8월 19일 굴뚝별 트랜드

					08-19 00:00	08-19 00:30	08-19 01:00	08-19 01:30	08-19 02:00	08-19 02:30	08-19 03:00	08-19 03:30	08-19 04:00	08-19 04:30	08-19 05:00	08-19 05:30	08-19 06:00	08-19 06:30	08-19 07:00	08-19 07:30
TSP	20	mg/Sm³	12	1	0.59	0.48	0.47	0.48	0.48	0.47	0.48	0.46	0.59	0.43	0.42	0.45	0.43	0.44	0.56	0.58
SOx	30	ppm	12	1	0	0	0	0	0	0	0	0	0	0	0	0.54	0	0	0	0.2
NOx	70	ppm	12	1	22.05	14.8	14.66	13.83	16.25	15.37	16.18	15.97	18.51	14.97	11.2	11.93	9.03	8.56	8.94	16.69
HCl	15	ppm	12	1	4.09	3.3	3.49	4.02	4.42	5.07	4.01	3.86	3.84	2.6	3.96	3.01	5.42	4.59	4.55	5.74
CO	50	ppm	12	1	0.38	0.56	0.44	0.51	0.34	0.33	0.39	0.38	0.5	0.34	0.45	0.79	0.44	0.38	0.6	0.25
O_2		%	0	0.1	10.13	7.67	7.36	7.67	6.96	7.23	7.38	7.55	9.84	6.57	7.34	6.53	7.05	7.17	7.98	6.48
FL1		Sm³	12	10	11,354.8	13,656.8	13,903.5	13,614.1	14,482.5	14,114.6	14,010.4	13,694	11,328.5	14,651.1	13,537.2	14,779.1	13,976.8	13,954.8	13,715.8	15,740.7
TMP		℃	0	1	186.59	185.9	186.02	185.93	186.34	186.51	186.21	185.8	185.4	185.11	185.27	185.32	186.02	186.36	186.48	187.63
TM1		℃	0	1	1,051.53	1,027.65	1,036.47	1,031.66	1,051.83	1,064.31	1,040.57	1,043.09	1,049.92	1,068.11	1,042.73	1,065.01	1,050.93	1,045.09	998.6	1,078.09
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

					08-19 08:00	08-19 08:30	08-19 09:00	08-19 09:30	08-19 10:00	08-19 10:30	08-19 11:00	08-19 11:30	08-19 12:00	08-19 12:30	08-19 13:00	08-19 13:30	08-19 14:00	08-19 14:30	08-19 15:00	08-19 15:30
TSP	20	mg/Sm³	12	1	0.72	0.54	0.41	0.44	0.45	0.4	0.39	0.44	0.65	0.57	0.57	0.45	0.4	0.4	0.42	0.39
SOx	30	ppm	12	1	0	1.8	0	0	0	0.74	0	0	0.3	0	0	0.05	0	0	0	0.17
NOx	70	ppm	12	1	18.38	13.32	12.77	9.98	10.97	14.2	18.28	18.42	22.13	14.31	13.01	15.83	13.85	10.37	12.16	13.27
HCl	15	ppm	12	1	8.01	4.86	6.58	5.23	3.58	4.47	7.19	4.38	6.97	4.99	5.81	4.9	4.29	4.18	5.3	7.62
CO	50	ppm	12	1	0.46	0.43	0.29	0.59	0.65	0.22	0.25	0.22	0.72	0.39	0.4	0.19	0.22	0.36	0.41	0.28
O_2		%	0	0.1	10.4	6.36	6.04	7.93	8.04	7.02	7.59	7.62	11.57	7.84	7.91	6.67	7.23	7.72	7.74	7.28
FL1		Sm³	12	10	11,722.1	15,614.3	15,093.7	12,857.4	12,796.8	13,583.5	12,730.6	13,148.4	10,028.8	13,822.5	13,706.7	14,367.1	13,329.2	12,744.9	12,852.2	13,155.3
TMP		℃	0	1	188.08	188.44	188.01	186.93	185.77	185.26	186.2	185.77	186.42	187.32	187.93	187.77	186.65	186.33	186.32	186.53
TM1		℃	0	1	1,045.75	1,079.54	1,100.43	1,037.69	1,019.43	1,081.07	1,095.7	1,085.26	1,045.35	1,037.91	1,027.35	1,097.83	1,073.57	1,056.9	1,044.74	1,073.52
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

