07월 07일 굴뚝별 트렌드

					07-07 00:00	07-07 00:30	07-07 01:00	07-07 01:30	07-07 02:00	07-07 02:30	07-07 03:00	07-07 03:30	07-07 04:00	07-07 04:30	07-07 05:00	07-07 05:30	07-07 06:00	07-07 06:30	07-07 07:00	07-07 07:30
TSP	20	mg/Sm³	12	1	0.95	0.92	0.83	0.90	0.89	0.86	0.86	0.85	1.09	0.91	0.89	0.93	0.87	0.92	0.87	0.89
SOx	30	ppm	12	1	1.55	0.00	0.61	0.00	0.21	0.13	0.87	0.30	1.98	0.00	0.00	0.00	0.75	0.16	0.96	0.00
NOx	70	ppm	12	1	36.10	22.13	25.18	23.80	22.38	23.88	24.18	24.24	32.52	24.19	23.48	22.16	23.15	24.69	23.65	23.45
HCl	15	ppm	12	1	2.78	1.52	1.14	1.02	0.49	0.32	0.50	0.92	1.69	0.42	0.01	0.13	0.19	0.37	1.05	1.19
CO	50	ppm	12	1	0.88	0.39	1.56	0.53	4.66	6.17	21.14	5.81	8.18	0.61	0.35	0.50	25.26	6.66	8.80	0.46
O_2		%	0	0.1	9.01	7.16	5.90	6.91	5.82	5.22	5.63	6.52	9.47	7.44	6.47	7.87	5.49	6.72	6.27	6.82
FL1		Sm³	12	10	10,691	12,113	13,208	12,390	13,424	13,873	13,479	12,744	9,834	11,993	12,887	11,611	13,640	12,677	13,314	12,603
TMP		℃	0	1	185.18	185.64	185.94	186.19	186.51	187.01	187.25	186.97	186.61	186.19	186.38	186.43	186.71	186.98	187.14	187.33
TM1		℃	0	1	1,078.36	1,016.63	1,053.62	1,028.41	1,064.64	1,086.64	1,076.89	1,053.61	1,062.26	1,014.63	1,045.64	1,005.38	1,087.09	1,048.65	1,052.55	1,036.37
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

					07-07 08:00	07-07 08:30	07-07 09:00	07-07 09:30	07-07 10:00	07-07 10:30	07-07 11:00	07-07 11:30	07-07 12:00	07-07 12:30	07-07 13:00	07-07 13:30	07-07 14:00	07-07 14:30	07-07 15:00	07-07 15:30
TSP	20	mg/Sm³	12	1	1.08	0.77	0.67	0.80	0.68	0.70	0.73	0.75	0.95	0.85	0.88	0.88	0.96	0.90	0.90	1.01
SOx	30	ppm	12	1	1.59	0.00	0.03	0.09	2.23	0.68	0.17	6.55	13.46	4.15	4.18	1.22	0.00	0.69	0.55	0.00
NOx	70	ppm	12	1	21.88	15.00	20.67	18.69	20.35	25.36	16.61	19.75	27.77	23.35	29.98	26.01	30.92	28.81	29.18	27.47
HCl	15	ppm	12	1	1.37	0.36	0.14	1.80	1.60	2.71	3.74	5.94	13.29	9.58	8.32	5.03	2.28	1.39	2.13	1.89
CO	50	ppm	12	1	47.19	1.37	7.27	0.86	32.10	0.45	0.63	0.95	1.09	4.86	0.38	1.48	0.62	13.04	7.39	1.12
O_2		%	0	0.1	8.66	7.76	6.24	6.99	4.84	6.31	7.00	6.36	9.23	6.97	6.34	6.84	7.64	7.19	7.09	8.33
FL1		Sm³	12	10	11,276	11,905	13,591	12,782	14,774	13,494	12,666	13,412	10,492	12,604	13,094	12,600	12,142	12,488	12,421	11,370
TMP		℃	0	1	187.15	186.01	185.33	185.36	185.55	185.43	185.21	185.08	185.14	185.36	185.78	186.08	186.22	186.30	186.58	186.55
TM1		℃	0	1	1,047.11	996.65	1,042.14	1,006.99	1,093.43	1,063.99	1,022.15	1,033.15	1,058.14	1,036.19	1,058.65	1,056.30	1,009.34	1,021.35	1,038.90	969.14
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

