

항공기상관측 - METAR and SPECI

식별권		지상풍	시정	활주로가시거리	현재 일기	구름	기압	보충정보				경향예보(관측시간으로부터 2시간 후)							
Metar or Speci	COR CCCC YYGGggZ NIL AUTO	dddffGf.m KT or MFS	VVVV	RD ₀ D ₂ /V ₀ V ₂ V ₄ V ₆	w' w'	N ₁ N ₂ N ₃ h ₁ h ₂ h ₃ (cc)	QPP ₁ PP ₂ PP ₃ PP ₄	최근일기	원드시어	해면온도(해수면온도 또는 유의파고)	활주로 상태	변화지시자	변화시간	예상바람	예상시정	예상일기	예상구름	RMK	
								REW w'	WS RD ₀ D ₂	(WTsTs/SS') (WTsTs/HH ₁ H ₂ H ₃)	(D ₀ D ₂ /E ₀ C ₀ E ₂ E ₄ E ₆ B ₀ B ₂)	TTTTT or NOSIG	TTGGgg	dddffGf.m KT	VVVV	w' w'	NsNshNshshs(cc)		
MATAR: 관측권역 SPECI: 비관측권역		00000=calm P99KT(P49MPS) =100KT 이상	최단시정이 1500m미만이거나, 우세시정의 50%미만인 경우	RVR에 중요한 변화가 있는 경우(아래 표 참조)	하늘이 차폐되어 구름을 관측할 수 없는 경우	30m단위 수직시정 ////: 수직관측해상도(백스)	관측권역의 RVR(관측해상도) RVR(m) RVR 지시자	관측권역의 RVR(관측해상도) RVR 지시자	관측권역의 RVR(관측해상도) RVR 지시자	관측권역의 RVR(관측해상도) RVR 지시자	관측권역의 RVR(관측해상도) RVR 지시자	관측권역의 RVR(관측해상도) RVR 지시자	관측권역의 RVR(관측해상도) RVR 지시자	관측권역의 RVR(관측해상도) RVR 지시자	관측권역의 RVR(관측해상도) RVR 지시자	관측권역의 RVR(관측해상도) RVR 지시자	관측권역의 RVR(관측해상도) RVR 지시자	관측권역의 RVR(관측해상도) RVR 지시자	관측권역의 RVR(관측해상도) RVR 지시자
MATAR: 관측권역 SPECI: 비관측권역		00000=calm P99KT(P49MPS) =100KT 이상	최단시정이 1500m미만이거나, 우세시정의 50%미만인 경우	RVR에 중요한 변화가 있는 경우(아래 표 참조)	하늘이 차폐되어 구름을 관측할 수 없는 경우	30m단위 수직시정 ////: 수직관측해상도(백스)	관측권역의 RVR(관측해상도) RVR(m) RVR 지시자	관측권역의 RVR(관측해상도) RVR 지시자	관측권역의 RVR(관측해상도) RVR 지시자	관측권역의 RVR(관측해상도) RVR 지시자	관측권역의 RVR(관측해상도) RVR 지시자	관측권역의 RVR(관측해상도) RVR 지시자	관측권역의 RVR(관측해상도) RVR 지시자	관측권역의 RVR(관측해상도) RVR 지시자	관측권역의 RVR(관측해상도) RVR 지시자	관측권역의 RVR(관측해상도) RVR 지시자	관측권역의 RVR(관측해상도) RVR 지시자	관측권역의 RVR(관측해상도) RVR 지시자	관측권역의 RVR(관측해상도) RVR 지시자

w' w' - 중요한 현재 일기

수식어		일기현상			
강도	상태	강수	장애	기타	
1	3	3	4	5	
- 약함 보통 (수식어 없음)	MI BC PR PR (공향의 일부) DR BL SH TS FZ	알은 몰려진 부분적인 (공향의 일부) 떨고 있을 때 낮게 날린 높게 날린 소낙성 뇌전의 어느(과량)	DZ RA SN SG PL GR GS HU	BR FG FU VA DU SA HZ	PO 먼지/모래 소용돌이(외오리 바람) SQ 스콜 FC 깔대기구름 (토네이도 또는 용오름) SS 모래폭풍 DS 먼지폭풍
VC	부근				

S' 코드번호	바다 상태 설명
0	calm(glassy)
1	calm,rippled
2	Smooth(wavelets)
3	Slight
4	Moderate
5	Rough
6	Very rough
7	High
8	Very High
9	Phenomenal

CAVOK Ceiling And Visibility OK (기정 10km이하, 양방향 500m 이하, 관측권역이 500m 이하)

항공기상예보 - TAF

식별군				지상풍 예보	시정 예보	중요 일기 예보	운량 및 운고기 예보	CAVOK	예보의 중요한 변화 표시				지역협정에 따른					
TAF or TAF AMD or TARF COR	CCCC	YYGGgGz	NIL	Y ₁ Y ₂ G ₁ G ₂ /Y ₂ Y ₂ G ₂ G ₂	CNL	dddffGf _{in} KT or MPS	VVVV		w' w'	N ₁ N ₂ N ₃ h ₁ h ₂ h ₃ (cc)	확률	날짜 및 시각	변화군	날짜 및 시각	가운 예보	지역협정에 따른		
