8월 16일 굴뚝별 트랜드

					08-16 00:00	08-16 00:30	08-16 01:00	08-16 01:30	08-16 02:00	08-16 02:30	08-16 03:00	08-16 03:30	08-16 04:00	08-16 04:30	08-16 05:00	08-16 05:30	08-16 06:00	08-16 06:30	08-16 07:00	08-16 07:30
TSP	20	mg/Sm³	12	1	0.61	0.5	0.47	0.46	0.53	0.45	0.51	0.52	0.62	0.47	0.48	0.46	0.5	0.49	0.48	0.46
SOx	30	ppm	12	1	0	0	0	0	0	0	0	0	0	0	0	0.6	0	0	0	2.77
NOx	70	ppm	12	1	20.33	16.61	19.36	15.89	16.88	17.78	14.93	19.31	22.11	17.81	19.14	16.89	20.57	16.54	15.13	20.05
HCl	15	ppm	12	1	5.73	4.98	5.88	5.58	4.44	3.49	4.8	3.74	4.39	5.68	6.42	5.55	6.29	4.48	5.16	5.84
CO	50	ppm	12	1	0.57	0.49	0.41	0.46	2.09	1.33	0.65	0.68	0.69	0.66	0.61	0.89	0.36	0.32	0.4	5.42
O_2		%	0	0.1	10.43	7.52	7.07	7.21	8.18	6.23	8.57	8.02	9.61	6.79	7.11	6.39	7.6	7.09	7.49	6.5
FL1		Sm³	12	10	11,428.3	13,937.1	14,359.6	14,129.6	13,280.4	15,310.2	12,698.5	13,460	12,304.6	14,731.6	14,409.8	15,136.4	13,906.2	14,510	13,874.6	14,943.1
TMP		℃	0	1	187.08	187.1	187.31	187.27	186.73	186.53	186.31	186.24	186.99	187.59	187.54	187.37	187.17	186.96	186.8	186.97
TM1		℃	0	1	1,028.87	1,034.03	1,065.31	1,075.41	998.33	1,110.29	998.45	1,011.78	1,062.97	1,087.65	1,063.86	1,102.1	1,046.03	1,064.95	1,050.49	1,099.09
TM3		℃	0	1	36.27	36.26	36.26	36.26	36.27	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28

					08-16 08:00	08-16 08:30	08-16 09:00	08-16 09:30	08-16 10:00	08-16 10:30	08-16 11:00	08-16 11:30	08-16 12:00	08-16 12:30	08-16 13:00	08-16 13:30	08-16 14:00	08-16 14:30	08-16 15:00	08-16 15:30
TSP	20	mg/Sm³	12	1	0.58	0.45	0.49	0.5	0.5	0.52	0.5	0.48	0.7	0.51	0.46	0.46	0.49	0.49	0.51	0.51
SOx	30	ppm	12	1	0	1.04	0	0	0.01	0.74	0	0.08	0	3.59	1.83	0	0	0	0	0
NOx	70	ppm	12	1	23.59	18.41	17.74	19.62	16.18	17.18	16.35	19.82	23.96	20.38	15.78	18.03	17	17.74	16.42	14.66
HCl	15	ppm	12	1	7.28	5.91	6.58	4.48	4.07	5.61	5.62	5.28	6.4	4.81	8.69	4.52	4.01	4.7	6.48	5.05
CO	50	ppm	12	1	0.8	0.73	0.29	0.26	0.36	0.18	0.27	0.2	0.35	8.39	1.51	0.25	0.44	0.27	0.4	0.74
O_2		%	0	0.1	9.68	6.36	8.09	7.23	6.71	6.26	7.3	6.92	10.41	6.17	6.8	7.47	8.1	6.96	7.49	7.86
FL1		Sm³	12	10	12,460.2	15,056.8	13,048.9	14,295.6	15,047.5	15,141.9	14,013.2	14,353.2	11,518	15,548.3	14,554.2	13,757.8	13,171.8	14,604.4	14,061.8	13,509.8
TMP		℃	0	1	186.69	187.15	187.19	187.13	187.69	188.02	188.02	188.09	187.96	188.3	188.53	187.19	186.5	187.61	188.58	188.12
TM1		℃	0	1	1,049.97	1,115.78	1,045.36	1,066.95	1,070.42	1,111.62	1,070.15	1,088.04	1,036.03	1,107.39	1,100.91	1,070.19	1,025.27	1,053.81	1,022.39	1,002.32
TM3		℃	0	1	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28

