07월 04일 굴뚝별 트렌드

					07-04 00:00	07-04 00:30	07-04 01:00	07-04 01:30	07-04 02:00	07-04 02:30	07-04 03:00	07-04 03:30	07-04 04:00	07-04 04:30	07-04 05:00	07-04 05:30	07-04 06:00	07-04 06:30	07-04 07:00	07-04 07:30
TSP	20	mg/Sm³	12	1	0.97	0.98	0.93	0.74	0.70	0.74	0.71	0.85	1.07	0.71	0.73	0.72	0.71	0.70	0.73	1.05
SOx	30	ppm	12	1	1.92	0.44	0.92	0.32	0.92	0.00	0.20	0.00	0.00	0.40	0.00	0.00	0.00	0.00	2.31	0.00
NOx	70	ppm	12	1	42.64	25.98	32.90	22.74	24.92	22.44	24.63	25.85	35.63	20.82	20.31	25.38	19.84	26.85	20.08	24.69
HCl	15	ppm	12	1	3.64	1.34	2.68	1.25	1.55	0.59	0.70	0.05	0.32	0.00	0.00	0.00	0.00	0.00	0.22	0.78
CO	50	ppm	12	1	0.22	0.47	0.19	0.45	4.84	0.51	0.38	0.38	0.35	0.67	0.49	0.35	0.33	0.18	19.80	0.31
O_2		%	0	0.1	8.45	8.22	7.09	6.99	6.22	6.75	6.62	6.64	9.09	5.56	6.09	6.43	6.30	5.59	5.53	6.88
FL1		Sm³	12	10	10,346	11,203	11,967	12,279	12,981	12,580	12,672	12,740	10,300	13,720	13,271	13,027	13,150	13,648	13,746	12,401
TMP		℃	0	1	186.85	187.03	187.79	187.41	187.00	186.80	186.63	186.78	187.24	186.61	186.19	186.05	185.96	186.07	186.11	187.22
TM1		℃	0	1	1,100.21	1,016.29	1,063.97	1,024.20	1,058.45	1,032.62	1,056.97	1,030.78	1,046.21	1,055.22	1,043.53	1,048.61	1,055.25	1,071.91	1,079.31	1,053.63
IRS		℃	0	1	36.59	36.58	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

					07-04 08:00	07-04 08:30	07-04 09:00	07-04 09:30	07-04 10:00	07-04 10:30	07-04 11:00	07-04 11:30	07-04 12:00	07-04 12:30	07-04 13:00	07-04 13:30	07-04 14:00	07-04 14:30	07-04 15:00	07-04 15:30
TSP	20	mg/Sm³	12	1	1.35	0.98	0.98	0.91	0.82	0.75	0.83	0.87	0.96	0.77	0.72	0.76	0.75	0.71	0.75	0.71
SOx	30	ppm	12	1	0.01	0.09	0.07	0.65	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	37.93	23.40	28.84	28.84	16.18	18.62	22.83	17.70	26.74	18.15	20.45	19.04	17.40	16.88	17.56	15.50
HCl	15	ppm	12	1	0.65	0.08	1.21	4.14	1.17	0.01	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.28	3.31	0.31	0.25	0.65	7.31	0.39	0.86	0.78	0.59	0.37	0.43	0.56	0.37	0.44	0.68
O_2		%	0	0.1	9.39	7.24	7.47	7.35	7.69	6.89	7.36	8.59	10.22	8.12	7.82	7.91	8.17	7.66	8.22	7.53
FL1		Sm³	12	10	9,792	11,861	11,665	11,716	11,642	12,381	11,953	10,931	9,399	11,217	11,358	11,314	11,023	11,362	10,950	11,478
TMP		℃	0	1	188.18	187.82	188.13	188.13	186.85	186.06	186.21	186.13	185.72	185.59	185.49	185.37	185.21	185.11	185.21	185.40
TM1		℃	0	1	1,072.09	1,045.36	1,048.75	1,054.14	986.19	1,026.46	1,032.80	983.06	1,020.19	1,007.43	1,022.57	1,019.47	1,002.47	1,025.63	1,023.19	1,027.24
IRS		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