					08-19 16:00	08-19 16:30	08-19 17:00	08-19 17:30	08-19 18:00	08-19 18:30	08-19 19:00	08-19 19:30	08-19 20:00	08-19 20:30	08-19 21:00	08-19 21:30	08-19 22:00	08-19 22:30	08-19 23:00	08-19 23:30
TSP	20	mg/Sm³	12	1	0.51	0.49	0.47	0.44	0.39	0.36	0.37	0.37	0.47	0.37	0.36	0.38	0.34	0.38	0.39	0.4
SOx	30	ppm	12	1	0	2.59	2.32	7.83	0	0.23	0	0	4.94	0	0	0	2.73	0	0.43	0
NOx	70	ppm	12	1	12.38	16.84	15.09	19.34	12.04	15.28	7.61	8.79	17.49	10.55	15.1	13.42	17.86	17.4	15.71	15.55
HCl	15	ppm	12	1	9.2	8.17	10.32	10.58	6.87	4.32	5.67	4.72	6.37	6.43	4.3	4.27	4.03	5.07	6.16	7.25
CO	50	ppm	12	1	0.51	0.3	0.45	0.35	0.63	0.28	0.4	0.26	3.62	0.26	0.28	0.3	1.51	0.29	0.4	0.21
O_2		%	0	0.1	10.68	7.84	8.31	7.7	8.19	6.68	7.84	7.33	8.92	7.79	6.96	7.54	5.78	7.23	7.13	6.87
FL1		Sm³	12	10	10,770.5	13,348.9	12,852.2	13,273.6	12,054.1	13,567	12,308.1	12,780.6	11,087.5	12,275.9	13,277.8	12,799.5	14,485.6	13,105.7	13,429.8	13,740.8
TMP		℃	0	1	186.52	187	187.37	186.92	185.01	183.91	184.39	185.12	185.34	185.76	185.62	184.9	184.78	184.77	184.92	185.92
TM1		℃	0	1	1,039.85	1,062.83	1,041.16	1,070.83	1,025.21	1,091.59	1,052.39	1,070.31	1,133.86	1,066.11	1,093.76	1,063.63	1,146.28	1,102.35	1,102.31	1,105.86
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 20일 굴뚝별 트랜드

					08-20 00:00	08-20 00:30	08-20 01:00	08-20 01:30	08-20 02:00	08-20 02:30	08-20 03:00	08-20 03:30	08-20 04:00	08-20 04:30	08-20 05:00	08-20 05:30	08-20 06:00	08-20 06:30	08-20 07:00	08-20 07:30
TSP	20	mg/Sm³	12	1	0.49	0.41	0.4	0.42	0.38	0.38	0.46	0.44	0.56	0.44	0.44	0.44	0.45	0.42	0.4	0.41
SOx	30	ppm	12	1	0	0	0	0	0.5	3.1	0.22	0.59	0.21	0.25	0	0	0	9.15	0.08	0.31
NOx	70	ppm	12	1	18.03	10.69	14.17	13.75	15.11	19.91	15.78	21.63	31.03	23.75	23.6	23.23	23.03	25.27	14.62	21.38
HCl	15	ppm	12	1	6.81	4.53	3.27	3.23	4	7.37	8.85	5.3	4.48	5.33	3.1	2.68	3.35	3.37	11.18	4.37
CO	50	ppm	12	1	0.33	0.37	0.24	0.67	0.28	0.21	0.36	0.31	2.69	0.3	1.87	0.41	2.48	22.92	0.69	0.23
O_2		%	0	0.1	10.5	8.05	7.19	7.8	6.35	6.49	8.12	7.21	9.13	7.81	6.63	6.19	7.6	5.18	7.47	6.02
FL1		Sm³	12	10	10,520.2	12,455.9	13,403.5	12,898.2	14,217.4	14,053.1	12,738.4	13,825.1	12,354.5	12,997.2	14,618.8	15,240.3	13,481.3	16,286.9	13,149.3	15,049.1
TMP		℃	0	1	185.14	184.8	184.2	183.8	184.44	185.85	186.81	186.62	186.37	186.18	185.85	185.44	184.93	185.57	186.35	186.17
TM1		℃	0	1	1,082.8	1,049.98	1,091.59	1,060.73	1,131.49	1,139.03	1,074.31	1,119.55	1,127.68	1,093.63	1,121.28	1,137.65	1,089.37	1,165.52	1,068.57	1,134.41
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

