6월 29일 굴뚝별 트랜드

					06-29 00:00	06-29 00:30	06-29 01:00	06-29 01:30	06-29 02:00	06-29 02:30	06-29 03:00	06-29 03:30	06-29 04:00	06-29 04:30	06-29 05:00	06-29 05:30	06-29 06:00	06-29 06:30	06-29 07:00	06-29 07:30
TSP	20	mg/Sm³	12	1	1.14	0.9	0.83	0.9	0.84	0.96	1	0.84	1.16	0.95	0.95	0.99	0.88	0.86	0.89	0.9
SOx	30	ppm	12	1	0.11	2.96	6.89	0	0.03	0.05	0.61	1.03	7.42	0	0	0	0	0	0.6	0.41
NOx	70	ppm	12	1	33.23	21.14	28.5	26.62	29.59	27.76	25.45	28.88	39.02	21.77	18.79	17.89	19.3	22.17	19.38	28.76
HCl	15	ppm	12	1	4.37	5.12	7.05	8.53	4.26	5.71	4.85	2.92	2.26	2.87	2.96	3.38	2.12	1.99	2.8	2.22
CO	50	ppm	12	1	0.76	13.88	17.89	0.28	0.31	7.52	11.97	27.14	66.27	1.04	0.51	0.53	0.62	1.33	29.2	8.53
O_2		%	0	0.1	9.01	6.31	5.38	6.46	5.43	7.13	7.36	5.27	7.59	6.97	6.94	7.64	6.22	5.76	6.32	6.35
FL1		Sm³	12	10	12,220.9	14,844.5	15,865.2	14,799.3	15,976.4	14,000.4	13,573.5	16,169.1	12,424.2	14,296.3	14,226.6	13,694.9	15,388.8	15,781.7	15,435.1	14,957
TMP		℃	0	1	185.74	186.34	186.77	186.92	186.55	185.87	185.74	186.21	186.36	186.09	185.92	185.45	185.16	185.12	185.04	185.65
TM1		℃	0	1	1,099.61	1,106.2	1,144.87	1,104.87	1,131.85	1,086.46	1,074.33	1,144.52	1,168.06	1,077.03	1,086.69	1,037.65	1,096.72	1,122.63	1,085.45	1,117.49
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					06-29 08:00	06-29 08:30	06-29 09:00	06-29 09:30	06-29 10:00	06-29 10:30	06-29 11:00	06-29 11:30	06-29 12:00	06-29 12:30	06-29 13:00	06-29 13:30	06-29 14:00	06-29 14:30	06-29 15:00	06-29 15:30
TSP	20	mg/Sm³	12	1	1.2	0.87	0.87	0.83	0.79	0.9	0.83	0.79	1.12	0.8	0.81	0.85	0.83	0.75	0.79	0.85
SOx	30	ppm	12	1	0	0.15	0	0.4	5.35	1.26	0	0	0	0.1	1.24	0.82	1.19	0.88	2.26	0.04
NOx	70	ppm	12	1	29.72	30.81	29	24.39	24.52	25.37	26.52	24.1	33.69	22.71	27.26	26.74	25.28	19.86	21.77	25.37
HCl	15	ppm	12	1	3.93	1.41	2.4	2.87	3.02	8.01	4.63	3.65	3.84	2.22	3.41	4.94	7.38	4.39	7.15	6.71
CO	50	ppm	12	1	0.82	8.28	0.59	8.14	39.27	2.38	1.36	9.42	12.36	24.39	27.73	1.91	6.61	73.3	37.69	8.47
O_2		%	0	0.1	10.62	6.21	6.2	5.58	4.66	6.53	5.65	5.12	8.44	5.18	5.26	5.82	5.54	4.06	4.98	6.03
FL1		Sm³	12	10	11,510.7	15,461	15,661.4	16,257.9	17,472.7	15,219.4	16,235.9	16,832.7	12,742.4	16,375.3	16,246.8	15,841.9	16,235.3	17,955.6	16,482.5	15,638.8
TMP		℃	0	1	185.55	185.94	186.73	187.27	187.89	188.12	188.19	187.51	187.06	186.52	186.73	188.08	188.91	188.73	188.41	187.83