					07-04 16:00	07-04 16:30	07-04 17:00	07-04 17:30	07-04 18:00	07-04 18:30	07-04 19:00	07-04 19:30	07-04 20:00	07-04 20:30	07-04 21:00	07-04 21:30	07-04 22:00	07-04 22:30	07-04 23:00	07-04 23:30
TSP	20	mg/Sm³	12	1	1.01	0.84	0.84	0.77	0.71	0.77	0.77	0.71	0.95	0.76	0.75	0.82	0.91	0.95	0.88	0.92
SOx	30	ppm	12	1	0.00	0.69	0.00	0.24	0.01	0.86	0.16	0.27	0.56	4.17	0.30	3.32	10.57	1.62	0.00	0.00
NOx	70	ppm	12	1	21.77	17.95	17.35	20.55	22.40	22.55	18.91	21.32	27.05	15.78	14.33	20.82	32.02	22.88	25.48	22.40
HCl	15	ppm	12	1	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.62	0.92	0.08	0.41	5.58	3.82	0.00	0.02
CO	50	ppm	12	1	0.57	19.06	0.49	4.91	0.57	19.53	3.31	0.63	14.87	22.60	4.46	13.08	9.56	0.40	0.26	0.37
O_2		%	0	0.1	9.77	6.29	7.82	6.22	5.78	5.92	6.33	6.20	9.12	6.57	6.63	6.26	5.30	8.26	7.27	7.90
FL1		Sm³	12	10	9,829	12,527	11,243	12,687	12,900	13,028	12,714	12,616	10,177	12,157	12,344	12,693	13,495	10,758	11,725	11,164
TMP		℃	0	1	186.15	187.43	187.22	187.64	188.20	188.69	188.59	187.71	187.46	187.83	187.51	187.36	188.65	188.98	187.86	187.24
TM1		℃	0	1	1,039.68	1,080.43	1,025.57	1,077.39	1,104.75	1,116.05	1,078.67	1,083.79	1,070.85	1,059.30	1,066.53	1,073.77	1,154.81	1,060.45	1,080.99	1,047.17
IRS		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.58	36.57	36.58	36.59	36.59	36.58

07월 05일 굴뚝별 트렌드

					07-05 00:00	07-05 00:30	07-05 01:00	07-05 01:30	07-05 02:00	07-05 02:30	07-05 03:00	07-05 03:30	07-05 04:00	07-05 04:30	07-05 05:00	07-05 05:30	07-05 06:00	07-05 06:30	07-05 07:00	07-05 07:30
TSP	20	mg/Sm³	12	1	1.16	0.85	0.83	0.95	0.92	0.98	0.93	0.65	0.85	0.62	0.83	0.90	0.86	0.83	0.88	0.88
SOx	30	ppm	12	1	0.00	3.84	9.28	0.19	0.00	0.00	0.00	0.15	2.26	0.36	4.13	0.00	0.00	0.87	0.00	0.29
NOx	70	ppm	12	1	28.55	27.53	22.31	25.31	23.26	24.68	24.42	18.91	22.29	23.96	28.08	26.34	27.87	36.03	29.11	41.22
HCl	15	ppm	12	1	0.29	0.02	1.38	0.15	0.14	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.37	4.03	25.02	0.27	0.32	0.30	0.31	0.25	58.25	47.28	73.90	1.14	1.00	0.57	0.64	0.70
O_2		%	0	0.1	9.86	5.47	6.62	7.55	7.68	7.00	7.54	6.64	9.39	6.36	6.66	7.99	7.69	6.54	7.29	6.16
FL1		Sm³	12	10	9,278	13,378	12,359	11,784	11,469	12,127	11,819	12,403	9,740	12,860	12,666	11,288	11,617	12,544	11,918	12,779
TMP		℃	0	1	187.21	187.75	188.05	188.19	188.29	188.28	188.03	186.59	185.12	184.90	185.54	186.28	186.53	187.27	187.62	188.24
TM1		℃	0	1	1,060.20	1,140.06	1,078.13	1,061.15	1,042.41	1,047.19	1,045.78	1,069.37	1,041.54	1,043.14	1,076.17	1,015.21	1,031.09	1,068.05	1,049.08	1,068.13
IRS		℃	0	1	36.59	36.59	36.59	36.59	36.58	36.59	36.57	36.58	36.59	36.58	36.59	36.59	36.59	36.59	36.59	36.59