					08-20 08:00	08-20 08:30	08-20 09:00	08-20 09:30	08-20 10:00	08-20 10:30	08-20 11:00	08-20 11:30	08-20 12:00	08-20 12:30	08-20 13:00	08-20 13:30	08-20 14:00	08-20 14:30	08-20 15:00	08-20 15:30
TSP	20	mg/Sm³	12	1	0.61	0.47	0.45	0.47	0.44	0.32	0.37	0.42	0.53	0.44	0.41	0.44	0.4	0.38	0.39	0.4
SOx	30	ppm	12	1	4.38	0	0	0	0	0	0	0	0	0	0.78	0	0	1.8	0.65	0.26
NOx	70	ppm	12	1	18.11	15.97	12.33	9.04	8.91	10.6	10.3	8.82	13.46	10.52	12.13	9.49	12.24	12.25	11.65	14.09
HCl	15	ppm	12	1	7.05	4.15	6.12	6.08	4.8	3.73	4.74	3.89	5.27	5.74	6.97	6.43	5.01	7.3	7.12	7.19
CO	50	ppm	12	1	42.06	0.66	0.48	0.63	0.37	0.71	0.28	0.47	0.65	0.41	0.29	0.57	0.24	0.21	0.16	0.14
O_2		%	0	0.1	9.08	7.35	7.55	8.08	7.12	5.98	6.91	7.92	9.74	7.43	6.9	8.17	6.79	6.81	6.92	6.76
FL1		Sm³	12	10	11,201	13,857.9	13,457.3	12,892.2	13,773.8	13,661.7	13,423.2	12,694.1	11,395.4	13,408.8	13,853.3	12,513.4	13,969.2	13,731.3	13,641.9	13,896.6
TMP		℃	0	1	187.08	186.63	186.71	187.04	186.61	185.79	184.94	185.18	186.1	186.75	186.93	186.83	186.48	186.78	186.79	186.85
TM1		℃	0	1	1,118.85	1,055.03	1,045.29	1,003.87	1,056.41	1,125.74	1,091.55	1,039.66	1,063.13	1,051.25	1,091.67	1,024.17	1,090.83	1,105.93	1,102.94	1,111.7
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

