

Horizontal version of the RCAM

Runway condition assessment matrix (RCAM)																				
Runway surface condition	DRY	WET (any visible dampness)	WET ("slippery wet")	CONTAMINATED																
Runway surface condition descriptors				STANDING WATER	WATER ³	FROST	SLUSH		DRY SNOW				WET SNOW			COMPACTED SNOW		ICE ²	WET ICE ²	
Depth		Up to and including 3 mm		More than 3 mm			Up to and including 3 mm	More than 3 mm	Up to and including 3 mm	More than 3 mm			Up to and including 3 mm	More than 3 mm						
Runway surface condition descriptors continued					ON TOP OF COM-PACTED SNOW ²					ON TOP OF COM-PACTED SNOW	ON TOP OF ICE ²			ON TOP OF COM-PACTED SNOW	ON TOP OF ICE ²	-15°C and lower outside air temperature ¹	Higher than -15°C outside air temperature ¹	In cold and dry conditions		
RWYCC	6	5	3	2	0	5	5	2	5	3	0	5	3	0	4	3	1	0		
Downgrade assessment criteria																				
Aeroplane deceleration or directional control observation	Braking deceleration is normal for the wheel braking effort applied AND directional control is normal			Braking deceleration OR directional control is between good and medium			Braking deceleration is noticeably reduced for the wheel braking effort applied OR directional control is noticeably reduced				Braking deceleration OR directional control is between medium and poor				Braking deceleration is significantly reduced for the wheel braking effort applied OR directional control is significantly reduced			Braking deceleration is minimal to non-existent for the wheel raking effort applied OR directional control is uncertain		
AIREP	GOOD			GOOD TO MEDIUM			MEDIUM				MEDIUM TO POOR				POOR			LESS THAN POOR		
RWYCC	5			4			3				2				1			0		

1 Runway surface temperature should preferably be used where available.
 2 The aerodrome operator may assign a higher RWYCC (but no higher than RWYCC 3) for each third of the runway, provided the procedure in PANS-Aerodromes (Doc 9981), 1.1.3.15, is followed.
 3 The runway surface condition descriptor is "WATER OF TOP OF COMPACTED SNOW". "WATER" is not reportable on its own.