					07-05 08:00	07-05 08:30	07-05 09:00	07-05 09:30	07-05 10:00	07-05 10:30	07-05 11:00	07-05 11:30	07-05 12:00	07-05 12:30	07-05 13:00	07-05 13:30	07-05 14:00	07-05 14:30	07-05 15:00	07-05 15:30
TSP	20	mg/Sm³	12	1	1.11	0.97	0.83	0.73	0.67	0.58	0.51	0.48	0.46	0.47	0.53	0.45	0.64	0.74	0.78	0.71
SOx	30	ppm	12	1	0.00	0.00	0.04	0.00	0.00	26.05	25.38	9.10	0.33	1.29	10.69	0.10	0.11	0.26	0.36	2.25
NOx	70	ppm	12	1	28.55	19.53	5.97	0.00	0.20	58.71	55.46	36.64	51.28	56.54	42.58	0.21	10.24	29.06	29.67	29.25
HCl	15	ppm	12	1	0.14	0.00	0.09	0.00	2.98	9.07	10.66	7.82	3.29	4.26	5.43	0.00	0.11	1.24	1.17	2.43
CO	50	ppm	12	1	0.83	0.46	0.28	0.01	0.01	75.49	72.11	25.83	13.19	17.39	37.40	0.00	5.90	19.55	4.86	12.23
O_2		%	0	0.1	10.12	7.21	14.74	20.67	15.73	12.56	11.88	9.23	10.02	6.95	10.19	19.01	18.27	6.72	6.67	5.91
FL1		Sm³	12	10	9,790	11,849	14,778	15,955	15,102	13,931	13,416	13,268	13,539	13,613	13,693	12,093	14,603	14,148	12,171	12,808
TMP		℃	0	1	188.27	188.47	188.65	189.82	175.14	154.39	148.74	146.14	143.98	143.08	142.87	126.83	158.79	173.83	172.14	167.25
TM1		℃	0	1	1,025.99	1,012.39	1,050.73	1,057.41	1,082.31	1,060.65	1,065.05	1,088.29	1,066.21	1,056.41	1,067.95	916.16	1,043.33	1,033.10	1,046.07	1,066.14
IRS		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.58	36.57	36.55	36.55	36.56	32.72	36.56	36.56	36.55	36.55