					07-07 16:00	07-07 16:30	07-07 17:00	07-07 17:30	07-07 18:00	07-07 18:30	07-07 19:00	07-07 19:30	07-07 20:00	07-07 20:30	07-07 21:00	07-07 21:30	07-07 22:00	07-07 22:30	07-07 23:00	07-07 23:30
TSP	20	mg/Sm³	12	1	1.16	0.89	0.96	0.96	0.97	1.02	0.98	0.99	1.33	1.03	0.83	0.92	0.90	0.89	0.66	0.65
SOx	30	ppm	12	1	8.65	2.38	0.05	2.05	0.41	0.00	0.00	4.37	0.47	0.00	1.38	0.97	1.54	0.43	0.00	0.94
NOx	70	ppm	12	1	43.48	25.02	28.98	28.92	26.11	26.46	27.18	27.22	35.22	26.22	27.75	25.98	33.33	31.31	28.71	25.30
HCl	15	ppm	12	1	6.81	7.77	5.05	5.38	3.74	2.32	1.56	3.82	2.63	0.77	1.13	1.68	1.02	1.27	0.18	0.37
CO	50	ppm	12	1	0.80	0.56	0.65	0.56	0.51	0.72	0.66	13.43	0.50	0.31	5.78	0.27	15.82	0.39	0.22	19.49
O_2		%	0	0.1	9.39	7.54	7.68	7.19	7.00	7.75	7.53	6.42	9.47	6.65	5.72	6.90	6.35	6.85	5.84	6.24
FL1		Sm³	12	10	10,630	12,006	11,952	12,628	12,465	11,796	12,066	12,944	10,038	12,824	13,869	12,509	13,116	12,570	13,695	13,282
TMP		℃	0	1	186.55	186.35	186.07	186.15	186.29	186.28	186.05	186.80	187.12	186.58	185.98	185.98	185.64	186.05	184.99	184.16
TM1		℃	0	1	1,027.45	1,010.79	1,002.88	1,026.69	1,011.89	991.17	1,007.85	1,054.01	1,064.46	1,038.05	1,092.75	1,062.27	1,084.77	1,081.07	1,085.01	1,080.31
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 08일 굴뚝별 트렌드

					07-08	07-08	07-08	07-08	07-08	07-08	07-08	07-08	07-08	07-08	07-08	07-08	07-08	07-08	07-08
					00:00	00:30	01:00	01:30	02:00	02:30	03:00	03:30	04:00	04:30	05:00	05:30	06:00	06:30	07:00	07:30
TSP	20	mg/Sm³	12	1	0.85	0.74	0.69	0.70	0.71	0.75	0.73	0.72	0.93	0.78	0.75	0.75	0.70	0.84	0.83	0.81
SOx	30	ppm	12	1	0.03	0.00	0.88	0.04	0.09	0.09	0.22	0.00	1.52	0.15	0.59	0.42	7.63	0.09	0.00	0.00
NOx	70	ppm	12	1	37.11	23.27	20.35	24.19	26.15	28.25	23.86	28.08	22.60	25.99	21.53	17.48	21.62	21.35	24.90	22.36
HCl	15	ppm	12	1	0.58	0.45	0.22	0.00	0.03	0.26	0.36	0.77	1.42	0.68	1.62	1.61	0.56	0.51	0.00	0.00
CO	50	ppm	12	1	0.40	0.43	6.32	0.29	5.45	0.22	4.41	0.19	26.95	0.68	12.42	15.45	40.55	2.84	0.49	0.45
O_2		%	0	0.1	9.12	7.60	6.17	5.89	6.36	6.14	6.14	6.04	8.70	7.73	6.97	8.00	5.09	6.55	6.67	7.38
FL1		Sm³	12	10	11,065	11,981	13,230	13,497	13,065	13,293	13,298	13,448	11,228	11,904	12,590	11,657	14,271	12,877	12,730	12,112
TMP		℃	0	1	183.84	183.97	184.18	184.59	185.09	185.55	185.78	186.03	186.07	185.65	185.60	185.07	184.74	185.47	185.67	185.73
TM1		℃	0	1	1,053.33	1,033.23	1,081.12	1,082.11	1,068.78	1,076.63	1,067.87	1,080.40	1,059.21	1,016.71	1,025.78	997.01	1,071.19	1,060.75	1,048.57	1,039.11
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

