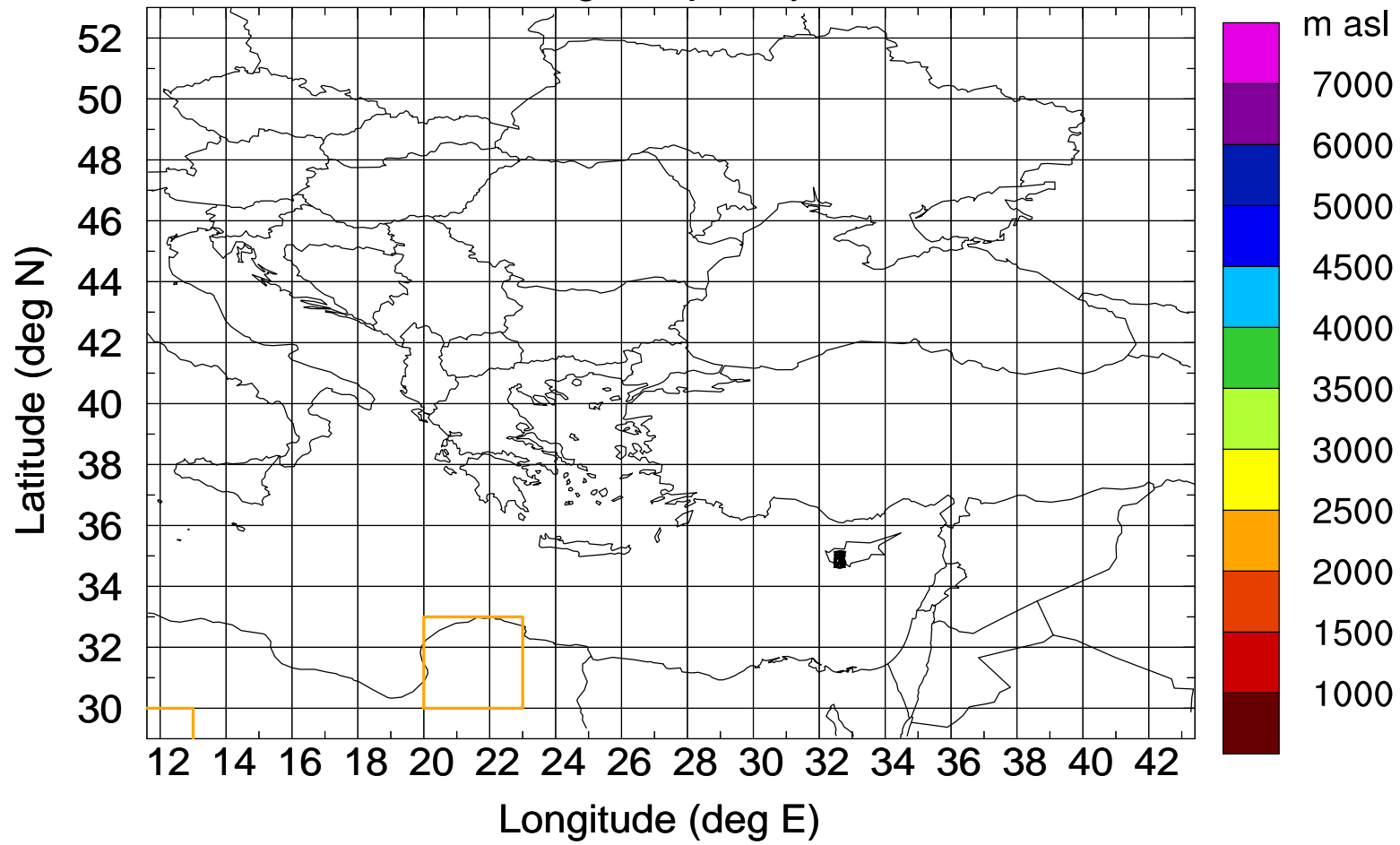


STS ground station 20170401