					07-05 16:00	07-05 16:30	07-05 17:00	07-05 17:30	07-05 18:00	07-05 18:30	07-05 19:00	07-05 19:30	07-05 20:00	07-05 20:30	07-05 21:00	07-05 21:30	07-05 22:00	07-05 22:30	07-05 23:00	07-05 23:30
TSP	20	mg/Sm³	12	1	0.97	0.97	1.00	1.04	0.92	0.94	1.07	0.95	0.97	0.68	0.65	0.70	0.82	0.70	0.72	0.70
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	3.74	0.64	0.62	0.43	0.00	0.00	0.00	0.00	0.01	0.65
NOx	70	ppm	12	1	37.98	20.90	20.36	17.31	22.21	17.70	21.07	8.37	16.90	21.96	15.48	10.05	9.32	15.41	14.22	14.93
HCl	15	ppm	12	1	6.49	2.06	0.03	0.00	0.13	0.98	2.13	2.02	4.65	1.83	2.00	0.70	0.00	0.00	0.12	0.07
CO	50	ppm	12	1	0.65	0.97	0.80	0.66	0.61	1.05	16.20	0.07	0.18	0.52	0.98	0.96	1.60	0.52	0.46	19.26
O_2		%	0	0.1	9.89	8.25	7.06	7.44	6.74	7.81	12.94	16.94	14.44	9.23	8.01	9.01	10.65	8.83	9.24	8.94
FL1		Sm³	12	10	9,426	10,922	12,099	11,627	12,043	11,099	8,647	7,439	6,927	10,440	11,317	10,428	9,065	10,690	10,396	10,725
TMP		℃	0	1	165.24	176.84	184.71	187.61	188.42	188.22	183.55	174.88	185.06	185.73	185.02	186.16	187.37	188.16	188.69	188.30
TM1		℃	0	1	1,030.32	978.06	995.93	992.94	1,005.59	960.87	974.50	864.16	793.56	902.49	986.67	974.45	894.81	990.42	979.71	990.50
IRS		℃	0	1	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55

07월 06일 굴뚝별 트렌드

					07-06 00:00	07-06 00:30	07-06 01:00	07-06 01:30	07-06 02:00	07-06 02:30	07-06 03:00	07-06 03:30	07-06 04:00	07-06 04:30	07-06 05:00	07-06 05:30	07-06 06:00	07-06 06:30	07-06 07:00	07-06 07:30
TSP	20	mg/Sm³	12	1	0.79	0.72	0.70	0.67	0.72	0.84	0.85	0.81	1.00	0.97	0.91	0.96	0.92	1.04	1.01	0.90
SOx	30	ppm	12	1	0.10	0.81	0.00	0.14	1.59	0.01	0.19	0.17	0.00	4.10	5.36	0.26	9.24	1.76	0.94	11.45
NOx	70	ppm	12	1	22.10	16.90	24.91	23.00	23.03	20.96	19.47	24.77	24.08	20.00	28.45	19.75	27.51	24.77	28.16	26.22
HCl	15	ppm	12	1	1.99	4.85	0.79	0.57	1.01	0.54	0.03	0.06	1.62	1.18	2.16	4.45	3.25	6.73	4.89	5.42
CO	50	ppm	12	1	0.60	0.52	0.45	20.91	23.01	5.29	17.47	8.50	0.81	32.71	0.73	0.78	29.52	0.91	0.57	42.50
O_2		%	0	0.1	10.94	9.14	8.75	8.35	6.79	8.07	7.20	6.41	11.06	6.96	5.52	8.98	6.02	7.87	6.97	5.71
FL1		Sm³	12	10	9,920	10,507	10,943	11,257	12,739	11,457	12,254	12,899	9,107	12,374	13,604	10,601	13,327	11,596	12,380	13,573
TMP		℃	0	1	187.68	187.34	187.50	186.18	185.71	185.39	185.33	185.57	185.09	185.48	186.86	187.05	187.03	187.53	187.60	187.52
TM1		℃	0	1	971.95	967.99	996.97	1,024.35	1,055.43	1,003.97	1,025.27	1,055.52	986.53	1,044.09	1,103.69	1,010.49	1,082.01	1,028.70	1,034.79	1,073.40
IRS		℃	0	1	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55

