

KBWI

Baltimore Washington Intl

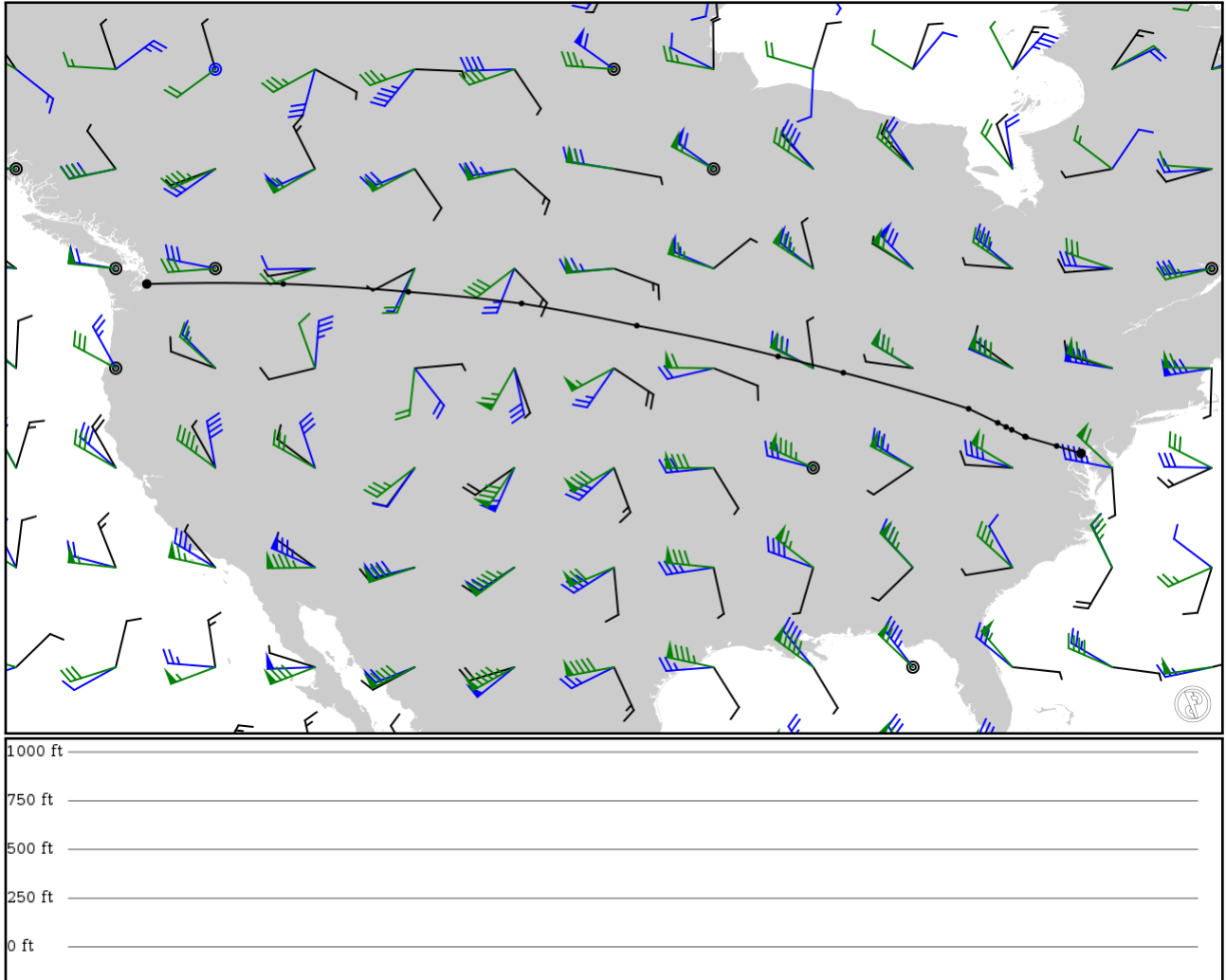
KSEA

Seattle Tacoma Intl

2024/05/04 1559Z

KBWI MCRAY **J518** DJB BAE ODI ABR KU09W LWT MLP KSEA

2027.33 nm / 3754.62 km



Notes

Requested: KBWI MCRAY J518 IHD J518 DJB BAE ODI ABR KU09W LWT MLP KSEA

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KBWI APT	-	39.17601 -76.66682	0 ft 0 m	-	Baltimore Washington Intl
MCRA FIX	-	39.53825 -77.86057	0 ft 0 m	59	-
IHD VOR	J518 AWY-HI	39.97425 -79.35836	0 ft 0 m	73	INDIAN HEAD VORTAC
LEJOY FIX	J518 AWY-HI	40.00339 -79.41489	0 ft 0 m	3	-
AVERE FIX	J518 AWY-HI	40.33104 -80.05732	0 ft 0 m	35	-
KODIE FIX	J518 AWY-HI	40.46887 -80.33154	0 ft 0 m	15	-
LIVER FIX	J518 AWY-HI	40.67229 -80.74077	0 ft 0 m	22	-
DJB VOR	J518 AWY-HI	41.35806 -82.16197	0 ft 0 m	76	DRYER VOR-DME
BAE VOR	-	43.11686 -88.28433	0 ft 0 m	291	BADGER VORTAC
ODI VOR	-	43.91233 -91.46753	0 ft 0 m	146	NODINE VORTAC
ABR VOR	-	45.41736 -98.36872	0 ft 0 m	308	ABERDEEN VOR-DME
KU09W FIX	-	46.50000 -104.00000	0 ft 0 m	243	-
LWT NDB	-	47.06743 -109.53534	0 ft 0 m	230	LEWISTOWN NDB
MLP VOR	-	47.45692 -115.64606	0 ft 0 m	250	MULLAN PASS VOR-DME
KSEA APT	-	47.45019 -122.31232	0 ft 0 m	270	Seattle Tacoma Intl

KBWI

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 3

Elevation: 145 ft / 44 m
Location: 39.176800 -76.667200
Magnetic Var: 11.133 W

METAR

KBWI 041454Z 08009KT 10SM -RA SCT007 BKN013 OVC020 12/11 A3024 RMK AO2 SLP241 P0001 60002 T01170106 51006 \$

TAF

TAF AMD KBWI 041459Z 0415/0518 09008KT 6SM -RADZ BR SCT007 BKN013 OVC020 FM041600 10009KT 5SM -RA BR SCT007 OVC015

Frequencies

REC - 115.10 MHz - BALTIMORE ATIS
CLD - 118.05 MHz - BALTIMORE CLEARANCE