					08-16 16:00	08-16 16:30	08-16 17:00	08-16 17:30	08-16 18:00	08-16 18:30	08-16 19:00	08-16 19:30	08-16 20:00	08-16 20:30	08-16 21:00	08-16 21:30	08-16 22:00	08-16 22:30	08-16 23:00	08-16 23:30
TSP	20	mg/Sm³	12	1	0.59	0.46	0.42	0.45	0.46	0.47	0.45	0.45	0.53	0.31	0.44	0.44	0.44	0.5	0.43	0.47
SOx	30	ppm	12	1	0	0	0.05	0.43	0	0	0.18	0.06	0	0	0	0.36	0.76	0	2.56	12.1
NOx	70	ppm	12	1	17.89	16.34	17.4	19.23	19.29	13.89	15.41	17.2	18.94	13.95	15.06	18.31	16.99	12.55	17.53	13.79
HCl	15	ppm	12	1	4.07	3.07	4.98	8.1	6.78	6.12	6.48	6.66	6.77	3.66	3.56	3.37	4.72	4.98	4.01	11.28
CO	50	ppm	12	1	0.52	0.58	0.62	0.28	0.67	0.41	0.26	0.21	0.23	0.18	0.17	0.3	0.2	0.73	0.34	0.28
O_2		%	0	0.1	10.12	7.66	6.63	6.7	6.46	7.25	6.82	6.17	9.49	6.45	7.39	6.78	7.25	9.23	6.46	7.71
FL1		Sm³	12	10	11,463.2	13,544.9	14,528.6	14,653.3	15,061.3	14,009.6	14,504.3	15,287.8	11,700.7	13,119.9	13,667.2	14,430.5	13,780.6	11,827.4	14,922.3	13,525.4
TMP		℃	0	1	186.98	186.27	187.09	188.44	188.59	187.99	187.66	187.96	187.63	185.79	185.2	185.66	186.56	186.43	186.22	186.73
TM1		℃	0	1	1,032.19	1,033.79	1,090.67	1,080.45	1,097.49	1,056.72	1,075.07	1,115.75	1,121.69	1,127.96	1,096.75	1,129.76	1,118.17	1,016.8	1,129.18	1,071.27
TM3		℃	0	1	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28

8월 17일 굴뚝별 트랜드

					08-17 00:00	08-17 00:30	08-17 01:00	08-17 01:30	08-17 02:00	08-17 02:30	08-17 03:00	08-17 03:30	08-17 04:00	08-17 04:30	08-17 05:00	08-17 05:30	08-17 06:00	08-17 06:30	08-17 07:00	08-17 07:30
TSP	20	mg/Sm³	12	1	0.59	0.49	0.44	0.47	0.44	0.46	0.46	0.48	0.56	0.55	0.54	0.55	0.54	0.53	0.5	0.47
SOx	30	ppm	12	1	0	0	0	0	0.83	0	0	0.05	5.35	0	0	0	0	0	0	0
NOx	70	ppm	12	1	17.59	13.96	13.82	13.69	15.26	9.03	9.95	14.29	14.41	10.95	16.63	20.07	15	16.78	19	14.86
HCl	15	ppm	12	1	7.35	3.51	2.83	3.3	4.07	5.31	5.25	5.73	7.26	8.09	5.43	4.61	4.29	4.23	4.01	3.74
CO	50	ppm	12	1	0.32	0.56	0.28	0.27	0.15	0.29	0.26	1.27	0.37	0.27	0.18	0.13	0.08	0.16	0.1	0.24
O_2		%	0	0.1	10.54	8.64	7.54	7.68	6.65	7.88	7.67	9.58	9.87	7.85	6.69	6.67	6.86	7.92	7.83	8.23
FL1		Sm³	12	10	11,184.1	12,527.4	13,623.2	13,635.7	14,590.5	13,302.8	13,496.3	11,245.5	11,656.8	13,901.2	15,387.3	15,500	15,119.5	13,737.5	13,615.3	12,879
TMP		℃	0	1	185.85	184.14	183.71	184.51	185.36	185.69	186.1	185.27	184.39	186.17	187.38	187.27	186.8	186.45	186.6	185.89
TM1		℃	0	1	1,056.23	1,021.22	1,077.27	1,060.73	1,115	1,059.41	1,065.26	969.01	1,063.42	1,048.78	1,098.28	1,106.37	1,095.56	1,054.85	1,067.67	1,055.67
TM3		℃	0	1	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28