					07-08	07-08	07-08	07-08	07-08	07-08	07-08	07-08	07-08	07-08	07-08	07-08	07-08	07-08	07-08	07-08
					08:00	08:30	09:00	09:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30
TSP	20	mg/Sm³	12	1	1.01	0.76	0.84	0.87	0.87	0.89	1.23	1.13	1.18	0.90	0.94	0.90	0.89	0.86	0.89	0.90
SOx	30	ppm	12	1	0.01	0.16	1.43	0.50	1.80	0.02	0.06	0.46	0.03	0.15	0.68	1.33	0.35	5.24	0.39	0.00
NOx	70	ppm	12	1	34.00	21.59	22.13	24.58	24.14	18.64	15.91	24.01	36.21	22.84	24.28	21.34	22.35	22.79	28.59	27.24
HCl	15	ppm	12	1	0.41	0.00	0.14	0.67	0.46	0.15	0.07	2.28	2.78	0.95	0.22	0.70	0.63	0.26	0.06	0.13
CO	50	ppm	12	1	0.43	0.28	19.42	0.25	11.93	0.42	0.12	0.27	13.82	0.22	0.29	9.30	4.00	32.11	0.20	0.24
O_2		%	0	0.1	9.08	6.25	6.82	6.76	6.11	7.76	12.81	10.39	8.66	5.97	6.06	5.53	6.78	5.56	5.70	6.83
FL1		Sm³	12	10	10,990	13,185	12,657	12,509	13,054	11,743	9,695	10,383	10,897	13,555	13,511	14,048	12,782	13,862	13,912	12,787
TMP		℃	0	1	185.90	186.23	186.31	186.59	187.36	187.21	187.22	187.48	188.11	188.60	188.86	189.12	188.82	188.66	189.00	188.84
TM1		℃	0	1	1,058.79	1,065.05	1,041.17	1,073.19	1,087.46	1,042.31	1,081.00	1,065.81	1,055.47	1,059.21	1,046.18	1,072.59	1,035.08	1,073.23	1,082.29	1,049.24
IRS		℃	0	1	36.55	36.55	36.55	36.55	36.55	36.55	36.56	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55	36.55