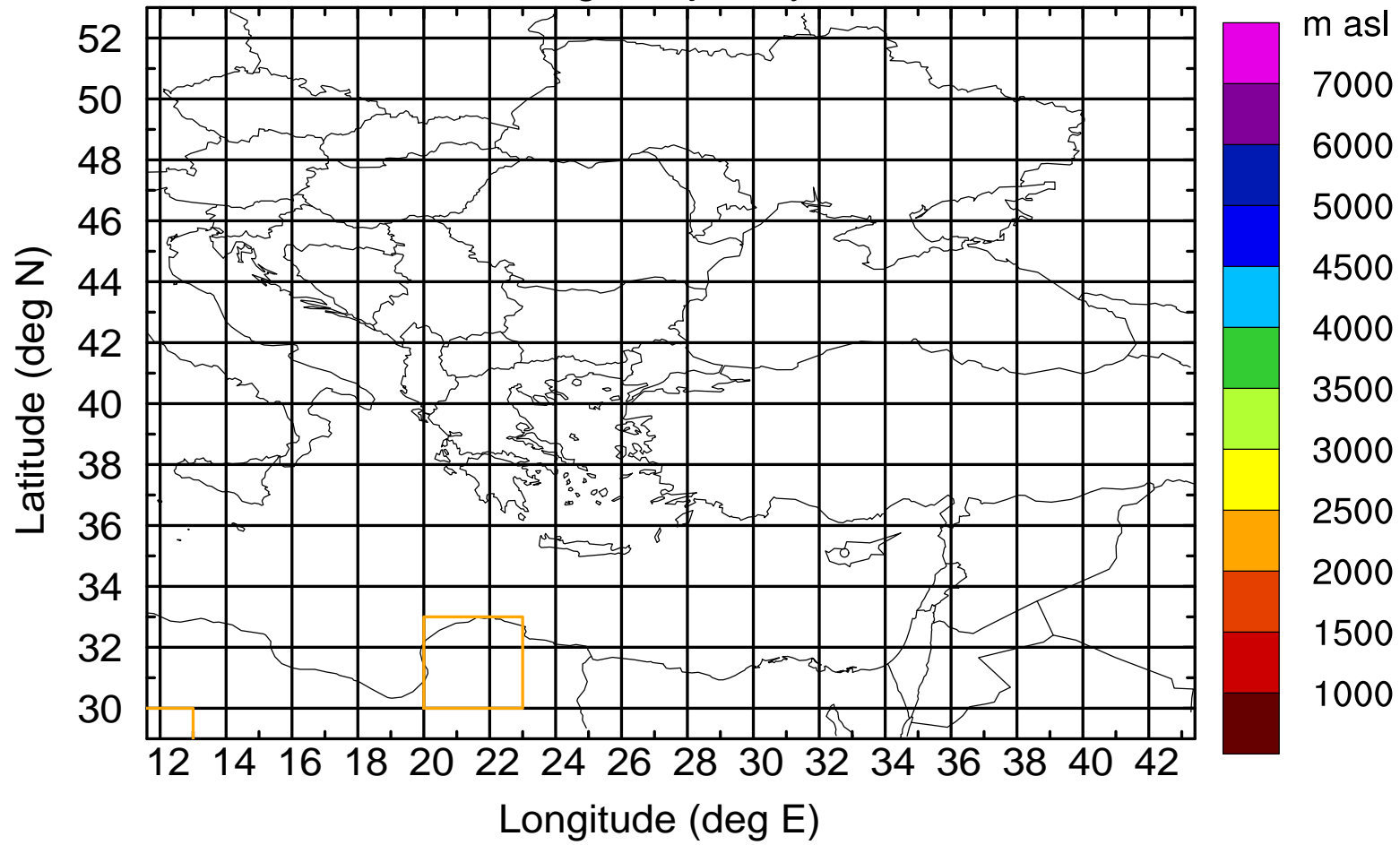
### Flight trajectory





STS ground station 20170401

