07월 13일 굴뚝별 트렌드

					07-13	07-13	07-13	07-13	07-13	07-13	07-13	07-13	07-13	07-13	07-13	07-13	07-13	07-13	07-13
					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/S㎥	12	1	1.33	1.02	0.94	0.95	0.98	0.96	0.96	0.98	1.17	0.95	0.95	1.01	0.98	0.99	1.04	1.00
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.00	0.00	0.00	0.00	0.27	0.00	0.00	0.00
NOx	70	ppm	12	1	9.25	3.53	4.36	5.70	5.16	6.32	6.67	5.93	7.79	8.01	10.33	6.69	10.55	10.62	7.73	4.55
HCl	15	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	9.86	4.83	1.32	0.62	0.67	0.62	1.35	0.71	1.05	0.28	0.50	2.14	0.28	0.49	0.34	2.10
O_2		%	0	0.1	8.95	6.22	6.24	7.43	7.30	6.92	5.46	7.32	8.88	6.18	5.48	6.43	5.69	5.23	5.97	6.25
FL1		Sm³	12	10	10,674	12,927	12,826	11,907	12,013	12,361	13,644	12,001	10,561	13,026	13,644	12,792	13,401	13,873	13,164	12,901
TMP		℃	0	1	188.62	188.72	188.53	187.71	187.63	187.81	188.54	188.98	188.08	188.04	189.16	189.16	189.28	189.79	189.85	189.71
TM1		℃	0	1	1,029.75	1,032.90	1,034.61	991.66	983.68	1,012.42	1,069.61	985.21	1,042.55	1,059.89	1,076.73	1,047.78	1,074.16	1,085.35	1,045.86	1,042.87
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

					07-13	07-13	07-13	07-13	07-13	07-13	07-13	07-13	07-13	07-13	07-13	07-13	07-13	07-13	07-13
					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/S㎥	12	1	1.28	1.01	1.16	1.06	1.14	1.11	1.23	1.13	1.69	1.21	1.13	1.14	1.07	1.04	1.10	1.14
SOx	30	ppm	12	1	0.00	0.00	0.50	2.74	6.54	1.83	0.00	0.56	0.00	0.00	0.75	0.37	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	5.96	5.61	7.44	5.51	8.93	5.93	7.12	13.38	15.69	7.00	10.71	7.61	11.36	13.99	10.61	10.17
HCl	15	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	1.17	0.53	2.79	9.92	27.65	0.76	0.84	0.46	0.58	0.69	13.05	2.42	0.53	0.36	0.32	0.49
O_2		%	0	0.1	9.10	6.75	5.40	5.79	5.78	7.02	7.28	5.43	9.31	7.57	6.42	6.86	7.00	6.69	6.45	6.68
FL1		Sm³	12	10	10,408	12,491	13,591	13,173	13,134	12,054	11,805	13,542	9,817	11,577	12,599	12,076	11,935	12,262	12,539	12,337
TMP		℃	0	1	189.25	188.86	189.82	190.65	190.21	190.16	190.32	190.50	191.08	190.24	189.76	190.01	189.71	189.44	189.69	189.93
TM1		℃	0	1	1,035.81	1,017.05	1,077.73	1,060.94	1,070.26	1,006.87	981.36	1,078.61	1,029.44	981.70	1,036.69	992.18	1,011.98	1,047.52	1,024.13	1,025.31
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

					07-13	07-13	07-13	07-13	07-13	07-13	07-13	07-13	07-13	07-13	07-13	07-13	07-13	07-13	07-13
					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/S㎥	12	1	1.41	1.10	1.02	1.08	1.12	1.15	1.14	1.05	1.35	1.03	1.06	0.97	1.04	1.02	1.06	1.13
SOx	30	ppm	12	1	0.00	0.00	0.00	2.44	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	13.76	9.36	8.35	12.24	11.37	7.64	6.73	6.26	14.31	12.34	14.34	7.66	6.56	5.47	6.87	4.77
HCl	15	ppm	12	1	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.74	0.63	0.57	26.27	0.33	1.35	0.56	5.48	1.14	0.92	0.40	2.48	0.63	2.23	2.01	6.36
O_2		%	0	0.1	8.92	7.25	7.34	5.43	5.95	5.86	6.39	5.54	8.69	5.73	5.56	5.87	7.44	7.13	6.49	6.61
FL1		Sm³	12	10	10,036	11,804	11,671	13,488	12,777	12,948	12,479	13,154	10,073	13,064	13,381	13,291	11,906	12,295	12,703	12,569
TMP		℃	0	1	190.17	190.02	189.32	189.56	190.41	190.42	190.23	189.85	189.54	189.44	189.63	189.05	188.55	187.97	187.94	188.48
TM1		℃	0	1	1,036.02	988.90	996.68	1,075.74	1,047.70	1,058.81	1,018.90	1,066.09	1,081.75	1,092.97	1,101.55	1,073.37	1,006.77	1,008.47	1,032.57	1,022.01
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