					08-20 16:00	08-20 16:30	08-20 17:00	08-20 17:30	08-20 18:00	08-20 18:30	08-20 19:00	08-20 19:30	08-20 20:00	08-20 20:30	08-20 21:00	08-20 21:30	08-20 22:00	08-20 22:30	08-20 23:00	08-20 23:30
TSP	20	mg/Sm³	12	1	0.63	0.6	0.56	0.38	0.4	0.44	0.45	0.45	0.55	0.44	0.48	0.5	0.45	0.45	0.46	0.46
SOx	30	ppm	12	1	0	0	2.16	8.84	0	0.24	0.3	3.3	0.8	2.14	2.2	0	1.82	4.61	0	0.01
NOx	70	ppm	12	1	19.16	15.15	18.1	13.46	20.63	21.47	20.12	26.66	34.79	22.19	21.55	20.08	19.97	20.88	22.97	22.69
HCl	15	ppm	12	1	9.03	7.74	5.73	15.25	5.19	5.89	6.58	7.59	5.67	6.61	8.95	5.45	4.1	7.93	6.29	4.41
CO	50	ppm	12	1	0.33	0.57	0.26	0.73	0.29	0.25	0.23	0.35	0.3	1.26	0.22	0.32	2.14	0.92	0.22	0.2
O_2		%	0	0.1	10.71	8.47	6.71	7.12	6.89	7.28	6.97	7.18	9.79	6.51	7.2	6.97	5.54	5.64	6.03	6.46
FL1		Sm³	12	10	11,084.2	13,264.9	15,333.2	13,011.8	13,773.6	13,637.1	14,068.1	13,782.6	11,612.5	14,598.7	14,027.1	14,494.7	16,092.2	15,885.6	15,467.4	15,005.5
TMP		℃	0	1	187.18	187.32	187.54	187.15	185.71	186.53	187.62	187.66	186.73	186.85	187.42	187.41	187.15	187.93	188.13	187.29
TM1		℃	0	1	1,057.14	1,021.57	1,101.06	1,100.28	1,117.55	1,124.01	1,124.24	1,136.01	1,136.02	1,147.95	1,105.32	1,094.53	1,137.69	1,147.04	1,148.8	1,126.68
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 21일 굴뚝별 트랜드

					08-21 00:00	08-21 00:30	08-21 01:00	08-21 01:30	08-21 02:00	08-21 02:30	08-21 03:00	08-21 03:30	08-21 04:00	08-21 04:30	08-21 05:00	08-21 05:30	08-21 06:00	08-21 06:30	08-21 07:00	08-21 07:30
TSP	20	mg/Sm³	12	1	0.63	0.47	0.47	0.48	0.47	0.5	0.52	0.51	0.61	0.51	0.49	0.49	0.51	0.56	0.51	0.36
SOx	30	ppm	12	1	0	0	0.16	0.51	1.19	0.76	2.04	0	0.69	0	3.01	0	0	0	0	0
NOx	70	ppm	12	1	22.07	18.94	18.96	22.04	19.32	23.37	21.85	21.98	22.57	18.99	21.52	22.49	20.11	17.79	18.14	15.99
HCl	15	ppm	12	1	4.11	2.61	4.45	4.24	6.48	7.9	11.83	6.53	6.56	6.5	4.66	4.21	3.91	3.76	2.99	2.95
CO	50	ppm	12	1	0.49	0.49	0.15	0.98	0.43	0.22	0.23	0.48	0.59	0.45	16.93	0.24	0.27	0.48	0.41	0.23
O_2		%	0	0.1	10.12	5.86	6.07	5.63	6.27	6.83	6.88	7.16	9.85	8.47	6.43	6.93	7.17	8.39	7.19	6.18
FL1		Sm³	12	10	11,967.1	15,846.1	15,452.5	16,065.1	15,123.6	14,645.4	14,783.9	14,329.3	12,213.6	12,536.2	15,054.7	14,486.1	14,370.2	13,066.8	14,339.9	14,179.1
TMP		℃	0	1	186.38	186.88	187.6	188.25	188.22	188.33	188.61	188.33	187.83	187.61	187.64	187.42	187.27	186.74	186.48	186.28
TM1		℃	0	1	1,059.75	1,128.28	1,134.61	1,155.29	1,140.03	1,117.25	1,117.52	1,100.29	1,080.21	1,064.21	1,135.59	1,121.19	1,100.89	1,023.19	1,065.36	1,103.21
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

