
TM1		℃	0	1	1,057.55	1,047.87	1,086.85	1,076.26	1,084.07	1,095.86	1,077.37	1,122.15	1,079.79	1,090.92	1,062.16	1,041.53	1,044.09	1,060.72	1,059.91	1,039.49
TM3		℃	0	1	36.49	36.49	36.49	36.49	36.49	36.50	36.50	36.50	36.50	36.51	36.50	36.51	36.51	36.51	36.51	36.50

					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	0.74	0.55	0.58	0.56	0.54	0.56	0.59	0.59	0.71	0.53	0.56	0.55	0.57	0.57	0.53	0.57
SOx	30	ppm	12	1	0.00	0.81	0.01	0.00	0.13	0.39	1.29	1.43	0.00	0.00	0.02	0.01	0.00	0.14	11.83	5.51
NOx	70	ppm	12	1	25.45	24.05	20.33	19.44	19.94	18.96	17.76	12.00	25.46	21.80	16.64	18.74	21.37	21.08	21.25	12.03
HCl	15	ppm	12	1	2.63	0.00	0.00	0.00	0.00	0.00	0.18	0.70	3.32	0.00	0.00	0.00	0.41	2.65	9.48	10.03
CO	50	ppm	12	1	0.35	0.12	3.11	0.25	5.24	6.69	14.40	12.63	0.28	0.17	1.91	0.12	0.09	0.12	1.20	35.08
O_2		%	0	0.1	8.37	5.61	6.38	6.24	5.38	5.78	6.77	7.02	8.32	5.49	6.43	6.36	6.95	6.73	5.63	6.67
FL1		Sm³	12	10	12,463	14,987	14,440	14,616	15,719	14,918	14,000	13,604	12,117	14,976	13,864	14,153	13,317	13,637	14,676	13,370
TMP		℃	0	1	186.11	186.17	185.91	185.69	186.02	186.29	185.05	184.19	184.68	184.83	183.65	183.25	183.84	184.38	184.61	183.87
TM1		℃	0	1	1,058.43	1,110.59	1,088.14	1,085.87	1,099.48	1,109.05	1,063.16	1,060.91	1,087.43	1,133.84	1,093.87	1,104.66	1,102.01	1,096.63	1,122.67	1,106.72
TM3		℃	0	1	36.50	36.50	36.51	36.50	36.51	36.50	36.49	36.49	36.48	36.48	36.47	36.47	36.48	36.47	36.47	36.47

					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	0.72	0.57	0.61	0.59	0.61	0.59	0.68	0.57	0.80	0.60	0.62	0.61	0.59	0.66	0.57	0.66
SOx	30	ppm	12	1	0.00	0.63	1.83	0.00	0.00	2.01	0.12	7.26	0.00	13.09	13.49	0.37	3.06	0.00	5.22	0.00
NOx	70	ppm	12	1	19.61	25.74	20.67	23.01	18.72	23.54	17.23	24.44	23.64	21.62	16.40	21.03	20.46	16.66	22.56	13.33
HCl	15	ppm	12	1	11.30	0.44	1.12	1.17	0.83	3.31	4.64	2.52	8.38	3.60	4.87	3.95	3.89	5.12	3.80	5.67
CO	50	ppm	12	1	1.43	2.14	0.62	0.53	0.58	0.26	0.75	0.71	0.67	10.27	30.65	0.68	0.52	0.69	0.35	0.80
O_2		%	0	0.1	9.91	6.54	7.54	7.02	7.58	7.21	8.58	6.28	10.94	6.77	7.21	7.36	6.89	8.39	6.42	8.39
FL1		Sm³	12	10	11,560	14,867	13,862	14,742	13,829	14,006	12,603	15,226	10,934	14,451	13,836	13,687	14,042	12,693	14,811	12,545
TMP		℃	0	1	182.74	183.69	185.00	185.88	185.58	185.60	185.25	185.43	185.95	185.75	185.27	184.60	184.71	184.86	184.77	184.57
TM1		℃	0	1	1,065.12	1,120.77	1,052.86	1,053.19	1,036.62	1,065.65	1,024.51	1,105.29	1,022.20	1,078.33	1,064.42	1,044.38	1,088.75	1,019.72	1,080.79	1,014.59
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.48	36.47	36.47	36.48	36.48	36.48