TWR - 119.40 MHz - BALTIMORE TOWER
DEP - 124.55 MHz - POTOMAC DEPARTURE
COM - 122.95 MHz - BALTIMORE UNICOM
GND - 121.90 MHz - BALTIMORE GROUND
APP - 119.00 MHz - POTOMAC APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10	150 ft	10,512 ft	94.21	ASPHALT	548 ft	381 ft
	46 m	3,204 m	105.34		167 m	116 m
28	150 ft	10,512 ft	274.23	ASPHALT	699 ft	384 ft
	46 m	3,204 m	285.37		213 m	117 m
15R	150 ft	9,509 ft	144.32	ASPHALT	299 ft	397 ft
	46 m	2,899 m	155.46		91 m	121 m
33L	150 ft	9,509 ft	324.33	ASPHALT	499 ft	197 ft
	46 m	2,899 m	335.47		152 m	60 m
15L	100 ft	5,005 ft	144.33	ASPHALT	0 ft	0 ft
	30 m	1,525 m	155.46		0 m	0 m
33R	100 ft	5,005 ft	324.34	ASPHALT	0 ft	0 ft
	30 m	1,525 m	335.47		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
10	LOC-ILS	IBAL	109.70 MHz	18 nm	94.22	-	145 ft
				33 km	105.35		145 m
15L	LOC-ILS	IUQC	111.95 MHz	18 nm	144.34	-	145 ft
				33 km	155.47		145 m
15R	LOC-ILS	IFND	111.70 MHz	18 nm	144.33	-	145 ft
				33 km	155.46		145 m
28	LOC-ILS	IOEH	109.70 MHz	18 nm	274.22	-	145 ft
				33 km	285.35		145 m
33L	LOC-ILS	IRUX	111.70 MHz	18 nm	324.34	-	145 ft
				33 km	335.47		145 m
33R	LOC-ILS	IBWI	111.95 MHz	18 nm	324.33	-	145 ft
				33 km	335.46		145 m
10	GS	IBAL	109.70 MHz	10 nm	94.22	3.00	145 ft
				19 km	105.35		145 m
15L	GS	IUQC	111.95 MHz	10 nm	144.34	3.00	145 ft
				19 km	155.47		145 m
15R	GS	IFND	111.70 MHz	10 nm	144.33	3.00	145 ft
				19 km	155.46		145 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
28	GS	IOEH	109.70 MHz	10 nm	274.22	3.00	145 ft
				19 km	285.35		145 m
33L	GS	IRUX	111.70 MHz	10 nm	324.34	3.00	145 ft
				19 km	335.47		145 m
33R	GS	IBWI	111.95 MHz	10 nm	324.33	3.00	145 ft
				19 km	335.46		145 m