					07-08	07-08	07-08	07-08	07-08	07-08	07-08	07-08	07-08	07-08	07-08	07-08	07-08	07-08	07-08	07-08
					16:00	16:30	17:00	17:30	18:00	18:30	19:00	19:30	20:00	20:30	21:00	21:30	22:00	22:30	23:00	23:30
TSP	20	mg/Sm³	12	1	1.12	0.92	1.00	0.90	0.99	0.99	1.00	1.05	1.40	1.08	1.04	1.07	1.10	1.05	1.06	1.03
SOx	30	ppm	12	1	0.00	0.00	1.29	1.31	1.11	0.85	1.10	0.17	0.00	1.82	0.21	0.00	0.00	0.60	0.03	0.40
NOx	70	ppm	12	1	38.13	22.94	25.20	25.05	26.64	29.70	27.95	24.32	33.84	26.05	26.33	27.96	22.14	27.41	24.85	29.64
HCl	15	ppm	12	1	0.41	0.19	1.81	1.53	1.41	2.89	4.19	2.15	3.31	2.16	1.32	0.66	1.13	0.96	1.92	1.76
CO	50	ppm	12	1	0.33	0.43	0.26	0.25	1.00	0.22	4.00	0.34	0.56	16.95	2.29	0.46	0.58	0.48	0.55	0.27
O_2		%	0	0.1	9.43	7.42	5.92	5.51	6.25	6.21	6.13	6.76	9.48	5.84	6.52	7.11	7.35	6.11	7.55	5.94
FL1		Sm³	12	10	10,770	12,255	13,608	14,144	13,070	13,361	13,184	12,775	9,973	13,314	12,828	12,206	11,961	13,009	11,794	13,165
TMP		℃	0	1	188.12	187.74	188.52	188.87	188.88	189.09	189.53	189.36	189.05	189.60	189.42	188.84	188.87	189.03	188.70	188.87
TM1		℃	0	1	1,034.74	1,011.21	1,066.22	1,079.42	1,063.52	1,083.07	1,083.85	1,032.35	1,022.20	1,059.35	1,041.93	1,019.02	1,009.19	1,042.07	1,003.57	1,067.96
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 09일 굴뚝별 트렌드

					07-09 00:00	07-09 00:30	07-09 01:00	07-09 01:30	07-09 02:00	07-09 02:30	07-09 03:00	07-09 03:30	07-09 04:00	07-09 04:30	07-09 05:00	07-09 05:30	07-09 06:00	07-09 06:30	07-09 07:00	07-09 07:30
TSP	20	mg/Sm³	12	1	1.40	1.01	1.07	1.02	1.12	1.06	1.05	1.07	1.43	1.07	1.09	1.11	1.18	1.07	1.12	1.03
SOx	30	ppm	12	1	4.33	0.79	0.39	0.86	0.00	0.48	0.10	0.09	0.00	0.00	0.00	0.00	0.36	0.36	0.46	1.08
NOx	70	ppm	12	1	32.09	27.07	24.01	26.38	25.02	27.90	26.03	21.60	33.47	23.80	21.90	23.94	22.55	27.98	22.26	29.61
HCl	15	ppm	12	1	7.09	1.70	2.16	3.04	2.34	2.44	0.74	1.48	1.50	1.05	0.12	0.67	3.88	3.69	3.65	2.37
CO	50	ppm	12	1	6.70	0.35	5.46	0.36	0.52	0.49	0.43	0.50	0.60	0.46	0.72	0.64	0.55	0.33	0.37	0.20
O_2		%	0	0.1	9.22	6.13	7.43	6.29	7.33	7.02	6.38	7.38	9.24	7.02	7.38	7.10	7.18	6.50	6.59	5.78
FL1		Sm³	12	10	9,694	13,092	11,941	12,937	12,068	12,518	13,057	12,001	10,351	12,321	12,010	12,290	12,184	12,796	12,708	13,500
TMP		℃	0	1	189.33	189.15	188.66	188.92	188.98	188.93	189.02	188.84	188.95	189.05	188.72	188.54	188.99	189.15	189.01	189.20
TM1		℃	0	1	1,056.85	1,060.57	1,013.25	1,050.20	1,009.32	1,026.14	1,034.83	1,013.17	1,010.89	1,020.15	997.26	998.73	1,001.85	1,025.35	1,026.30	1,075.07
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