TM1		℃	0	1	1,044.45	1,112.41	1,084.45	1,102.19	1,118.73	1,071.19	1,101.9	1,110.65	1,108.91	1,125.7	1,140.61	1,103.09	1,108.13	1,143.93	1,137.66	1,093
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.48	36.48	36.47	36.47	36.48	36.47	36.48	36.49	36.48

					06-29 16:00	06-29 16:30	06-29 17:00	06-29 17:30	06-29 18:00	06-29 18:30	06-29 19:00	06-29 19:30	06-29 20:00	06-29 20:30	06-29 21:00	06-29 21:30	06-29 22:00	06-29 22:30	06-29 23:00	06-29 23:30
TSP	20	mg/Sm³	12	1	1.22	0.87	0.83	0.82	0.83	0.81	0.92	0.85	1.13	0.86	0.81	0.84	0.89	0.86	0.83	0.8
SOx	30	ppm	12	1	0.08	0.12	0	0.14	0.48	0	0	0	0	0	0	0.04	1.8	1.37	0	0.1
NOx	70	ppm	12	1	24.22	20.09	22.35	21.93	13.64	11.07	7.6	6.32	12.22	8.44	11.39	10.01	6.84	6.97	7.86	6.61
HCl	15	ppm	12	1	6.32	4.81	3.54	3.41	2.35	2.75	4.06	2.51	2.25	1.52	1.58	2.53	5.15	3.77	1.67	1.42
CO	50	ppm	12	1	6.51	18.14	4.85	27.83	15.93	24.97	0.57	8.55	8.55	2	4.01	10.31	15.97	39.92	14.68	46.22
O_2		%	0	0.1	9.8	6.31	5.79	5.38	5.38	4.98	6.82	5.72	8.19	5.75	4.85	5.38	6.43	5.64	5.43	4.75
FL1		Sm³	12	10	11,187.2	15,082.4	15,917.7	16,637.1	15,667.4	16,090.5	14,201.1	15,701.6	12,691.7	15,667.8	16,630	15,805.4	14,647.2	14,950.1	14,816.8	15,581
TMP		℃	0	1	187.63	187.78	187.8	187.78	187.43	187.4	187.22	187.06	187.24	187.03	187.39	187.24	187.45	187.65	186.2	184.87
TM1		℃	0	1	1,048.2	1,080.73	1,089.95	1,097.24	1,083.02	1,101.81	1,017.37	1,053.21	1,088.45	1,053.19	1,092.75	1,086.26	1,038.85	1,068.97	1,072.32	1,082.22
TM3		℃	0	1	36.49	36.49	36.48	36.48	36.49	36.49	36.48	36.48	36.47	36.47	36.47	36.47	36.48	36.47	36.47	36.47

6월 30일 굴뚝별 트랜드

					06-30 00:00	06-30 00:30	06-30 01:00	06-30 01:30	06-30 02:00	06-30 02:30	06-30 03:00	06-30 03:30	06-30 04:00	06-30 04:30	06-30 05:00	06-30 05:30	06-30 06:00	06-30 06:30	06-30 07:00	06-30 07:30
TSP	20	mg/Sm³	12	1	1.16	0.87	0.83	0.83	0.86	0.88	0.81	0.85	1.18	0.82	1	0.84	0.93	0.84	0.86	0.77
SOx	30	ppm	12	1	0.16	0	0.03	0	0	0	0	0.02	0	0	0	0	0	0	0	0
NOx	70	ppm	12	1	8	4.16	4.28	4.4	4.57	3.77	5.68	5.77	7.69	7.47	4.02	6.86	4.17	3.28	3.62	7.23
HCl	15	ppm	12	1	1.48	0.69	0.43	0.67	1.09	1.58	1.2	1.36	4.89	0.84	2.12	1.62	1.59	1.31	1.9	1.04
CO	50	ppm	12	1	81.11	4.79	41.86	3.91	3.2	3.03	14.24	22.82	0.9	31.38	0.86	16.79	0.77	44.79	13.44	27.02