TAF: F850종과 TAF AMDI: 4500 F850종과 TAF COR: 5000 F850종과	ICAO 4바이트 야간 조항	YYGGgGz TAF 조항 TAF AMDI: 4500 F850종과 TAF COR: 5000 F850종과	NIL	Y ₁ Y ₂ G ₁ G ₂ /Y ₂ Y ₂ G ₂ G ₂	CNL	dddffGf _{in} KT or MPS	VVVV	w' w'	N ₁ N ₂ N ₃ h ₁ h ₂ h ₃ (cc)	PROB C ₂ C ₂	YYGG/ Y ₂ Y ₂ G ₂ G ₂	TTTTT	YYGG/ Y ₂ Y ₂ G ₂ G ₂	(TXXYYT _T T _T /Y ₂ Y ₂ G ₂ G ₂ Z TNYYT _T T _T /Y ₂ Y ₂ G ₂ G ₂ Z)	Z: 시간(UTC) 조항	Y ₂ Y ₂ G ₂ G ₂ 의 풍향, 시간, 풍속, 풍향의 방향(UTC)	Y ₁ T ₁ T ₁ 의 G ₁ G ₁ G ₁ 의 풍향, 시간, 풍속, 풍향의 방향(UTC)	시간의 00, 15, 30, 45, 60, 75, 90, 105, 120, 135, 150, 165, 180, 195, 210, 225, 240, 255, 270, 285, 300, 315, 330, 345, 360, 375, 390, 405, 420, 435, 450, 465, 480, 495, 510, 525, 540, 555, 570, 585, 600, 615, 630, 645, 660, 675, 690, 705, 720, 735, 750, 765, 780, 795, 810, 825, 840, 855, 870, 885, 900, 915, 930, 945, 960, 975, 990, 1005, 1020, 1035, 1050, 1065, 1080, 1095, 1110, 1125, 1140, 1155, 1170, 1185, 1200, 1215, 1230, 1245, 1260, 1275, 1290, 1305, 1320, 1335, 1350, 1365, 1380, 1395, 1410, 1425, 1440, 1455, 1470, 1485, 1500, 1515, 1530, 1545, 1560, 1575, 1590, 1605, 1620, 1635, 1650, 1665, 1680, 1695, 1710, 1725, 1740, 1755, 1770, 1785, 1800, 1815, 1830, 1845, 1860, 1875, 1890, 1905, 1920, 1935, 1950, 1965, 1980, 1995, 2010, 2025, 2040, 2055, 2070, 2085, 2100, 2115, 2130, 2145, 2160, 2175, 2190, 2205, 2220, 2235, 2250, 2265, 2280, 2295, 2310, 2325, 2340, 2355, 2370, 2385, 2400, 2415, 2430, 2445, 2460, 2475, 2490, 2505, 2520, 2535, 2550, 2565, 2580, 2595, 2610, 2625, 2640, 2655, 2670, 2685, 2700, 2715, 2730, 2745, 2760, 2775, 2790, 2805, 2820, 2835, 2850, 2865, 2880, 2895, 2910, 2925, 2940, 2955, 2970, 2985, 3000, 3015, 3030, 3045, 3060, 3075, 3090, 3105, 3120, 3135, 3150, 3165, 3180, 3195, 3210, 3225, 3240, 3255, 3270, 3285, 3300, 3315, 3330, 3345, 3360, 3375, 3390, 3405, 3420, 3435, 3450, 3465, 3480, 3495, 3510, 3525, 3540, 3555, 3570, 3585, 3600, 3615, 3630, 3645, 3660, 3675, 3690, 3705, 3720, 3735, 3750, 3765, 3780, 3795, 3810, 3825, 3840, 3855, 3870, 3885, 3900, 3915, 3930, 3945, 3960, 3975, 3990, 4005, 4020, 4035, 4050, 4065, 4080, 4095, 4110, 4125, 4140, 4155, 4170, 4185, 4200, 4215, 4230, 4245, 4260, 4275, 4290, 4305, 4320, 4335, 4350, 4365, 4380, 4395, 4410, 4425, 4440, 4455, 4470, 4485, 4500, 4515, 4530, 4545, 4560, 4575, 4590, 