07월 14일 굴뚝별 트렌드

					07-14 00:00	07-14 00:30	07-14 01:00	07-14 01:30	07-14 02:00	07-14 02:30	07-14 03:00	07-14 03:30	07-14 04:00	07-14 04:30	07-14 05:00	07-14 05:30	07-14 06:00	07-14 06:30	07-14 07:00	07-14 07:30
TSP	20	mg/Sm³	12	1	1.56	1.04	1.05	1.07	1.12	1.06	1.09	1.06	1.44	1.02	0.96	1.00	1.03	1.05	1.11	1.11
SOx	30	ppm	12	1	0.00	0.27	0.01	0.24	0.00	0.04	0.16	0.00	0.21	0.16	0.00	0.00	0.00	0.00	0.00	0.06
NOx	70	ppm	12	1	5.85	4.64	7.95	9.19	8.15	7.17	7.08	6.22	7.26	5.45	7.47	7.56	6.28	8.13	5.62	5.10
HCl	15	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	29.49	11.42	2.28	1.91	0.96	2.78	11.80	9.02	17.25	27.68	0.59	0.57	1.32	0.70	1.24	6.05
O_2		%	0	0.1	7.82	5.45	6.75	6.64	6.90	6.26	5.79	5.86	8.64	6.51	7.04	6.68	6.69	6.84	6.98	7.05
FL1		Sm³	12	10	10,904	13,396	12,428	12,512	12,316	12,845	13,291	13,159	10,400	12,598	12,193	12,483	12,500	12,338	12,246	12,193
TMP		℃	0	1	189.25	189.77	189.02	188.70	188.53	188.38	188.74	189.07	188.98	188.81	187.86	187.57	187.53	187.90	188.24	188.52
TM1		℃	0	1	1,072.21	1,063.56	1,042.95	1,025.85	1,015.80	1,032.69	1,063.04	1,061.83	1,052.75	1,045.55	1,028.41	1,024.15	1,036.48	1,029.65	1,006.19	1,006.37
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

					07-14 08:00	07-14 08:30	07-14 09:00	07-14 09:30	07-14 10:00	07-14 10:30	07-14 11:00	07-14 11:30	07-14 12:00	07-14 12:30	07-14 13:00	07-14 13:30	07-14 14:00	07-14 14:30	07-14 15:00	07-14 15:30
TSP	20	mg/Sm³	12	1	1.49	1.18	1.08	1.10	1.12	1.09	1.07	1.07	1.44	1.13	0.96	1.02	1.02	0.96	1.07	1.05
SOx	30	ppm	12	1	0.05	2.38	9.12	0.04	1.94	0.01	0.44	0.00	3.05	0.00	0.00	0.39	0.52	1.86	0.00	0.03
NOx	70	ppm	12	1	7.18	4.33	5.57	5.88	8.62	8.38	9.39	8.46	12.11	10.25	10.42	8.62	9.41	9.62	9.22	6.82
HCl	15	ppm	12	1	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	38.73	3.02	22.16	0.59	0.69	1.56	0.72	1.08	5.67	0.66	0.41	1.30	0.69	1.01	0.61	0.83
O_2		%	0	0.1	9.63	6.07	5.57	6.98	7.18	7.56	6.49	6.63	8.52	7.46	6.71	6.70	6.57	6.35	7.01	6.71
FL1		Sm³	12	10	9,703	12,954	13,340	12,084	11,959	11,796	12,853	12,602	10,234	11,795	12,359	12,545	12,530	12,584	12,168	12,374
TMP		℃	0	1	188.92	189.52	189.99	189.66	189.03	188.79	188.61	188.75	188.97	188.76	188.15	188.11	188.34	188.39	188.51	188.52
TM1		℃	0	1	996.19	1,030.03	1,054.29	987.56	994.95	981.49	1,019.31	1,021.73	1,058.47	999.69	1,040.96	1,022.49	1,036.31	1,048.19	1,018.05	1,012.14
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