					08-17 08:00	08-17 08:30	08-17 09:00	08-17 09:30	08-17 10:00	08-17 10:30	08-17 11:00	08-17 11:30	08-17 12:00	08-17 12:30	08-17 13:00	08-17 13:30	08-17 14:00	08-17 14:30	08-17 15:00	08-17 15:30
TSP	20	mg/Sm³	12	1	0.58	0.45	0.48	0.48	0.51	0.35	0.34	0.35	0.35	0.34	0.34	0.35	0.33	0.34	0.35	0.35
SOx	30	ppm	12	1	0.35	0.01	0	0	0	26.21	16.75	0	0.01	0.03	0	0.01	7.17	0	0	0
NOx	70	ppm	12	1	19.09	13.49	15.08	16.59	11.64	62.11	38.82	0.01	0.07	0.15	0.14	0.09	19.11	0.15	0.05	0.08
HCl	15	ppm	12	1	3.84	4.78	3.94	3.25	4.22	22.06	0.37	0.22	0.07	0	0	0.01	9.47	0	0	0
CO	50	ppm	12	1	0.21	0.19	0.45	0.14	0.37	81.95	51.56	0	0	0	0.01	0.01	22.14	0	0	0
O_2		%	0	0.1	10.26	8.35	8.9	7.81	8.78	0.22	16.29	21.37	21.24	21.14	21.14	21.14	14.79	20.94	20.91	20.91
FL1		Sm³	12	10	11,650.2	12,566.3	12,116.9	13,524.4	12,378.8	18,905.8	18,705.8	18,813.7	18,766.9	18,676.8	18,651.9	18,785.9	18,539.7	18,815	18,859.2	18,791
TMP		℃	0	1	185.98	186.14	185.65	185.14	186.32	186.86	186.95	186.67	186.94	187.42	187.58	187.64	187.35	187.03	187.45	187.98
TM1		℃	0	1	1,062.18	1,059.01	1,025.02	1,079.98	1,023.6	1,083.57	1,021.52	1,040.06	1,073.99	1,073.6	1,086.45	1,087.33	1,019.38	1,075.97	1,069.09	1,108.18
TM3		℃	0	1	36.28	36.28	36.28	36.28	36.28	36.28	36.26	36.26	36.25	36.27	36.27	36.28	36.27	36.26	36.26	36.28