4605, 4620, 4635, 4650, 4665, 4680, 4695, 4710, 4725, 4740, 4755, 4770, 4785, 4800, 4815, 4830, 4845, 4860, 4875, 4890, 4905, 4920, 4935, 4950, 4965, 4980, 4995, 5010, 5025, 5040, 5055, 5070, 5085, 5100, 5115, 5130, 5145, 5160, 5175, 5190, 5205, 5220, 5235, 5250, 5265, 5280, 5295, 5310, 5325, 5340, 5355, 5370, 5385, 5400, 5415, 5430, 5445, 5460, 5475, 5490, 5505, 5520, 5535, 5550, 5565, 5580, 5595, 5610, 5625, 5640, 5655, 5670, 5685, 5700, 5715, 5730, 5745, 5760, 5775, 5790, 5805, 5820, 5835, 5850, 5865, 5880, 5895, 5910, 5925, 5940, 5955, 5970, 5985, 6000, 6015, 6030, 6045, 6060, 6075, 6090, 6105, 6120, 6135, 6150, 6165, 6180, 6195, 6210, 6225, 6240, 6255, 6270, 6285, 6300, 6315, 6330, 6345, 6360, 6375, 6390, 6405, 6420, 6435, 6450, 6465, 6480, 6495, 6510, 6525, 6540, 6555, 6570, 6585, 6600, 6615, 6630, 6645, 6660, 6675, 6690, 6705, 6720, 6735, 6750, 6765, 6780, 6795, 6810, 6825, 6840, 6855, 6870, 6885, 6900, 6915, 6930, 6945, 6960, 6975, 6990, 7005, 7020, 7035, 7050, 7065, 7080, 7095, 7110, 7125, 7140, 7155, 7170, 7185, 7200, 7215, 7230, 7245, 7260, 7275, 7290, 7305, 7320, 7335, 7350, 7365, 7380, 7395, 7410, 7425, 7440, 7455, 7470, 7485, 7500, 7515, 7530, 7545, 7560, 7575, 7590, 7605, 7620, 7635, 7650, 7665, 7680, 7695, 7710, 7725, 7740, 7755, 7770, 7785, 7800, 7815, 7830, 7845, 7860, 7875, 7890, 7905, 7920, 7935, 7950, 7965, 7980, 7995, 8010, 8025, 8040, 8055, 8070, 8085, 8100, 8115, 8130, 8145, 8160, 8175, 8190, 8205, 8220, 8235, 8250, 8265, 8280, 8295, 8310, 8325, 8340, 8355, 8370, 8385, 8400, 8415, 8430, 8445, 8460, 8475, 8490, 8505, 8520, 8535, 8550, 8565, 8580, 8595, 8610, 8625, 8640, 8655, 8670, 8685, 8700, 8715, 8730, 8745, 8760, 8775, 8790, 8805, 8820, 8835, 8850, 8865, 8880, 8895, 8910, 8925, 8940, 8955, 8970, 8985, 9000, 9015, 9030, 9045, 9060, 9075, 9090, 9105, 9120, 9135, 9150, 9165, 9180, 9195, 9210, 9225, 9240, 9255, 9270, 9285, 9300, 9315, 9330, 9345, 9360, 9375, 9390, 9405, 9420, 9435, 9450, 9465, 9480, 9495, 9510, 9525, 9540, 9555, 9570, 9585, 9600, 9615, 9630, 9645, 9660, 9675, 9690, 9705, 9720, 9735, 9750, 9765, 9780, 9795, 9810, 9825, 9840, 9855, 9870, 9885, 9900, 9915, 9930, 9945, 9960, 9975, 9990, 10005, 10020, 10035, 10050, 10065, 10080, 10095, 10110, 10125, 10140, 10155, 10170, 10185, 10200, 10215, 