7월 29일 굴뚝별 트랜드

					07-29 00:00	07-29 00:30	07-29 01:00	07-29 01:30	07-29 02:00	07-29 02:30	07-29 03:00	07-29 03:30	07-29 04:00	07-29 04:30	07-29 05:00	07-29 05:30	07-29 06:00	07-29 06:30	07-29 07:00	07-29 07:30
TSP	20	mg/Sm³	12	1	0.42	0.33	0.33	0.32	0.33	0.31	0.32	0.31	0.43	0.32	0.32	0.32	0.31	0.31	0.4	0.39
SOx	30	ppm	12	1	0	0	0	0.62	0	0	0	0	10.67	0	0	0	0	0	0	0
NOx	70	ppm	12	1	14.03	9.51	11.41	11.47	11.19	13.71	16.21	15.17	19.24	11.75	10.27	15.78	14.51	16.68	18.2	16.22
HCl	15	ppm	12	1	5.49	4.06	4.17	4.88	6.91	4.39	5.38	4.31	10.46	11.29	3.43	5.48	4.95	4.45	4.74	5.47
CO	50	ppm	12	1	0.59	0.41	0.34	9.46	0.43	11.74	4.36	1.25	6.3	0.36	35.6	0.39	17.99	0.28	0.3	0.3
O_2		%	0	0.1	8.85	6.06	5.68	5.35	6.16	4.81	5.83	5.86	8.07	6.83	4.52	5.28	5.14	6.06	6.19	6.01
FL1		Sm³	12	10	11,659	14,554.9	15,089	15,431.8	14,470.3	15,981.2	14,801.6	14,668.6	12,248.1	13,425.6	16,374.4	15,474.4	15,375.9	14,383.8	15,221.5	15,379.3
TMP		℃	0	1	186.38	186.11	186.34	186.51	186.53	186.37	185.98	185.61	185.73	185.12	184.78	185.57	185.42	184.77	185.56	186.59
TM1		℃	0	1	1,056.26	1,039.39	1,045.94	1,071.47	1,048.51	1,090.66	1,062.36	1,067.21	1,092.33	1,020.13	1,078.12	1,082.13	1,093.29	1,058.1	1,053.91	1,059.22
TM3		℃	0	1	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44

					07-29 08:00	07-29 08:30	07-29 09:00	07-29 09:30	07-29 10:00	07-29 10:30	07-29 11:00	07-29 11:30	07-29 12:00	07-29 12:30	07-29 13:00	07-29 13:30	07-29 14:00	07-29 14:30	07-29 15:00	07-29 15:30
TSP	20	mg/Sm³	12	1	0.55	0.4	0.38	0.39	0.39	0.39	0.41	0.4	0.52	0.4	0.36	0.38	0.32	0.4	0.33	0.36
SOx	30	ppm	12	1	0	0.52	0.23	0	0.03	0.03	0	0	0.37	0	0	0.56	0.33	0	0	0.12
NOx	70	ppm	12	1	21.26	16.91	21.79	18.76	17.34	16.16	13.92	17.2	23.44	14.29	16.35	15.56	17.1	15.27	17.26	17.65
HCl	15	ppm	12	1	6.44	3.62	6.04	4.95	5.4	4.25	5.34	4.31	4.87	6.28	4.82	4.76	4.96	2.87	3.32	4.16
CO	50	ppm	12	1	0.36	0.28	0.24	0.24	0.42	0.28	0.37	0.31	2.45	0.29	0.71	0.5	1.47	2.22	17.96	1.81
O_2		%	0	0.1	9.5	5.8	5.88	6.02	6.87	6.17	6.83	6.13	8.35	6.29	6.05	6.24	5.64	5.86	4.78	5.41
FL1		Sm³	12	10	11,894.9	15,708	15,542.8	15,358.5	14,269.2	15,215.7	14,455.1	15,226.7	13,027.9	15,050.2	14,694.6	14,841.1	14,859.8	15,421.5	16,182	15,880.4
TMP		℃	0	1	186.27	186.4	186.51	186.32	186.32	186.18	186.65	186.74	186.6	187.14	186.85	186.13	185.81	185.83	185.75	185.58
TM1		℃	0	1	1,044.33	1,063.39	1,071.47	1,065.11	1,038.85	1,046.34	1,022.78	1,045.73	1,069.53	1,038.48	1,059.32	1,044.59	1,085.16	1,041.09	1,085.65	1,073.46
TM3		℃	0	1	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44

