07월 10일 굴뚝별 트렌드

					07-10 00:00	07-10 00:30	07-10 01:00	07-10 01:30	07-10 02:00	07-10 02:30	07-10 03:00	07-10 03:30	07-10 04:00	07-10 04:30	07-10 05:00	07-10 05:30	07-10 06:00	07-10 06:30	07-10 07:00	07-10 07:30
TSP	20	mg/Sm³	12	1	1.23	1.10	0.97	1.00	1.04	0.97	1.09	0.99	1.32	1.06	1.10	1.08	1.11	1.18	1.04	0.96
SOx	30	ppm	12	1	4.84	0.00	0.86	0.55	0.00	6.72	0.00	0.06	0.76	0.48	0.00	1.54	0.00	0.00	0.92	1.72
NOx	70	ppm	12	1	42.54	26.57	26.74	28.16	25.67	25.46	24.15	24.45	36.34	29.46	26.81	28.08	31.04	25.06	25.42	26.58
HCl	15	ppm	12	1	8.65	4.27	1.43	4.80	4.43	4.24	2.95	3.24	3.49	2.38	0.86	0.11	0.27	0.16	0.10	2.34
CO	50	ppm	12	1	45.14	0.89	2.32	0.49	0.56	45.69	0.86	0.52	0.80	0.41	0.44	18.45	0.34	0.71	8.56	0.46
O_2		%	0	0.1	7.91	8.69	6.31	7.22	7.61	5.14	7.84	8.08	9.44	6.84	7.50	6.62	6.84	8.25	5.80	6.64
FL1		Sm³	12	10	11,290	11,029	12,961	12,172	11,829	13,917	11,564	11,296	10,683	12,448	11,883	12,502	12,298	11,153	13,403	12,714
TMP		℃	0	1	186.26	186.20	186.04	186.24	186.34	186.70	186.70	186.11	186.08	186.82	187.21	187.15	187.58	187.46	187.50	187.68
TM1		℃	0	1	1,074.31	979.83	1,044.83	1,037.49	1,010.07	1,087.59	1,005.27	1,020.10	1,033.91	1,054.10	1,031.60	1,039.91	1,056.70	989.81	1,078.69	1,078.57
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

					07-10 08:00	07-10 08:30	07-10 09:00	07-10 09:30	07-10 10:00	07-10 10:30	07-10 11:00	07-10 11:30	07-10 12:00	07-10 12:30	07-10 13:00	07-10 13:30	07-10 14:00	07-10 14:30	07-10 15:00	07-10 15:30
TSP	20	mg/Sm³	12	1	1.29	0.98	1.09	0.99	1.08	1.02	0.98	0.92	1.18	0.74	0.71	0.68	0.74	0.72	0.68	0.75
SOx	30	ppm	12	1	0.00	0.59	0.00	0.78	0.00	0.08	0.24	0.01	0.00	0.09	0.00	0.00	0.00	0.00	0.03	0.02
NOx	70	ppm	12	1	34.08	24.41	25.08	22.98	24.97	27.37	24.41	24.06	24.83	19.48	22.51	23.13	20.48	20.55	20.21	15.34
HCl	15	ppm	12	1	1.24	0.47	0.02	0.32	0.06	0.25	0.84	0.23	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.54	9.95	0.45	5.22	0.46	0.22	0.32	0.23	0.68	29.15	0.57	0.32	1.08	0.37	16.99	26.34
O_2		%	0	0.1	9.87	6.18	7.00	6.13	6.78	5.33	5.95	6.84	10.01	5.63	5.66	6.09	6.47	5.77	5.56	5.42
FL1		Sm³	12	10	10,020	13,269	12,412	13,067	12,513	13,769	13,231	12,387	10,107	13,883	13,665	13,320	13,200	13,706	13,792	13,809
TMP		℃	0	1	187.21	187.15	187.49	187.77	187.83	188.08	188.47	187.93	187.39	186.33	185.99	185.49	184.90	184.79	185.10	185.41
TM1		℃	0	1	1,008.03	1,063.51	1,009.37	1,061.45	1,027.00	1,090.26	1,077.59	1,058.29	991.83	1,033.31	1,063.66	1,052.16	1,030.35	1,053.28	1,074.67	1,065.42
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