					07-14 16:00	07-14 16:30	07-14 17:00	07-14 17:30	07-14 18:00	07-14 18:30	07-14 19:00	07-14 19:30	07-14 20:00	07-14 20:30	07-14 21:00	07-14 21:30	07-14 22:00	07-14 22:30	07-14 23:00	07-14 23:30
TSP	20	mg/Sm³	12	1	1.34	1.00	1.01	1.05	1.02	1.05	1.11	1.11	1.48	1.03	1.02	1.01	1.02	1.02	1.01	0.98
SOx	30	ppm	12	1	13.63	2.31	2.46	1.48	0.09	0.63	0.90	1.22	9.33	5.99	0.33	1.60	2.75	4.86	3.49	0.61
NOx	70	ppm	12	1	9.85	9.14	8.94	9.41	9.58	5.64	4.45	6.02	12.49	13.63	10.86	12.68	12.96	20.12	22.23	21.85
HCl	15	ppm	12	1	0.10	0.00	0.02	0.04	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.22	1.67	1.42
CO	50	ppm	12	1	24.21	0.50	0.73	8.04	3.29	7.43	3.52	1.36	4.77	0.33	0.47	0.14	1.84	0.03	0.05	0.04
O_2		%	0	0.1	7.83	6.96	6.66	6.98	6.47	5.95	6.13	6.55	7.87	5.60	5.97	5.63	5.27	5.42	5.68	6.31
FL1		Sm³	12	10	10,676	12,117	12,528	12,144	12,638	12,933	12,684	12,336	10,617	13,091	12,816	13,246	13,646	13,519	13,197	12,737
TMP		℃	0	1	188.79	188.91	188.78	188.70	188.78	189.03	189.51	189.49	190.09	190.21	189.59	189.31	189.38	189.57	189.66	189.27
TM1		℃	0	1	1,087.61	1,029.63	1,026.93	1,023.73	1,054.27	1,047.41	1,026.70	1,023.50	1,096.39	1,084.57	1,069.18	1,082.78	1,104.93	1,094.13	1,106.82	1,081.48
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 15일 굴뚝별 트렌드

					07-15 00:00	07-15 00:30	07-15 01:00	07-15 01:30	07-15 02:00	07-15 02:30	07-15 03:00	07-15 03:30	07-15 04:00	07-15 04:30	07-15 05:00	07-15 05:30	07-15 06:00	07-15 06:30	07-15 07:00	07-15 07:30
TSP	20	mg/Sm³	12	1	1.36	1.00	0.97	0.86	0.99	0.85	1.03	1.03	1.39	1.10	0.99	1.10	1.13	1.08	1.17	1.14
SOx	30	ppm	12	1	0.75	0.50	5.08	0.12	0.00	0.68	0.00	0.91	0.00	0.66	2.39	0.03	0.00	0.00	0.00	1.87
NOx	70	ppm	12	1	28.92	20.89	21.36	22.31	11.47	11.83	10.39	13.01	17.98	13.22	21.69	18.81	18.22	15.97	20.97	13.20
HCl	15	ppm	12	1	1.92	1.55	1.00	0.74	0.60	0.01	0.07	0.03	1.57	0.03	0.00	0.03	0.00	0.05	0.00	0.00
CO	50	ppm	12	1	0.34	0.15	16.84	7.24	0.48	24.14	0.53	2.79	0.50	19.99	0.29	0.16	0.24	0.42	0.27	0.43
O_2		%	0	0.1	8.48	6.58	5.66	5.76	7.39	5.35	7.63	6.70	9.10	5.60	5.10	6.93	6.63	7.41	6.50	5.42
FL1		Sm³	12	10	10,652	12,393	13,346	13,286	11,969	13,703	11,718	12,492	10,051	13,507	13,735	12,230	12,514	11,745	12,678	13,443
TMP		℃	0	1	189.13	189.32	189.39	188.82	188.30	188.19	187.89	188.07	188.63	189.35	189.90	189.95	189.48	189.17	189.18	189.80
TM1		℃	0	1	1,094.95	1,071.65	1,110.91	1,109.66	1,018.28	1,085.95	1,010.19	1,043.93	1,065.23	1,087.25	1,133.59	1,050.00	1,044.88	1,012.95	1,051.09	1,083.97
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