10230, 10245, 10260, 10275, 10290, 10305, 10320, 10335, 10350, 10365, 10380, 10395, 10410, 10425, 10440, 10455, 10470, 10485, 10500, 10515, 10530, 10545, 10560, 10575, 10590, 10605, 10620, 10635, 10650, 10665, 10680, 10695, 10710, 10725, 10740, 10755, 10770, 10785, 10800, 10815, 10830, 10845, 10860, 10875, 10890, 10905, 10920, 10935, 10950, 10965, 10980, 10995, 11010, 11025, 11040, 11055, 11070, 11085, 11100, 11115, 11130, 11145, 11160, 11175, 11190, 11205, 11220, 11235, 11250, 11265, 11280, 11295, 11310, 11325, 11340, 11355, 11370, 11385, 11400, 11415, 11430, 11445, 11460, 11475, 11490, 11505, 11520, 11535, 11550, 11565, 11580, 11595, 11610, 11625, 11640, 11655, 11670, 11685, 11700, 11715, 11730, 11745, 11760, 11775, 11790, 11805, 11820, 11835, 11850, 11865, 11880, 11895, 11910, 11925, 11940, 11955, 11970, 11985, 12000, 12015, 12030, 12045, 12060, 12075, 12090, 12105, 12120, 12135, 12150, 12165, 12180, 12195, 12210, 12225, 12240, 12255, 12270, 12285, 12300, 12315, 12330, 12345, 12360, 12375, 12390, 12405, 12420, 12435, 12450, 12465, 12480, 12495, 12510, 12525, 12540, 12555, 12570, 12585, 12600, 12615, 12630, 12645, 12660, 12675, 12690, 12705, 12720, 12735, 12750, 12765, 12780, 12795, 12810, 12825, 12840, 12855, 12870, 12885, 12900, 12915, 12930, 12945, 12960, 12975, 12990, 13005, 13020, 13035, 13050, 13065, 13080, 13095, 13110, 13125, 13140, 13155, 13170, 13185, 13200, 13215, 13230, 13245, 13260, 13275, 13290, 13305, 13320, 13335, 13350, 13365, 13380, 13395, 13410, 13425, 13440, 13455, 13470, 13485, 13500, 13515, 13530, 13545, 13560, 13575, 13590, 13605, 13620, 13635, 13650, 13665, 13680, 13695, 13710, 13725, 13740, 13755, 13770, 13785, 13800, 13815, 13830, 13845, 13860, 13875, 13890, 13905, 13920, 13935, 13950, 13965, 13980, 13995, 14010, 14025, 14040, 14055, 14070, 14085, 14100, 14115, 14130, 14145, 14160, 14175, 14190, 14205, 14220, 14235, 14250, 14265, 14280, 14295, 14310, 14325, 14340, 14355, 14370, 14385, 14400, 14415, 14430, 14445, 14460, 14475, 14490, 14505, 14520, 14535, 14550, 14565, 14580, 14595, 14610, 14625, 14640, 14655, 14670, 14685, 14700, 14715, 14730, 14745, 14760, 14775, 14790, 14805, 14820, 14835, 14850, 14865, 14880, 14895, 14910, 14925, 14940, 14955, 14970, 14985, 15000, 15015, 15030, 15045, 15060, 15075, 