KSEA

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 3

Elevation: 432 ft / 132 m
Location: 47.450200 -122.312000
Magnetic Var: 14.777 E

METAR

KSEA 041453Z 01014KT 10SM -RA FEW020 SCT040 OVC075 11/09 A2953 RMK A02 SLP004 P0001 60001 T01110089 56015

TAF

KSEA 041504Z 0415/0518 02011KT P6SM -SHRA FEW020 SCT035 OVC060 FM042200 24004KT P6SM -SHRA SCT020 OVC035 FM050300

Frequencies

REC - 118.00 MHz - SEATTLE ATIS	CLD - 128.00 MHz - SEATTLE CLEARANCE
GND - 121.70 MHz - SEATTLE GROUND	TWR - 119.90 MHz - SEATTLE TOWER
TWR - 120.95 MHz - SEATTLE TOWER	APP - 133.65 MHz - SEATTLE APPROACH
DEP - 120.10 MHz - SEATTLE DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16L	151 ft	11,904 ft	180.35	CONCRETE	0 ft	400 ft
	46 m	3,628 m	165.57		0 m	122 m
34R	151 ft	11,904 ft	0.35	CONCRETE	0 ft	400 ft
	46 m	3,628 m	345.57		0 m	122 m
16C	151 ft	9,428 ft	180.34	CONCRETE	0 ft	400 ft
	46 m	2,874 m	165.57		0 m	122 m
34C	151 ft	9,428 ft	0.34	CONCRETE	0 ft	397 ft
	46 m	2,874 m	345.57		0 m	121 m
16R	151 ft	8,502 ft	180.34	CONCRETE	0 ft	200 ft
	46 m	2,591 m	165.56		0 m	61 m
34L	151 ft	8,502 ft	0.34	CONCRETE	0 ft	197 ft
	46 m	2,591 m	345.56		0 m	60 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16C	DME	ISZI	111.70 MHz	18 nm	-	-	470 ft
				33 km	-		470 m
16L	DME	ISNQ	110.30 MHz	18 nm	-	-	369 ft
				33 km	-		369 m
16R	DME	ICJL	110.75 MHz	18 nm	-	-	410 ft
				33 km	-		410 m
34C	DME	ITUC	111.70 MHz	18 nm	-	-	470 ft
				33 km	-		470 m
34L	DME	IB EJ	110.75 MHz	18 nm	-	-	410 ft
				33 km	-		410 m
34R	DME	ISEA	110.30 MHz	18 nm	-	-	469 ft
				33 km	-		469 m
16C	LOC-ILS	ISZI	111.70 MHz	18 nm	180.34	-	355 ft
				33 km	165.56		355 m
16L	LOC-ILS	ISNQ	110.30 MHz	18 nm	180.34	-	338 ft
				33 km	165.57		338 m
16R	LOC-ILS	ICJL	110.75 MHz	18 nm	180.34	-	410 ft
				33 km	165.56		410 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
34C	LOC-ILS	ITUC	111.70 MHz	18 nm	0.34	-	422 ft
				33 km	345.56		422 m
34L	LOC-ILS	IBEJ	110.75 MHz	18 nm	0.34	-	433 ft
				33 km	345.56		433 m
34R	LOC-ILS	ISEA	110.30 MHz	18 nm	0.34	-	428 ft
				33 km	345.57		428 m
16C	GS	ISZI	111.70 MHz	10 nm	180.67	3.00	418 ft
				19 km	165.90		418 m
16L	GS	ISNQ	110.30 MHz	10 nm	180.69	3.00	425 ft
				19 km	165.91		425 m
16R	GS	ICJL	110.75 MHz	10 nm	180.67	3.00	410 ft
				19 km	165.90		410 m
34C	GS	ITUC	111.70 MHz	10 nm	0.67	3.00	367 ft
				19 km	345.90		367 m
34L	GS	IBEJ	110.75 MHz	10 nm	0.67	3.00	360 ft
				19 km	345.90		360 m
34R	GS	ISEA	110.30 MHz	10 nm	0.69	2.75	355 ft
				19 km	345.91		355 m