					07-29 16:00	07-29 16:30	07-29 17:00	07-29 17:30	07-29 18:00	07-29 18:30	07-29 19:00	07-29 19:30	07-29 20:00	07-29 20:30	07-29 21:00	07-29 21:30	07-29 22:00	07-29 22:30	07-29 23:00	07-29 23:30
TSP	20	mg/Sm³	12	1	0.51	0.39	0.38	0.35	0.36	0.36	0.34	0.37	0.48	0.35	0.37	0.33	0.36	0.36	0.35	0.37
SOx	30	ppm	12	1	0.79	0	0	0.72	0.37	0	2.63	0	2.07	0	0	1.07	0.09	0	0	0
NOx	70	ppm	12	1	22.42	18.62	12.36	16.22	13.02	17.42	19.2	16.63	30.61	17.84	18.4	22.51	20.27	19.58	20.99	17.91
HCl	15	ppm	12	1	5.35	4.18	4.51	4.47	7.65	6.47	7.62	6.68	6.14	5.67	4.21	5.08	6.94	4.95	4.71	5.12
CO	50	ppm	12	1	1.59	3.63	0.34	0.47	0.27	0.21	0.13	0.24	0.17	0.12	0.4	0.11	0.14	0.16	0.65	0.16
O_2		%	0	0.1	9.32	6.65	6.88	5.78	7.24	6.98	6.21	7.25	8.39	6.74	7.24	5.8	7.25	7	6.27	6.89
FL1		Sm³	12	10	11,525.4	14,405.6	14,015.8	15,144.1	13,399.4	13,691.2	14,424.2	13,436.2	11,947.2	13,883.6	13,552.1	14,873.2	13,249.7	13,586.4	14,395.2	13,809.4
TMP		℃	0	1	186.29	185.92	185.75	185.73	185.47	185.06	185.1	185.43	185.41	185.07	184.19	184.13	185.12	184.68	184.65	185.16
TM1		℃	0	1	1,049.43	1,032.87	1,011.16	1,067.65	1,019.23	1,027.12	1,076.55	1,029.3	1,103.86	1,065.73	1,034	1,104.59	1,058.74	1,051.17	1,080.5	1,057.06
TM3		℃	0	1	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44

7월 30일 굴뚝별 트랜드

					07-30 00:00	07-30 00:30	07-30 01:00	07-30 01:30	07-30 02:00	07-30 02:30	07-30 03:00	07-30 03:30	07-30 04:00	07-30 04:30	07-30 05:00	07-30 05:30	07-30 06:00	07-30 06:30	07-30 07:00	07-30 07:30
TSP	20	mg/Sm³	12	1	0.46	0.37	0.39	0.45	0.44	0.43	0.42	0.36	0.46	0.36	0.33	0.4	0.38	0.37	0.4	0.38
SOx	30	ppm	12	1	0.02	0	0.27	0	0	0.51	0.28	1.54	1.39	0.49	0	0	0.55	1.11	0	0
NOx	70	ppm	12	1	27.48	23.56	22.86	12.37	19.39	17.01	16.46	17.08	24.93	19.08	19.54	17.52	19.2	19.47	17.48	18.45
HCl	15	ppm	12	1	5.65	4.41	5.22	4.77	3.26	4.4	5.73	6.31	6.12	6.57	4.48	4.36	5.38	6.01	6.97	4.01
CO	50	ppm	12	1	0.11	0.05	0.06	0.41	0.33	0.26	0.4	0.2	0.19	0.27	0.15	0.19	0.21	0.17	0.38	0.37
O_2		%	0	0.1	9.3	6.41	6.94	9.06	7.46	6.6	6.77	6.85	9.08	7.2	6.32	6.42	5.86	5.49	8.18	6.65
FL1		Sm³	12	10	11,019.7	14,442.8	13,947.7	11,776.3	13,889.8	14,780	14,415.8	13,720.3	11,770.9	13,303.1	14,118.1	14,864.7	15,357.4	15,604.7	12,557.9	14,307.7
TMP		℃	0	1	185.44	185.82	185.92	185.36	184.66	185.68	186.99	186.13	185.2	185.29	184.78	185.42	186.66	187.07	186.28	184.98
TM1		℃	0	1	1,082.04	1,099.9	1,077.25	971.09	994.65	1,040.13	1,033.05	1,042.25	1,060.65	1,029.49	1,052.37	1,037.98	1,063.52	1,083.85	987.16	1,034.15
TM3		℃	0	1	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44