					08-17 16:00	08-17 16:30	08-17 17:00	08-17 17:30	08-17 18:00	08-17 18:30	08-17 19:00	08-17 19:30	08-17 20:00	08-17 20:30	08-17 21:00	08-17 21:30	08-17 22:00	08-17 22:30	08-17 23:00	08-17 23:30
TSP	20	mg/Sm³	12	1	0.34	0.5	0.47	0.48	0.48	0.49	0.49	0.51	0.62	0.37	0.44	0.42	0.47	0.48	0.45	0.47
SOx	30	ppm	12	1	0.01	0	0	0	0	0	0	0	0	0	0	0.07	1.63	0.64	0	0
NOx	70	ppm	12	1	3.81	16.36	19.54	16.26	17.38	18	17.37	16.87	24.46	15.76	12.68	13.85	22.12	15.49	17.04	14.43
HCl	15	ppm	12	1	2.43	7.12	5.03	4.16	4.25	4.4	5.21	5.88	6.96	4.47	5	3.67	3.42	7.58	4.37	4.47
CO	50	ppm	12	1	0.06	0.49	0.25	0.34	0.27	0.25	0.3	0.26	0.28	0.36	0.3	0.34	0.21	0.27	0.24	0.56
O_2		%	0	0.1	19.15	8.44	7.5	7.74	7.69	7.35	7.43	7.53	9.79	6.56	7.93	7.64	6.86	7.79	7.3	8.44
FL1		Sm³	12	10	18,775.4	12,741.9	13,778.5	13,583.4	13,695.1	14,104.8	14,065	14,010.5	11,701.2	13,794.3	12,758	13,111.4	14,644.7	13,391.8	13,897.5	12,567.3
TMP		℃	0	1	188.3	188.07	187.38	186.67	186.71	187.09	187.44	187.65	187.78	186.69	185.41	185.17	185.5	186.88	186.73	186.19
TM1		℃	0	1	1,095.8	1,027.89	1,064.83	1,051.27	1,055.95	1,063.49	1,061.62	1,055.79	1,080.6	1,098.07	1,049.19	1,067.13	1,105.76	1,064.78	1,068.67	1,005.24
TM3		℃	0	1	36.28	36.26	36.26	36.27	36.27	36.28	36.27	36.27	36.27	36.28	36.28	36.28	36.28	36.28	36.28	36.28

8월 18일 굴뚝별 트랜드

					08-18 00:00	08-18 00:30	08-18 01:00	08-18 01:30	08-18 02:00	08-18 02:30	08-18 03:00	08-18 03:30	08-18 04:00	08-18 04:30	08-18 05:00	08-18 05:30	08-18 06:00	08-18 06:30	08-18 07:00	08-18 07:30
TSP	20	mg/Sm³	12	1	0.59	0.51	0.33	0.37	0.42	0.44	0.43	0.46	0.55	0.43	0.43	0.47	0.51	0.48	0.43	0.43
SOx	30	ppm	12	1	0	0	0	0	0	0	0	0	0	0	0.43	0.26	0.05	0	0	0
NOx	70	ppm	12	1	17.51	15.78	9.45	10.05	14.28	11.01	15.39	10.27	16.46	14.78	12.55	12.38	9.23	16.2	19.68	15.64
HCl	15	ppm	12	1	4.07	3.54	3.3	3.46	3.25	4.03	3.21	4.41	4.18	3.8	6.36	4.51	5.18	3.65	4.36	4.58
CO	50	ppm	12	1	0.84	1.07	1.91	0.5	0.16	0.28	0.17	0.32	0.4	0.18	0.3	0.35	0.5	0.17	0.12	0.19
O_2		%	0	0.1	10.06	7.63	6.39	6.42	6.55	7.4	6.26	7.6	10.22	6.51	7.45	7.61	8.11	6.82	6.6	7.03
FL1		Sm³	12	10	11,615.6	13,833.3	13,802.5	14,208.4	14,603.8	13,738.5	15,092.5	13,606	11,184.6	14,764.3	13,503.5	13,641.6	13,258.8	14,722.2	14,514.6	14,036.9
TMP		℃	0	1	185.17	185.76	184.65	183.88	184.9	185.81	186.04	185.74	185.48	186.26	186.45	185.93	185.9	185.88	186.26	186.01
TM1		℃	0	1	1,003.19	991.11	1,032.13	1,061.9	1,078.53	1,042.39	1,086.5	1,033.69	1,060.61	1,088.08	1,058.42	1,036.94	1,019.99	1,081.55	1,095.88	1,077.42
TM3		℃	0	1	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28

