	character values	Whole Report	Time	Lat	Lon	Pressure/ Altitude	Temperature	Wind Direction	Wind Speed	Moisture	Blacklist	Flight Phase
		1	2	3	4	5	6	7	8	9	10	11
1	a											Y / IO
2	A	Y / RR							Y / RW			Y / IO
3	B	Y / RR	Y / RR	Y / RR	Y / RR	Y / RR	Y / RR	Y / RW	Y / RW	Y / RM		
4	b						Y / RT					
5	C										Y / IO	
6	D	Y / DR										Y / IO
7	d	Y / DR										Y / IO
8	E	Y / RR					Y / RT	Y / RW	Y / RW			
9	e	Y / RR										
10	F										Not Used	
11	I		Y / RR	Y / RR	Y / RR	Y / RR	Y / RT	Y / RW	Y / RW			
12	i					Y / RR						Y / IO
13	K		Y / RR	Y / RR	Y / RR	Y / RR	Y / CW	Y / CT	Y / CT	Y / RM		
14	L										Not Used	Y / IO
15	M		Y / RR	Y / RR	Y / RR	Y / RR	Y / CW	Y / CT	Y / CT	Y / RM		
16	N	Y / NU	Y / NU	Y / NU	Y / NU		Y / NU			Y / NU		Y / IO
17	O	Y / RR									Y / RR	
18	P	Y / RR										
19	p	Y / RR										
20	R		Y / IO			Y / IO	Y / IO					
21	r	Y / RR				Y / IO						
22	S	Y / SR	Y / SR	Y / SR	Y / SR	Y / SR			Y / SW	Y / SM		
23	s	Y / SR						Y / SW	Y / SW			
24	T										Y / RT	
25	t	Y / RR										
26	U											Y / IO
27	V	Y / RR										
28	v	Y / RR										
29	W	Y / RR									Y / RW	
30	X	Y / RR										
31	. (dot)	Y / GR	Y / IO	Y / IO	Y / IO	Y / GV	Y / GT	Y / GW	Y / GW	Y / GM	Y / IO	
32	-	Y / NU				Y / NU	Y / NU	Y / NU	Y / NU	Y / NU		
33	2	Y / IO								Y / SM		
34	3									Y / SM		

Overall report QC marks: RR=reject report, DR=duplicate report, SR=suspect report, GR=good report

Temperature QC marks: RT=reject temperature, GT=good temperature CW=check winds to see if they are also bad (temp bad in that case.)

Moisture QC marks: RM=reject moisture, SM=suspect moisture, GM=good moisture

Wind QC marks: RW=reject winds, SW=suspect winds, GW=good winds, CT=check temp to see if it is also bad (winds bad in that case.)

Vertical coordinate QC marks (pressure/height/altitude): GV=good vertical measurement (whether it's pressure or height)

Miscellaneous QC marks: IO=Information only; this NRL QC mark is not translated currently to an NCEP standard, NU=neutral

QC value is not used nor available in the NRL QC code. If these values are ever encountered without defining them in the routine tranQCflags, an NCEP QM=2 (neutral) and reason code=99 will be assigned.	QC value IS available and is actively used in the NRL QC code.	QC value is technically available, but not currently assigned by NRL code.