					07-10 16:00	07-10 16:30	07-10 17:00	07-10 17:30	07-10 18:00	07-10 18:30	07-10 19:00	07-10 19:30	07-10 20:00	07-10 20:30	07-10 21:00	07-10 21:30	07-10 22:00	07-10 22:30	07-10 23:00	07-10 23:30
TSP	20	mg/Sm³	12	1	0.91	0.70	0.79	0.68	0.89	0.92	0.98	1.00	1.27	0.86	0.90	0.95	0.92	0.90	0.94	0.98
SOx	30	ppm	12	1	0.00	0.01	0.00	0.00	0.00	0.00	0.08	0.33	0.07	0.31	1.16	0.00	0.22	0.03	6.55	0.05
NOx	70	ppm	12	1	25.05	21.11	26.29	21.20	23.14	27.44	20.55	20.92	24.52	21.04	26.28	18.72	26.04	26.20	30.22	26.12
HCl	15	ppm	12	1	0.15	0.00	0.00	0.00	0.00	1.05	2.43	0.34	2.32	0.46	1.53	0.37	0.30	1.25	9.03	6.53
CO	50	ppm	12	1	50.97	7.32	0.30	0.25	0.37	0.33	0.47	0.54	0.66	0.51	0.48	0.65	0.32	0.35	0.39	0.58
O_2		%	0	0.1	8.81	5.05	6.11	5.42	6.88	6.02	7.17	6.54	10.34	7.25	7.40	7.85	6.16	6.49	6.82	7.61
FL1		Sm³	12	10	10,928	14,266	13,390	13,936	12,484	13,176	12,279	12,780	9,557	12,140	11,923	11,493	13,001	12,720	12,301	11,601
TMP		℃	0	1	185.37	185.12	185.11	184.89	185.03	185.87	186.60	186.66	186.94	186.38	186.09	185.75	185.99	186.18	186.37	186.02
TM1		℃	0	1	1,064.17	1,104.45	1,066.17	1,075.54	1,034.01	1,056.57	1,020.23	1,015.20	1,006.27	1,028.51	1,037.29	979.78	1,064.18	1,052.60	1,056.52	1,009.64
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 11일 굴뚝별 트렌드

					07-11 00:00	07-11 00:30	07-11 01:00	07-11 01:30	07-11 02:00	07-11 02:30	07-11 03:00	07-11 03:30	07-11 04:00	07-11 04:30	07-11 05:00	07-11 05:30	07-11 06:00	07-11 06:30	07-11 07:00	07-11 07:30
TSP	20	mg/S㎥	12	1	1.17	0.84	0.87	0.87	0.89	0.88	0.90	0.92	1.15	0.95	1.01	0.99	0.93	1.04	0.98	0.90
SOx	30	ppm	12	1	0.00	4.53	0.57	0.64	0.38	0.03	2.33	0.02	0.67	0.45	0.17	3.83	1.76	0.00	2.02	10.36
NOx	70	ppm	12	1	36.92	37.28	33.80	30.33	31.36	30.07	28.53	33.50	35.75	25.15	24.32	16.97	19.10	14.15	20.49	20.70
HCl	15	ppm	12	1	5.10	4.51	6.42	5.25	3.61	3.38	4.06	2.53	6.09	3.28	2.40	1.36	5.25	1.25	2.32	12.26
CO	50	ppm	12	1	0.40	6.89	0.31	0.31	2.05	0.21	12.71	0.24	0.42	10.60	1.05	38.03	2.08	0.49	0.42	0.35
O_2		%	0	0.1	9.62	5.50	7.16	6.99	6.21	6.27	5.94	5.87	9.37	7.04	6.55	5.65	6.30	7.08	5.66	5.45
FL1		Sm^3	12	10	9,756	13,594	12,165	12,399	13,018	12,896	13,229	13,266	10,198	12,354	12,776	14,088	13,146	12,434	13,737	13,665
TMP		℃	0	1	185.83	186.01	185.84	185.80	185.84	186.17	186.54	187.00	186.94	186.81	187.10	187.43	187.73	187.75	188.09	188.46
TM1		℃	0	1	1,050.95	1,106.86	1,071.40	1,073.45	1,078.08	1,084.42	1,087.25	1,084.11	1,062.78	1,042.07	1,038.93	1,028.06	1,062.54	989.21	1,034.65	1,070.65
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