O_2		%	0	0.1	8.87	6.17	5.14	5.5	5.97	6.14	4.96	5.37	9.5	5.1	7.83	5.66	7.17	5.59	6.02	4.58
FL1		Sm³	12	10	11,202.1	14,913.2	16,147.9	15,632.7	15,123.6	14,860.1	16,403.8	15,503.6	11,429.5	15,995.2	12,934.7	15,517.3	13,824.1	15,405.1	15,129.9	16,559.8
TMP		℃	0	1	185.35	185.74	186.09	185.91	185.69	185.97	186.37	186.57	186.06	185.89	185.5	184.09	183.65	184.45	185.28	185.88
TM1		℃	0	1	1,059.59	1,037.38	1,065.79	1,070.95	1,056.81	1,047.09	1,081.23	1,085.89	1,042.25	1,092.46	976.24	1,058.76	993.25	1,062.38	1,033.07	1,103.82
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					06-30 08:00	06-30 08:30	06-30 09:00	06-30 09:30	06-30 10:00	06-30 10:30	06-30 11:00	06-30 11:30	06-30 12:00	06-30 12:30	06-30 13:00	06-30 13:30	06-30 14:00	06-30 14:30	06-30 15:00	06-30 15:30
TSP	20	mg/Sm³	12	1	1.13	0.83	0.86	0.84	0.83	0.83	0.82	0.79	1.11	0.84	0.81	0.78	0.83	0.89	0.82	0.81
SOx	30	ppm	12	1	0	0	0	0	2.07	1.59	0.36	0.02	0	0	0	0.27	0.2	0	0	0
NOx	70	ppm	12	1	9.17	6.83	6.52	9.55	10.13	10.98	10.65	11.9	12.54	8.69	7.27	7.78	9.62	10.96	8.05	15.89
HCl	15	ppm	12	1	2.09	1.08	2.31	3.1	3.82	6.79	4.81	3.81	4.4	3.12	3.82	4.14	5.59	6.34	3.32	3.66
CO	50	ppm	12	1	18.56	4.71	6.83	0.74	1.39	14.02	0.66	11.92	27.24	4.35	6.28	21.08	16.11	1.19	22.87	3.34
O_2		%	0	0.1	8.56	5.7	6.24	5.84	5.87	5.84	5.73	5.06	8.2	6.1	5.79	5.08	5.84	6.84	5.91	5.69
FL1		Sm³	12	10	12,047.7	15,298.7	14,615	15,024.7	14,964.4	14,879.9	15,289.6	16,057.4	12,267.3	14,975.8	15,105.7	15,904.6	14,775.1	13,819.3	14,580.9	14,959.9
TMP		℃	0	1	186.01	186.1	186.37	186.75	186.69	186.33	186.6	186.95	187.34	187.2	187.36	187.83	187.67	187.37	186.72	186.59
TM1		℃	0	1	1,075.65	1,068.19	1,063.31	1,073.97	1,079.38	1,071.71	1,066.16	1,084.08	1,082.15	1,043.39	1,065.02	1,094.59	1,066.26	1,028.89	1,055.25	1,076.58
TM3		℃	0	1	36.47	36.49	36.49	36.48	36.48	36.48	36.49	36.49	36.5	36.49	36.49	36.49	36.49	36.49	36.49	36.5

					06-30 16:00	06-30 16:30	06-30 17:00	06-30 17:30	06-30 18:00	06-30 18:30	06-30 19:00	06-30 19:30	06-30 20:00	06-30 20:30	06-30 21:00	06-30 21:30	06-30 22:00	06-30 22:30	06-30 23:00	06-30 23:30
TSP	20	mg/Sm³	12	1	1.14	0.8	0.85	0.78	0.83	0.83	0.82	0.79	1.07	0.84	0.8	0.82	0.78	0.77	0.8	0.8
SOx	30	ppm	12	1	0	0.06	0	0.52	0	0	0.01	0	0.82	1.89	1.53	0	0.05	0	0.02	0
NOx	70	ppm	12	1	22.94	14.87	13.61	12.18	10.63	12.67	15.62	16.27	17.51	18.48	17.63	13.07	11.49	16.27	16.41	14.37
