

**b. Weather Products.**

FIS-B does not replace a preflight weather briefing from a source listed in Paragraph 7-1-2, FAA Weather Services, or inflight updates from an FSS or ATC. FIS-B information may be used by the pilot for the safe conduct of flight and aircraft movement; however, the information should not be the only source of weather or aeronautical information. A pilot should be particularly alert and understand the limitations and quality assurance issues associated with individual products. This includes graphical representation of next generation weather radar (NEXRAD) imagery and Notices to Airmen (NOTAM)/temporary flight restrictions (TFR).

*REFERENCE-*  
 AIM, Paragraph 7-1-11, Flight Information Services  
 Advisory Circular (AC) 00-63, "Use of Cockpit Displays of Digital Weather and Aeronautical Information"

**c. Reports of FIS-B Malfunctions.**

Users of FIS-B can provide valuable assistance in the correction of malfunctions by reporting instances of undesirable system performance. Since FIS-B performance is monitored by maintenance personnel rather than ATC, report malfunctions to the nearest Flight Service Station (FSS) facility by radio or telephone. Reporters should identify:

1. Condition observed.
2. Date and time of observation.
3. Altitude and location of observation.
4. Type and call sign of the aircraft.
5. Type and software version of avionics system.

*TBL 4-5-3*

**FIS-B Basic Product Update and Transmission Intervals**

<b>Product</b>	<b>FIS-B Service Update Interval<sup>1</sup></b>	<b>FIS-B Service Transmission Interval<sup>2</sup></b>
AIRMET	As available	5 minutes
Convective SIGMET	As available	5 minutes
METAR/SPECI	Hourly/as available	5 minutes
NEXRAD Reflectivity (CONUS)	5 minutes	15 minutes
NEXRAD Reflectivity (Regional)	5 minutes	2.5 minutes
NOTAM-D/FDC	As available	10 minutes
PIREP	As available	10 minutes
SIGMET	As available	5 minutes
SUA Status	As available	10 minutes
TAF/AMEND	8 hours/as available	10 minutes
Temperature Aloft	6 hours	10 minutes
Winds Aloft	6 hours	10 minutes

<sup>1</sup> The Update Interval is the rate at which the product data is available from the source.

<sup>2</sup> The Transmission Interval is the amount of time within which a new or updated product transmission must be completed and the rate or repetition interval at which the product is rebroadcast.

**NOTE-**  
 Details concerning the content, format, and symbols of the various data link products provided should be obtained from the specific avionics manufacturer.