					07-11 08:00	07-11 08:30	07-11 09:00	07-11 09:30	07-11 10:00	07-11 10:30	07-11 11:00	07-11 11:30	07-11 12:00	07-11 12:30	07-11 13:00	07-11 13:30	07-11 14:00	07-11 14:30	07-11 15:00	07-11 15:30
TSP	20	mg/S㎥	12	1	1.19	0.96	0.83	0.84	0.92	0.89	0.86	0.85	0.91	0.89	0.85	0.81	0.93	0.86	0.79	0.64
SOx	30	ppm	12	1	11.05	0.47	1.85	0.43	0.27	32.43	0.07	0.24	0.09	0.00	0.00	2.52	10.07	21.18	2.17	0.00
NOx	70	ppm	12	1	31.57	24.65	22.58	0.00	0.00	71.30	0.01	0.00	0.01	0.07	0.16	1.84	31.45	38.13	36.25	12.87
HCl	15	ppm	12	1	15.35	2.52	5.69	0.00	0.37	12.12	0.00	0.00	0.00	0.00	0.00	3.91	29.92	39.24	18.41	5.48
CO	50	ppm	12	1	0.22	9.24	0.26	0.02	0.01	93.27	0.00	0.00	0.01	0.05	0.12	0.09	7.94	2.77	1.80	7.63
O_2		%	0	0.1	8.87	6.11	11.09	21.13	14.00	4.55	21.16	21.13	21.12	20.80	20.46	19.31	5.42	5.06	4.89	4.84
FL1		Sm^3	12	10	10,018	12,934	14,734	15,915	15,460	15,533	15,877	16,080	15,991	15,993	16,243	16,538	16,552	16,016	16,029	14,829
TMP		℃	0	1	187.80	187.25	187.17	187.07	187.93	188.41	188.74	189.18	189.40	189.86	190.28	190.42	190.57	190.36	190.05	188.14
TM1		℃	0	1	1,095.02	1,082.47	1,036.79	1,023.65	1,014.72	1,048.76	1,066.76	1,050.84	1,023.77	1,059.46	1,065.95	1,099.54	1,068.85	1,081.75	1,108.86	1,093.69
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	36.56

					07-11 16:00	07-11 16:30	07-11 17:00	07-11 17:30	07-11 18:00	07-11 18:30	07-11 19:00	07-11 19:30	07-11 20:00	07-11 20:30	07-11 21:00	07-11 21:30	07-11 22:00	07-11 22:30	07-11 23:00	07-11 23:30
TSP	20	mg/S㎥	12	1	0.90	0.72	0.80	1.02	0.86	0.85	0.73	0.77	1.09	0.84	1.12	1.09	1.06	1.08	1.12	1.09
SOx	30	ppm	12	1	0.00	0.08	0.24	1.36	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.31	0.00	0.00	1.63
NOx	70	ppm	12	1	19.82	11.77	9.84	17.97	12.70	13.90	9.17	8.38	8.56	5.26	5.57	6.44	9.44	7.62	9.50	11.60
HCl	15	ppm	12	1	4.56	3.68	6.86	4.91	5.35	2.84	2.05	1.52	3.12	0.32	0.20	0.00	0.00	0.00	0.00	0.11
CO	50	ppm	12	1	63.52	20.64	10.97	5.35	1.67	0.51	1.15	5.62	5.18	42.53	2.70	1.21	1.18	3.16	0.59	0.47
O_2		%	0	0.1	8.03	5.64	6.48	5.01	6.28	6.15	5.86	5.75	8.95	5.63	6.45	7.57	6.29	6.32	7.08	5.86
FL1		Sm^3	12	10	10,739	13,445	13,145	14,320	12,880	12,994	13,392	13,447	10,505	13,428	12,886	11,680	12,799	12,600	11,926	13,056
TMP		℃	0	1	186.85	186.65	186.46	187.49	187.84	187.62	186.77	186.24	186.10	186.37	186.88	187.56	187.86	188.37	188.45	188.67
TM1		℃	0	1	1,091.64	1,044.42	1,019.75	1,065.54	1,026.07	1,013.83	1,008.13	1,023.63	966.26	1,004.65	1,005.66	975.73	1,016.55	1,025.57	1,001.91	1,040.70
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 12일 굴뚝별 트렌드

					07-12 00:00	07-12 00:30	07-12 01:00	07-12 01:30	07-12 02:00	07-12 02:30	07-12 03:00	07-12 03:30	07-12 04:00	07-12 04:30	07-12 05:00	07-12 05:30	07-12 06:00	07-12 06:30	07-12 07:00	07-12 07:30
TSP	20	mg/S㎥	12	1	1.54	1.11	1.14	1.11	1.11	1.18	1.13	1.20	1.13	0.75	0.77	0.80	0.85	0.84	0.84	0.84
SOx	30	ppm	12	1	0.00	0.25	0.45	0.12	0.19	0.00	3.70	0.00	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	10.90	11.28	12.54	12.70	12.82	10.22	7.53	7.60	7.85	4.49	4.14	3.90	5.28	4.57	4.48	3.76
HCl	15	ppm	12	1	1.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.88	0.34	1.36	0.39	0.66	0.38	30.40	0.48	41.20	5.36	14.19	46.70	4.61	2.55	1.32	1.60
O_2		%	0	0.1	8.83	5.86	6.00	6.49	5.78	6.81	5.28	6.61	7.75	6.45	5.26	5.39	5.88	6.03	6.64	6.83
FL1		Sm³	12	10	10,371	12,991	12,996	12,509	13,151	12,265	13,609	12,447	10,784	12,883	13,972	13,868	13,384	13,278	12,749	13,029
TMP		℃	0	1	189.22	189.19	189.44	189.07	189.20	189.56	189.95	190.18	189.49	187.91	187.06	187.02	186.86	186.83	186.80	186.53
TM1		℃	0	1	1,014.31	1,047.85	1,047.23	1,020.19	1,047.85	1,012.25	1,056.30	1,019.49	1,064.97	1,025.03	1,048.61	1,046.13	1,036.60	1,040.49	1,010.57	992.31
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