HCl	15	ppm	12	1	4.08	2.25	4.21	4.06	6.15	5.58	4.97	4.74	4.9	5.38	4.29	5.79	3.75	3.31	3	3.39
CO	50	ppm	12	1	0.69	15.3	1.01	16.1	1.59	1.48	8.04	1.6	24.64	0.49	3.4	12.67	47.97	38.77	9.85	3.34
O_2		%	0	0.1	9.9	5.54	6.37	5.11	6.1	5.83	5.72	5.25	8.31	6.32	5.64	5.58	5.13	4.93	5.23	5.3
FL1		Sm³	12	10	11,237.2	15,176	14,391.6	15,694	14,519.6	14,781.9	14,828.9	15,227.1	12,508.3	15,162.1	16,212.9	15,206.5	15,755.3	15,895.9	15,403.9	15,052.2
TMP		℃	0	1	186.38	186.37	186.61	187.31	187.67	187.57	187.34	187.38	187.5	188.16	188.53	187.75	187.05	187.02	186.9	186.38
TM1		℃	0	1	1,031.72	1,077.96	1,042.64	1,087.03	1,059.05	1,072.29	1,091.81	1,101.41	1,088.34	1,075.15	1,082.24	1,081.99	1,083.05	1,119.67	1,105.46	1,098.06
TM3		℃	0	1	36.5	36.49	36.5	36.51	36.5	36.5	36.49	36.5	36.5	36.5	36.49	36.49	36.5	36.5	36.5	36.49

7월 1일 굴뚝별 트랜드

					07-01 00:00	07-01 00:30	07-01 01:00	07-01 01:30	07-01 02:00	07-01 02:30	07-01 03:00	07-01 03:30	07-01 04:00	07-01 04:30	07-01 05:00	07-01 05:30	07-01 06:00	07-01 06:30	07-01 07:00	07-01 07:30
TSP	20	mg/Sm³	12	1	1.11	0.88	0.86	0.79	0.82	0.85	0.85	0.81	1.17	0.81	0.97	0.9	0.9	0.92	0.88	0.84
SOx	30	ppm	12	1	0	0	0	0	0	0	0	0.05	0	0.51	0	0	0	0	0	0.12
NOx	70	ppm	12	1	18.25	10.24	15.79	16.67	15.11	15.38	12.89	14.82	16.71	13.5	12.59	17.13	15.99	14.9	15.2	11.4
HCl	15	ppm	12	1	4.44	2.74	3.5	2.3	2.46	3.69	3.08	2.8	4.15	2.48	5.77	3.56	3.86	4.38	3.92	3.11
CO	50	ppm	12	1	3.55	35.03	2.27	5.86	2.95	21.74	8	26.22	4.48	35.21	0.68	1.88	2.93	5.97	4.44	15.83
O_2		%	0	0.1	8.99	6.45	6.42	5.42	5.79	6.3	6.29	5.39	10.23	5.48	7.74	6.99	7.01	7.18	6.58	5.68
FL1		Sm³	12	10	11,881.5	13,851.1	14,444	15,917.7	15,243.3	15,255.2	15,092	16,179.2	11,589.5	15,733.5	13,215.4	14,380.6	14,286.5	14,170.6	14,477.1	15,538.3
TMP		℃	0	1	185.96	185.87	185.97	186.22	186.29	186.34	186.18	187.02	187.23	186.71	186.42	185.54	185.97	186.72	186.4	186.75
TM1		℃	0	1	1,069.87	1,047.61	1,062.71	1,079.79	1,092.53	1,049.89	1,078.73	1,103.08	1,018.23	1,101.59	1,013.86	1,042.49	1,051.58	1,048.56	1,068.47	1,078.84
TM3		℃	0	1	36.49	36.49	36.49	36.48	36.49	36.49	36.48	36.48	36.48	36.48	36.47	36.47	36.47	36.47	36.47	36.47

					07-01 08:00	07-01 08:30	07-01 09:00	07-01 09:30	07-01 10:00	07-01 10:30	07-01 11:00	07-01 11:30	07-01 12:00	07-01 12:30	07-01 13:00	07-01 13:30	07-01 14:00	07-01 14:30	07-01 15:00	07-01 15:30