15090, 15105, 15120, 15135, 15150, 15165, 15180, 15195, 15210, 15225, 15240, 15255, 15270, 15285, 15300, 15315, 15330, 15345, 15360, 15375, 15390, 15405, 15420, 15435, 15450, 15465, 15480, 15495, 15510, 15525, 15540, 15555, 15570, 15585, 15600, 15615, 15630, 15645, 15660, 15675, 15690, 15705, 15720, 15735, 15750, 15765, 15780, 15795, 15810, 15825, 15840, 15855, 15870, 15885, 15900, 15915, 15930, 15945, 15960, 15975, 15990, 16005, 16020, 16035, 16050, 16065, 16080, 16095, 16110, 16125, 16140, 16155, 16170, 16185, 16200, 16215, 16230, 16245, 16260, 16275, 16290, 16305, 16320, 16335, 16350, 16365, 16380, 16395, 16410, 16425, 16440, 16455, 16470, 16485, 16500, 16515, 16530, 16545, 16560, 16575, 16590, 16605, 16620, 16635, 16650, 16665, 16680, 16695, 16710, 16725, 16740, 16755, 16770, 16785, 16800, 16815, 16830, 16845, 16860, 16875, 16890, 16905, 16920, 16935, 16950, 16965, 16980, 16995, 17010, 17025, 17040, 17055, 17070, 17085, 17100, 17115, 17130, 17145, 17160, 17175, 17190, 17205, 17220, 17235, 17250, 17265, 17280, 17295, 17310, 17325, 17340, 17355, 17370, 17385, 17400, 17415, 17430, 17445, 17460, 17475, 17490, 17505, 17520, 17535, 17550, 17565, 17580, 17595, 17610, 17625, 17640, 17655, 17670, 17685, 17700, 17715, 17730, 17745, 17760, 17775, 17790, 17805, 17820, 17835, 17850, 17865, 17880, 17895, 17910, 17925, 17940, 17955, 17970, 17985, 18000, 18015, 18030, 18045, 18060, 18075, 18090, 18105, 18120, 18135, 18150, 18165, 18180, 18195, 18210, 18225, 18240, 18255, 18270, 18285, 18300, 18315, 18330, 18345, 18360, 18375, 18390, 18405, 18420, 18435, 18450, 18465, 18480, 18495, 18510, 18525, 18540, 18555, 18570, 18585, 18600, 18615, 18630, 18645, 18660, 18675, 18690, 18705, 18720, 18735, 18750, 18765, 18780, 18795, 18810, 18825, 18840, 18855, 18870, 18885, 18900, 18915, 18930, 18945, 18960, 18975, 18990, 19005, 19020, 19035, 19050, 19065, 19080, 19095, 19110, 19125, 19140, 19155, 19170, 19185, 19200, 19215, 19230, 19245, 19260, 19275, 19290, 19305, 19320, 19335, 19350, 19365, 19380, 19395, 19410, 19425, 19440, 19455, 19470, 19485, 19500, 19515, 19530, 19545, 19560, 19575, 19590, 19605, 19620, 19635, 19650, 19665, 19680, 19695, 19710, 19725, 19740, 19755, 19770, 19785, 19800, 19815, 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