					07-12 08:00	07-12 08:30	07-12 09:00	07-12 09:30	07-12 10:00	07-12 10:30	07-12 11:00	07-12 11:30	07-12 12:00	07-12 12:30	07-12 13:00	07-12 13:30	07-12 14:00	07-12 14:30	07-12 15:00	07-12 15:30
TSP	20	mg/S㎥	12	1	1.48	1.31	1.21	0.83	0.93	0.87	0.88	0.86	1.03	0.85	0.85	0.83	0.79	0.82	0.82	1.31
SOx	30	ppm	12	1	0.00	7.91	6.23	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
NOx	70	ppm	12	1	6.15	7.27	8.71	2.76	4.05	3.82	4.18	4.71	4.91	1.64	3.19	3.54	4.27	2.62	3.15	5.93
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	2.72	28.16	0.58	1.44	0.95	1.03	1.05	1.03	1.08	0.67	1.03	1.41	0.81	0.65	0.80	1.11
O_2		%	0	0.1	8.96	5.39	6.33	7.94	9.33	8.49	8.25	8.58	9.58	8.26	8.53	8.40	7.57	7.19	7.12	8.11
FL1		Sm³	12	10	10,812	13,993	13,143	11,828	10,734	11,649	11,832	11,431	10,634	11,635	11,131	11,441	12,034	12,139	12,274	11,487
TMP		℃	0	1	187.02	189.30	190.76	189.14	190.53	191.20	191.09	190.15	189.12	188.83	188.66	187.98	187.86	188.39	188.07	189.52
TM1		℃	0	1	1,003.45	1,047.43	1,037.37	963.04	866.70	886.73	892.02	890.73	953.31	909.53	911.39	913.89	955.61	974.01	970.68	935.39
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

					07-12 16:00	07-12 16:30	07-12 17:00	07-12 17:30	07-12 18:00	07-12 18:30	07-12 19:00	07-12 19:30	07-12 20:00	07-12 20:30	07-12 21:00	07-12 21:30	07-12 22:00	07-12 22:30	07-12 23:00	07-12 23:30
TSP	20	mg/S㎥	12	1	1.74	1.27	0.99	1.08	0.91	0.77	0.87	0.86	1.22	0.90	0.90	0.86	0.99	1.02	1.10	1.21
SOx	30	ppm	12	1	2.99	10.83	10.81	0.00	0.00	0.02	0.00	0.00	0.00	0.03	0.00	0.00	0.11	0.00	0.03	0.00
NOx	70	ppm	12	1	7.45	6.25	6.29	10.53	10.75	9.84	7.31	4.76	6.81	3.65	3.65	3.38	3.44	5.99	7.05	8.37
HCl	15	ppm	12	1	0.00	0.00	1.41	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	1.10	1.47	1.01	0.50	8.30	15.92	2.08	3.14	52.41	33.59	5.27	5.24	19.26	0.69	1.03	0.94
O_2		%	0	0.1	8.64	5.49	5.79	6.59	5.60	5.68	6.33	5.95	8.14	6.06	5.40	5.97	6.47	6.88	7.08	7.64
FL1		Sm³	12	10	10,579	13,455	12,736	12,342	13,105	12,918	12,590	12,959	10,634	12,936	13,587	13,040	12,749	12,214	12,117	11,653
TMP		℃	0	1	190.15	191.36	191.24	189.63	189.60	188.58	187.93	187.71	188.30	188.68	188.42	188.29	188.10	188.13	188.48	188.67
TM1		℃	0	1	1,012.45	1,052.65	1,053.27	1,036.93	1,078.10	1,075.79	1,040.50	1,047.36	1,062.85	1,030.57	1,049.49	1,044.33	1,027.37	1,034.61	1,020.48	990.88
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