					07-30 08:00	07-30 08:30	07-30 09:00	07-30 09:30	07-30 10:00	07-30 10:30	07-30 11:00	07-30 11:30	07-30 12:00	07-30 12:30	07-30 13:00	07-30 13:30	07-30 14:00	07-30 14:30	07-30 15:00	07-30 15:30
TSP	20	mg/Sm³	12	1	0.52	0.36	0.42	0.42	0.43	0.41	0.39	0.44	0.5	0.39	0.41	0.42	0.42	0.41	0.38	0.43
SOx	30	ppm	12	1	2.03	0.62	0.06	2.8	0	0.65	5.76	0	0	0	0	0	0	0.41	5.08	0
NOx	70	ppm	12	1	26.36	18.7	20.11	19.71	17.36	20.16	21.34	22.11	22.59	17.17	19.13	18.59	16.33	18.19	15.48	22.29
HCl	15	ppm	12	1	5.27	5.07	7.28	6.11	7.68	4.21	6.18	6.08	4.79	2.56	3.18	2.74	3.66	3.34	7.58	6.7
CO	50	ppm	12	1	0.49	0.28	0.19	0.17	0.42	0.21	3.85	0.47	0.61	0.43	0.33	0.36	0.55	9.99	38.43	0.3
O_2		%	0	0.1	8.61	5.29	6.66	5.38	7.84	5.75	4.4	6.6	10.39	6.78	7.03	6.22	7.15	6.88	5.51	6.25
FL1		Sm³	12	10	12,162	15,850.8	14,586	16,294.8	13,358.2	15,688.6	17,271.8	14,922.5	11,250.6	14,284.6	14,169.6	15,366.9	14,104.3	14,308.1	15,907.9	15,214.6
TMP		℃	0	1	186.26	187.29	187.31	187.88	187.18	186.43	187.5	187.3	185.58	184.84	185.15	185.82	185.6	184.9	185.86	187.18
TM1		℃	0	1	1,072	1,092.86	1,056.71	1,090.76	1,002.62	1,077.87	1,147.18	1,056.8	993.86	1,039.53	1,029.32	1,048	1,005.79	1,018.07	1,074.7	1,053.62
TM3		℃	0	1	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44