					07-15 08:00	07-15 08:30	07-15 09:00	07-15 09:30	07-15 10:00	07-15 10:30	07-15 11:00	07-15 11:30	07-15 12:00	07-15 12:30	07-15 13:00	07-15 13:30	07-15 14:00	07-15 14:30	07-15 15:00	07-15 15:30
TSP	20	mg/Sm³	12	1	1.57	1.11	0.96	0.80	0.80	0.81	0.81	0.88	1.09	0.88	0.80	1.00	0.76	0.98	0.86	0.99
SOx	30	ppm	12	1	3.11	9.26	0.25	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.08	0.00	0.02	0.00
NOx	70	ppm	12	1	23.81	11.13	7.77	8.74	5.63	5.26	4.00	4.11	3.64	2.22	2.46	2.49	1.73	1.34	1.47	2.16
HCl	15	ppm	12	1	0.57	0.25	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.27	36.06	5.67	9.79	2.54	5.67	46.30	2.55	13.54	1.29	14.51	46.46	19.71	1.89	35.84	0.59
O_2		%	0	0.1	8.94	4.83	5.95	5.24	5.16	5.68	5.40	6.82	8.26	7.59	5.93	5.16	5.70	7.00	4.97	6.53
FL1		Sm³	12	10	10,388	14,064	13,231	13,912	14,011	13,468	13,689	12,480	10,662	11,919	13,350	14,020	13,357	12,435	13,898	12,767
TMP		℃	0	1	190.09	190.16	189.71	188.06	187.40	187.03	186.66	186.10	186.16	186.10	185.55	186.32	187.19	186.82	186.89	187.48
TM1		℃	0	1	1,044.59	1,107.66	1,063.75	1,085.15	1,078.91	1,060.08	1,059.66	1,019.17	1,065.03	972.56	1,020.15	1,062.43	1,041.45	988.53	1,066.87	1,008.69
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

					07-15 16:00	07-15 16:30	07-15 17:00	07-15 17:30	07-15 18:00	07-15 18:30	07-15 19:00	07-15 19:30	07-15 20:00	07-15 20:30	07-15 21:00	07-15 21:30	07-15 22:00	07-15 22:30	07-15 23:00	07-15 23:30
TSP	20	mg/Sm³	12	1	1.38	1.01	1.13	1.22	1.34	1.64	2.08	1.69	2.07	1.38	0.84	0.89	0.90	0.97	1.05	1.08
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	2.71	6.20	0.00	0.00	0.00	0.06	2.75	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	1.88	6.01	6.98	14.83	17.00	13.30	14.63	17.82	17.57	13.49	7.51	3.57	2.53	3.00	2.50	2.53
HCl	15	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.73	0.75	0.33	0.22	15.31	37.39	0.56	0.18	0.35	0.32	3.86	1.58	8.24	2.21	2.55	1.51
O_2		%	0	0.1	9.85	5.96	7.48	6.66	5.22	6.69	8.48	6.63	10.10	7.08	5.71	6.01	5.67	5.73	6.10	6.40
FL1		Sm³	12	10	9,713	13,301	11,768	12,732	13,768	12,663	11,019	12,035	9,140	11,532	12,307	13,159	13,412	13,441	13,135	12,764
TMP		℃	0	1	187.55	187.52	188.09	188.82	190.28	191.64	192.47	192.48	192.05	190.65	188.86	187.82	187.51	187.71	188.04	188.52
TM1		℃	0	1	965.91	1,051.37	1,004.69	1,057.69	1,100.59	1,053.37	990.24	1,053.12	1,006.91	1,021.85	1,065.96	1,033.71	1,050.39	1,051.45	1,032.01	1,012.38
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