					08-18 08:00	08-18 08:30	08-18 09:00	08-18 09:30	08-18 10:00	08-18 10:30	08-18 11:00	08-18 11:30	08-18 12:00	08-18 12:30	08-18 13:00	08-18 13:30	08-18 14:00	08-18 14:30	08-18 15:00	08-18 15:30
TSP	20	mg/Sm³	12	1	0.55	0.43	0.45	0.46	0.51	0.4	0.42	0.49	0.57	0.45	0.43	0.46	0.43	0.42	0.42	0.42
SOx	30	ppm	12	1	0	0	0	0	0	0	2.48	0	0	1.41	0	0	0	0	0	0
NOx	70	ppm	12	1	20.17	16.94	16.11	15.55	18.54	13.48	14.63	13.81	16.57	14.89	12.9	13.54	15.98	16.64	16.49	13.41
HCl	15	ppm	12	1	5.13	3.5	4.16	3.55	3.84	4.59	10.54	7.2	6.13	4.56	6.78	4.96	3.53	4.94	4.5	4.71
CO	50	ppm	12	1	0.34	0.28	0.41	0.35	0.56	0.41	0.22	0.39	0.43	0.64	0.41	0.78	0.36	0.32	0.25	0.33
O_2		%	0	0.1	10.2	7.06	7.58	6.77	8.07	8.13	7.16	7.83	10.54	7.04	8.44	9.08	6.82	7.14	6.53	6.68
FL1		Sm³	12	10	10,858.2	14,112	13,562.3	14,734.5	13,291.2	12,390.5	13,688.4	13,464.5	11,012.3	14,064.5	12,163.7	11,654.3	14,322.6	13,768.1	14,543.6	14,391.7
TMP		℃	0	1	185.9	185.62	185.68	185.85	184.83	182.75	184.07	186.42	186.44	187.07	187.02	186.63	186.05	186.95	187.43	187.45
TM1		℃	0	1	1,050.99	1,056.05	1,030.75	1,062.97	1,037.35	1,034.53	1,090.75	1,034.67	1,020.31	1,062.3	1,044.87	991.15	1,051.12	1,055.48	1,067.02	1,061.5
TM3		℃	0	1	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28

					08-18 16:00	08-18 16:30	08-18 17:00	08-18 17:30	08-18 18:00	08-18 18:30	08-18 19:00	08-18 19:30	08-18 20:00	08-18 20:30	08-18 21:00	08-18 21:30	08-18 22:00	08-18 22:30	08-18 23:00	08-18 23:30
TSP	20	mg/Sm³	12	1	0.57	0.43	0.43	0.44	0.42	0.44	0.42	0.41	0.51	0.47	0.48	0.47	0.38	0.46	0.45	0.47
SOx	30	ppm	12	1	0	0.2	3.01	0	0	0	0	0	0	0	0	0	0	0	0	0
NOx	70	ppm	12	1	14.89	12.8	10.78	12.67	16.33	12.21	18.63	11.37	16.45	10.71	9.26	15.78	15.82	18.62	16.01	15.02
HCl	15	ppm	12	1	4.95	4.2	8.28	5.76	5.88	5.91	4.54	5.42	4.84	5.2	5.56	4.01	4.48	3.94	3.21	3.04
CO	50	ppm	12	1	0.69	0.46	4.25	0.32	0.26	0.53	0.25	0.48	0.58	0.39	0.49	0.2	0.26	0.32	0.38	0.36
O_2		%	0	0.1	9.87	6.29	6.09	6.79	7.06	8.25	6.91	8.28	10.71	7.85	8.29	6.81	6.82	7.85	7.28	6.75
FL1		Sm³	12	10	11,721.4	15,096	15,276.5	14,374.3	13,919.9	12,442.3	14,137.4	12,186	11,123.1	13,327.7	12,778.6	14,607.7	13,645.9	13,166.6	13,893.3	14,698.3
TMP		℃	0	1	187.17	187.15	188.57	188.21	187.58	186.51	186.4	185.82	185.33	186.08	186.28	186.78	186.25	185.39	185.72	186.39
TM1		℃	0	1	1,015.43	1,048.18	1,065.1	1,050.71	1,060.89	1,026.15	1,092.09	1,034.75	1,020.85	1,035.18	1,022.03	1,071.65	1,092.21	1,055.81	1,058.79	1,066.21
TM3		℃	0	1	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28