TSP	20	mg/Sm³	12	1	1.12	0.9	0.77	0.9	0.8	0.78	0.84	0.93	1.08	0.79	0.92	0.84	0.92	0.83	0.83	0.81
SOx	30	ppm	12	1	0	0	15.43	0	0	0.73	0.47	0	0	0	0	0	2.36	5.37	0	0
NOx	70	ppm	12	1	7.48	9.53	14.2	15.38	22.62	16.02	15.61	10.53	14.32	8.33	8.11	10.39	6.3	6.75	8.78	8.91
HCl	15	ppm	12	1	4.89	4.23	3.49	9.35	4.76	4.69	5.43	5.68	3.74	2.18	4.85	3.58	6.43	9.36	8.38	5.58
CO	50	ppm	12	1	25.03	0.5	49.69	1.93	0.38	19.45	23.11	0.84	10	32.86	0.76	0.9	0.67	16.13	12.92	18.54
O_2		%	0	0.1	9.11	6.69	4.6	6.79	5.25	4.92	5.6	7.27	8	5.12	7.2	6.19	7.25	5.75	5.74	5.47
FL1		Sm³	12	10	12,161.3	13,694.5	16,666.8	14,398.1	16,010.2	16,761.5	14,856.8	13,024.7	12,182.9	15,176.1	13,267.9	14,743.8	13,638.1	14,740.7	14,433.4	14,652.6
TMP		℃	0	1	187.48	186.8	186.56	187.86	187.31	188.02	187.77	185.92	184.52	185.6	185.69	185.8	186.9	187.56	186.37	185.39
TM1		℃	0	1	1,032.89	1,031.13	1,107.71	1,027.6	1,099.68	1,108.35	1,092	1,005.2	1,083.22	1,079.03	1,001.4	1,043.35	993.3	1,066.09	1,080.87	1,090.24
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					07-01 16:00	07-01 16:30	07-01 17:00	07-01 17:30	07-01 18:00	07-01 18:30	07-01 19:00	07-01 19:30	07-01 20:00	07-01 20:30	07-01 21:00	07-01 21:30	07-01 22:00	07-01 22:30	07-01 23:00	07-01 23:30
TSP	20	mg/Sm³	12	1	1.08	0.78	0.77	0.79	0.8	0.78	0.83	0.85	1.09	0.92	0.82	0.83	0.91	0.78	0.79	0.82
SOx	30	ppm	12	1	0	0	0	0	0	0.2	0	0	0	0	0.18	0	0	0	0	0
NOx	70	ppm	12	1	17.99	13.46	14.93	10.35	6.95	12	8.31	14.12	21.57	6.31	9.22	6.86	6.48	12.37	10.92	8.18
HCl	15	ppm	12	1	4.92	2.68	3.47	4.39	4.63	4.28	4.86	4.07	4.01	4.07	3.89	5.22	4.83	2	3.75	4.22
CO	50	ppm	12	1	26.45	20.4	26.03	26.72	10.29	24.93	24	1.07	1.39	0.73	19.4	15.29	1.97	19.13	15.14	31.6
O_2		%	0	0.1	8.08	4.98	4.88	5.23	5.47	5	5.75	6.17	8.39	7.28	5.57	5.76	7.07	4.97	5.15	5.37
FL1		Sm³	12	10	11,681.4	15,179.3	15,139.7	14,584.4	14,502.1	14,984.6	14,274.4	13,993	11,408.2	12,783.6	14,550.3	14,274.2	13,654.5	16,324.3	16,137	15,627.1
TMP		℃	0	1	185.21	185.09	184.75	184.67	185.03	185.43	185.43	185.24	184.91	184.78	185.07	185.72	185.72	185.82	186.97	187.19
TM1		℃	0	1	1,107.91	1,113.11	1,118.45	1,096.42	1,079.62	1,098.1	1,078.52	1,055.79	1,095.58	1,011.24	1,083.83	1,079.45	1,020.98	1,097.05	1,104.89	1,104.77
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47