					07-06 08:00	07-06 08:30	07-06 09:00	07-06 09:30	07-06 10:00	07-06 10:30	07-06 11:00	07-06 11:30	07-06 12:00	07-06 12:30	07-06 13:00	07-06 13:30	07-06 14:00	07-06 14:30	07-06 15:00	07-06 15:30
TSP	20	mg/Sm³	12	1	0.96	0.74	0.73	0.74	0.79	0.79	0.71	0.72	0.94	0.67	0.66	0.71	0.70	0.71	0.72	0.71
SOx	30	ppm	12	1	0.35	0.00	0.88	0.00	0.00	0.25	0.08	0.00	0.01	0.23	0.14	0.02	0.22	0.00	0.00	1.34
NOx	70	ppm	12	1	29.96	22.90	17.76	24.06	20.62	20.14	20.26	18.94	22.33	17.19	18.85	18.76	21.01	17.78	20.93	20.71
HCl	15	ppm	12	1	8.40	0.58	1.13	0.35	0.02	0.00	0.00	0.00	0.43	0.00	0.00	0.00	0.10	0.54	0.59	2.01
CO	50	ppm	12	1	1.63	0.76	24.06	0.49	0.60	24.89	16.46	0.80	1.25	16.46	6.99	0.64	9.85	0.40	0.95	1.31
O_2		%	0	0.1	10.86	6.54	6.46	6.43	7.33	5.91	5.77	7.05	10.04	5.75	5.66	6.87	5.90	6.90	6.23	5.89
FL1		Sm³	12	10	9,826	12,998	13,152	13,093	12,511	13,503	13,587	12,508	10,424	13,518	13,811	12,644	13,509	12,638	13,278	13,428
TMP		℃	0	1	186.55	185.30	184.83	185.59	185.83	186.16	186.54	185.87	185.55	185.28	185.56	185.49	185.51	185.39	185.59	185.85
TM1		℃	0	1	987.27	1,031.73	1,037.23	1,039.03	999.11	1,044.40	1,075.19	1,031.60	996.85	1,026.83	1,068.44	1,025.05	1,052.27	1,011.09	1,029.63	1,049.57
IRS		℃	0	1	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55

					07-06 16:00	07-06 16:30	07-06 17:00	07-06 17:30	07-06 18:00	07-06 18:30	07-06 19:00	07-06 19:30	07-06 20:00	07-06 20:30	07-06 21:00	07-06 21:30	07-06 22:00	07-06 22:30	07-06 23:00	07-06 23:30
TSP	20	mg/Sm³	12	1	0.90	0.70	0.76	0.75	0.92	0.94	0.70	0.71	0.94	0.69	0.70	0.65	0.75	0.82	0.67	0.88
SOx	30	ppm	12	1	2.29	1.76	0.38	2.57	0.00	0.00	0.00	0.57	0.00	0.36	1.49	0.11	0.01	0.46	0.93	1.03
NOx	70	ppm	12	1	30.78	24.51	23.00	22.61	26.58	24.12	20.12	21.57	31.44	19.27	24.62	24.45	22.29	22.85	20.50	30.10
HCl	15	ppm	12	1	6.47	8.16	7.22	6.21	3.65	2.58	0.58	0.27	1.69	0.00	0.43	0.60	0.20	0.00	0.00	0.24
CO	50	ppm	12	1	0.61	0.34	0.56	5.68	0.55	0.43	0.49	16.67	0.59	25.40	0.76	10.69	7.88	13.89	17.81	0.48
O_2		%	0	0.1	8.94	6.32	7.37	6.83	7.52	6.86	6.69	5.96	9.99	6.29	5.68	5.40	6.52	6.14	5.39	5.74
FL1		Sm³	12	10	10,851	13,060	12,027	12,643	12,181	12,369	12,800	13,413	9,902	13,211	13,421	13,766	12,805	13,106	13,733	13,444
TMP		℃	0	1	186.00	186.07	185.91	185.57	185.35	186.08	185.20	184.61	184.30	183.68	183.77	184.14	184.10	184.11	184.16	185.03
TM1		℃	0	1	1,046.21	1,054.32	1,016.41	1,018.63	1,005.98	1,037.61	1,029.27	1,053.46	1,032.77	1,057.01	1,078.25	1,100.56	1,052.62	1,046.77	1,074.73	1,086.07
IRS		℃	0	1	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55