					08-21 08:00	08-21 08:30	08-21 09:00	08-21 09:30	08-21 10:00	08-21 10:30	08-21 11:00	08-21 11:30	08-21 12:00	08-21 12:30	08-21 13:00	08-21 13:30	08-21 14:00	08-21 14:30	08-21 15:00	08-21 15:30
TSP	20	mg/Sm³	12	1	0.43	0.3	0.34	0.34	0.33	0.35	0.34	0.34	0.43	0.37	0.34	0.34	0.34	0.38	0.36	0.38
SOx	30	ppm	12	1	0	0	0	0	0	0	0	0	0.04	0	0	0	0	0	0	0
NOx	70	ppm	12	1	21.9	17.67	13.97	14.1	9.36	9.87	9.07	9.62	18.64	6.77	8.96	5.08	5.04	6.59	10.26	6
HCl	15	ppm	12	1	2.27	3.11	3.39	2.73	3.84	3.56	3.8	3.41	4.82	4.22	3.06	4.47	4.58	3.75	3.35	5.14
CO	50	ppm	12	1	0.35	0.18	0.33	0.27	0.72	0.28	0.51	0.57	1.24	0.39	2.84	1.5	0.3	0.38	0.72	0.39
O_2		%	0	0.1	8.43	5.68	7.08	6.28	6.23	6.4	6.76	6.28	9.05	7.65	5.35	6.07	6.81	6.81	5.75	7.09
FL1		Sm³	12	10	11,648.5	14,241.1	12,950.8	14,090.2	14,068.9	14,044.9	13,362.7	14,062.1	10,859.1	12,514.3	15,077.4	14,261.4	13,456	13,787.6	14,962.1	13,362.5
TMP		℃	0	1	185.58	184.58	184.62	184.85	185.34	185.65	185.3	185.21	185.77	185.37	184.95	185.56	185.8	185.44	185.32	185.21
TM1		℃	0	1	1,128.86	1,135.33	1,064.74	1,069.91	1,070.46	1,067.78	1,062.9	1,079.15	1,123.55	1,029.02	1,111.09	1,072.07	1,037.85	1,044.71	1,096.44	1,040.36
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

					08-21 16:00	08-21 16:30	08-21 17:00	08-21 17:30	08-21 18:00	08-21 18:30	08-21 19:00	08-21 19:30	08-21 20:00	08-21 20:30	08-21 21:00	08-21 21:30	08-21 22:00	08-21 22:30	08-21 23:00	08-21 23:30
TSP	20	mg/Sm³	12	1	0.47	0.35	0.38	0.36	0.38	0.36	0.38	0.38	0.52	0.39	0.41	0.41	0.39	0.35	0.38	0.39
SOx	30	ppm	12	1	0	0	0	0.01	0	0.03	0	0	0	0.33	0	0	0	0	0	0
NOx	70	ppm	12	1	12.25	9.04	8.1	12.6	11.46	16.54	15.71	14.31	16.97	14.9	17.12	14.68	10.78	11.93	10.07	8.92
HCl	15	ppm	12	1	4.79	3.95	3.79	3.94	4.88	4.14	4.79	4.99	5.87	4.49	6.32	5.66	4.17	3.76	4.87	4.16
CO	50	ppm	12	1	0.41	0.32	0.49	11.2	0.29	1.34	0.23	0.21	0.35	0.42	0.4	0.42	1.12	7.26	0.32	0.97
O_2		%	0	0.1	9.15	6.22	6.7	6.03	6.62	5.6	6.41	6.68	9.55	6.02	6.23	6.72	6.85	5.6	6.61	6.75
FL1		Sm³	12	10	11,537.9	14,258.6	13,879.8	14,519.6	13,997.4	15,089.9	14,391.6	13,961.3	11,535.8	14,974.5	14,835.2	14,087.9	13,797.4	14,976.9	13,956.2	13,862.4
TMP		℃	0	1	185.12	185.32	185.22	185.73	186.01	185.8	186.01	186.07	186.32	186.49	186.92	186.54	185.59	185.24	186.04	186
TM1		℃	0	1	1,081.53	1,092.21	1,065.91	1,094.56	1,071.46	1,121.94	1,086.67	1,082.79	1,070.18	1,092.09	1,078.78	1,063.99	1,037.89	1,094.95	1,047.05	1,027.12
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