					07-09 08:00	07-09 08:30	07-09 09:00	07-09 09:30	07-09 10:00	07-09 10:30	07-09 11:00	07-09 11:30	07-09 12:00	07-09 12:30	07-09 13:00	07-09 13:30	07-09 14:00	07-09 14:30	07-09 15:00	07-09 15:30
TSP	20	mg/Sm³	12	1	1.32	0.94	0.85	0.80	0.71	0.63	0.60	0.60	0.83	0.61	0.61	0.65	0.58	0.72	0.86	1.00
SOx	30	ppm	12	1	0.07	0.00	0.00	0.02	1.75	0.00	0.01	0.60	0.71	1.35	3.58	0.52	3.91	6.65	4.26	0.00
NOx	70	ppm	12	1	45.32	22.35	29.82	23.94	17.46	11.07	12.66	11.94	16.92	8.74	7.70	8.82	10.60	15.49	24.35	16.51
HCl	15	ppm	12	1	2.98	0.20	0.00	0.00	0.09	0.01	0.00	0.12	1.63	1.98	2.65	2.39	5.93	8.39	4.84	2.32
CO	50	ppm	12	1	0.27	0.52	0.32	1.16	26.87	16.82	17.82	29.12	34.47	37.98	49.46	28.43	62.85	44.83	31.20	0.48
O_2		%	0	0.1	9.07	7.75	6.72	5.99	4.51	5.38	5.27	5.80	8.50	5.45	5.24	5.98	4.55	4.77	4.50	7.51
FL1		Sm³	12	10	10,188	11,924	12,716	13,336	14,567	13,938	14,098	13,556	10,675	13,918	14,455	13,690	15,055	14,809	14,887	11,904
TMP		℃	0	1	188.84	187.37	186.78	186.89	187.20	186.31	185.82	184.96	184.64	185.25	185.44	185.35	185.38	185.99	187.16	187.34
TM1		℃	0	1	1,057.18	1,015.77	1,055.94	1,060.09	1,106.38	1,062.30	1,073.22	1,059.73	1,054.47	1,074.35	1,056.61	1,042.09	1,101.48	1,106.32	1,125.58	1,012.03
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

					07-09 16:00	07-09 16:30	07-09 17:00	07-09 17:30	07-09 18:00	07-09 18:30	07-09 19:00	07-09 19:30	07-09 20:00	07-09 20:30	07-09 21:00	07-09 21:30	07-09 22:00	07-09 22:30	07-09 23:00	07-09 23:30
TSP	20	mg/Sm³	12	1	1.28	0.96	1.03	0.97	1.03	1.06	1.13	1.01	1.40	0.98	0.94	0.97	1.04	0.92	1.08	0.96
SOx	30	ppm	12	1	0.17	0.47	3.36	2.11	0.00	0.00	0.00	4.65	0.00	0.00	0.12	0.00	0.10	7.21	0.57	0.61
NOx	70	ppm	12	1	25.99	17.43	17.60	24.08	19.91	19.81	20.85	23.04	23.93	24.81	26.25	27.68	27.93	31.07	30.78	30.00
HCl	15	ppm	12	1	1.74	1.10	1.23	1.76	1.02	0.00	0.05	6.12	5.79	1.63	1.03	1.08	1.47	9.07	7.35	10.28
CO	50	ppm	12	1	0.53	0.59	0.79	0.23	0.26	0.33	0.46	0.32	0.53	0.43	0.41	0.41	0.49	5.31	0.71	0.53
O_2		%	0	0.1	9.06	6.16	5.66	4.83	6.96	6.89	7.14	5.90	9.08	7.26	6.40	7.17	7.13	6.05	7.70	7.25
FL1		Sm³	12	10	10,333	13,031	13,572	14,345	12,487	12,330	12,103	13,515	10,387	12,151	12,759	12,143	12,179	13,383	11,763	12,189
TMP		℃	0	1	187.31	187.78	188.39	189.34	189.31	188.36	188.32	188.56	188.25	187.02	186.39	185.90	186.00	186.52	186.46	186.08
TM1		℃	0	1	1,011.01	1,031.48	1,051.21	1,096.88	1,033.88	1,007.67	1,000.41	1,053.93	1,019.27	1,015.88	1,053.49	1,033.83	1,030.04	1,088.78	994.01	1,039.01
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