					07-30 16:00	07-30 16:30	07-30 17:00	07-30 17:30	07-30 18:00	07-30 18:30	07-30 19:00	07-30 19:30	07-30 20:00	07-30 20:30	07-30 21:00	07-30 21:30	07-30 22:00	07-30 22:30	07-30 23:00	07-30 23:30
TSP	20	mg/Sm³	12	1	0.54	0.4	0.59	0.57	0.58	0.44	0.39	0.41	0.53	0.37	0.36	0.38	0.39	0.35	0.37	0.37
SOx	30	ppm	12	1	0	0	0	0	1.98	0	0	0	0	0	0	0	0	0.52	0.03	0.82
NOx	70	ppm	12	1	33.13	16.85	23.17	25.01	20.41	17.54	18.6	16.29	26.63	16.07	17.25	14.42	18.29	21.11	15.24	19.34
HCl	15	ppm	12	1	6.09	5.12	3.98	3.56	10.43	9.69	4.56	6.16	4.65	3.67	4.07	3.95	4.03	3.84	5.61	3.78
CO	50	ppm	12	1	0.24	0.33	1.14	0.83	5.8	0.62	1.85	0.59	0.39	0.13	0.16	0.3	0.16	0.74	0.22	5.95
O_2		%	0	0.1	8.74	7.79	9.5	7.61	6.49	7.61	5.99	6.87	8.51	5.73	6.2	7.58	7.06	5.24	6.84	4.92
FL1		Sm³	12	10	12,414.3	12,946	12,115.1	14,462.3	15,876.6	13,389.7	15,274.2	14,194.3	12,543.8	15,287.9	14,536.6	13,059.8	13,676.2	15,753.3	13,894.3	16,325
TMP		℃	0	1	186.9	186.03	184.8	183.37	187.31	189.58	186.56	187.4	186.97	186.22	186.05	185.38	185.38	185.77	185.96	186.54
TM1		℃	0	1	1,082.23	1,022.95	913	974.04	1,037.42	979.87	1,052.19	1,009.22	1,053.37	1,070.46	1,073.09	1,016.14	1,029.27	1,109.12	1,054.93	1,104.71
TM3		℃	0	1	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44

7월 31일 굴뚝별 트랜드

					07-31 00:00	07-31 00:30	07-31 01:00	07-31 01:30	07-31 02:00	07-31 02:30	07-31 03:00	07-31 03:30	07-31 04:00	07-31 04:30	07-31 05:00	07-31 05:30	07-31 06:00	07-31 06:30	07-31 07:00	07-31 07:30
TSP	20	mg/Sm³	12	1	0.51	0.55	0.53	0.46	0.41	0.41	0.41	0.41	0.52	0.39	0.41	0.42	0.41	0.37	0.38	0.38
SOx	30	ppm	12	1	0	0	0	3.13	0	0	0	0	1.07	0.91	0	0	0	0.03	0	0
NOx	70	ppm	12	1	23.49	17.91	18.63	20.21	22.83	23.72	20.96	22.48	37.8	28.45	26.18	16.35	19.83	19.67	26.32	27.24
HCl	15	ppm	12	1	6.72	3.66	5.08	7.67	5.76	4.72	4.16	3.67	4.79	5.88	5.43	4.76	3.32	3.18	3.36	2.43
CO	50	ppm	12	1	0.19	0.28	0.22	2.67	0.09	0.14	0.15	0.17	0.17	0.13	0.14	0.26	0.16	0.13	0.17	0.21
O_2		%	0	0.1	9.63	7.51	6.83	5.56	6.16	6.94	7.34	6.95	8.68	6.43	6.61	7.11	6	5.83	6.76	5.69
FL1		Sm³	12	10	11,155.4	14,344.6	15,125.1	16,218	15,120.7	14,066.1	13,678.1	14,095.8	12,564.9	14,589.3	14,452.3	14,006.3	15,263.4	15,065.4	14,061.5	15,595.9
TMP		℃	0	1	186.49	186.7	187.35	189.02	188.03	187.02	186.91	186.64	187.32	188.05	188.32	187.92	187.47	186.8	186.41	186.35
TM1		℃	0	1	1,068.03	1,023.85	1,048.87	1,100.05	1,093.42	1,069.91	1,046.3	1,063.37	1,107.71	1,093.83	1,075.25	1,023.37	1,066.47	1,083.8	1,066.28	1,089.03
TM3		℃	0	1	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44

					07-31 08:00	07-31 08:30	07-31 09:00	07-31 09:30	07-31 10:00	07-31 10:30	07-31 11:00	07-31 11:30	07-31 12:00	07-31 12:30	07-31 13:00	07-31 13:30	07-31 14:00	07-31 14:30	07-31 15:00	07-31 15:30
TSP	20	mg/Sm³	12	1	0.53	0.43	0.46	0.45	0.43	0.43	0.45	0.44	0.57	0.5	0.63	0.8	1.02	0.33	0.34	0.36
SOx	30	ppm	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0.01
NOx	70	ppm	12	1	34.92	21.7	29.52	21.83	21.48	27.78	19.58	18.67	17.73	18.96	18.36	25.03	19.63	15.77	17.98	20.39
HCl	15	ppm	12	1	3.55	3.21	2.65	3.81	2.56	2.48	3.06	3.48	4.16	3.63	4.18	3.89	5.67	3.04	2.97	3.13
CO	50	ppm	12	1	0.28	0.65	0.4	0.34	0.36	0.13	0.35	0.35	0.56	0.4	0.81	0.65	8.41	1.18	0.36	0.12
O_2		%	0	0.1	9.03	7.44	6.21	7.52	7.07	6.51	7.83	7.8	10.9	8.18	9.49	7.96	9.8	5.28	4.98	5.86
FL1		Sm³	12	10	11,857.2	13,664.9	15,492.6	13,804.3	14,151.7	14,804.2	13,330.6	13,173.3	10,931.9	13,064.4	12,001.2	14,827.9	12,589.9	15,186.2	15,883.5	14,781.3
TMP		℃	0	1	186.57	186.49	186.7	186.7	185.9	185.77	186.26	186.8	186.33	186.98	187.14	187.34	191.9	188.44	187.53	186.99
TM1		℃	0	1	1,073.07	1,022.71	1,061.32	1,025.23	1,030.89	1,067.63	994.75	993.62	957.97	974.13	931.97	1,006.34	927.67	1,074.68	1,104.55	1,101.61
TM3		℃	0	1	36.44	36.44	36.41	36.36	36.36	36.36	36.36	36.36	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.41

					07-31 16:00	07-31 16:30	07-31 17:00	07-31 17:30	07-31 18:00	07-31 18:30	07-31 19:00	07-31 19:30	07-31 20:00	07-31 20:30	07-31 21:00	07-31 21:30	07-31 22:00	07-31 22:30	07-31 23:00	07-31 23:30
TSP	20	mg/Sm³	12	1	0.45	0.39	0.38	0.38	0.41	0.43	0.52	0.49	0.52	0.35	0.35	0.35	0.38	0.38	0.4	0.39
SOx	30	ppm	12	1	0	0	0	3.39	1.13	0	0	1.32	0.05	0.15	0.1	0	0	0.03	0	0.01
NOx	70	ppm	12	1	26.23	24.04	21.74	19.9	25.73	22.66	21.82	15.97	26.05	16.95	12.76	16.17	15.37	14.21	17.22	14.47
HCl	15	ppm	12	1	3.72	2.82	2.61	3.07	5.4	5.86	4.96	4.68	6.63	4.59	3.88	3.66	2.8	2.55	3.65	4.45
CO	50	ppm	12	1	0.15	0.75	0.44	47.48	3.4	0.29	0.42	1.59	0.31	15.78	1.89	0.21	0.87	12.96	0.28	4.51
O_2		%	0	0.1	9.27	6.91	5.91	4.34	5.45	6.6	6.98	4.85	8.41	4.86	5.79	5.31	5.37	4.85	5.91	6.41
FL1		Sm³	12	10	11,875	13,933.7	15,196.1	17,077	15,921.3	14,636.6	14,730.5	17,279.8	12,714.4	16,269.3	14,931.2	15,706.1	15,941.3	16,630.7	15,376.3	14,634.1
TMP		℃	0	1	186.12	186.58	186.86	187.95	188.66	188.81	188.81	190.44	189.91	189.89	189.16	187.4	186.66	187.38	187.55	187.11
TM1		℃	0	1	1,090.17	1,066.86	1,085.71	1,114.07	1,098.53	1,042.71	1,011.96	1,061.64	1,054.91	1,090.15	1,047.91	1,054.27	1,067.61	1,077.19	1,032.78	1,023.49
TM3		℃	0	1	36.4	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.42