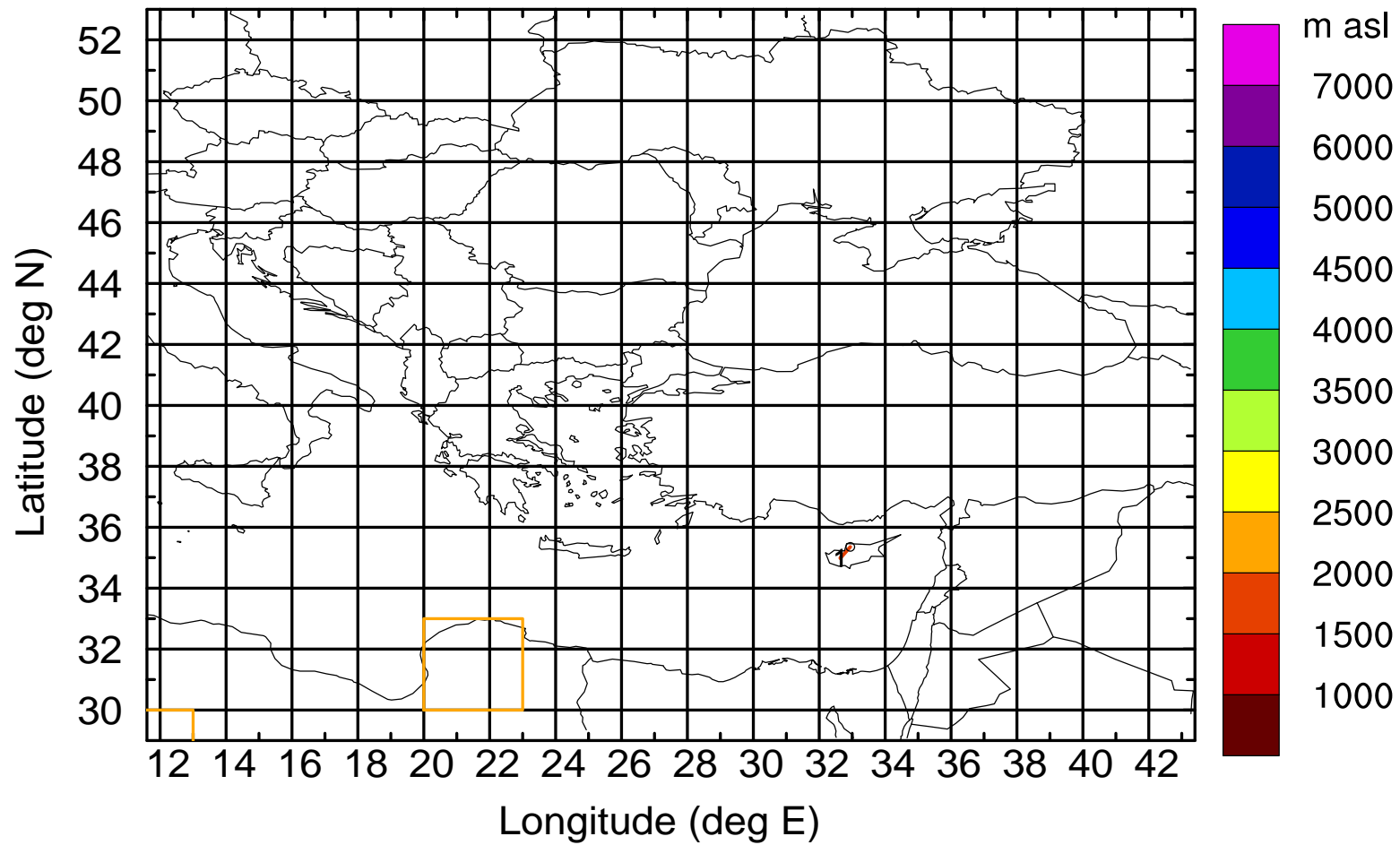
### Flight trajectory





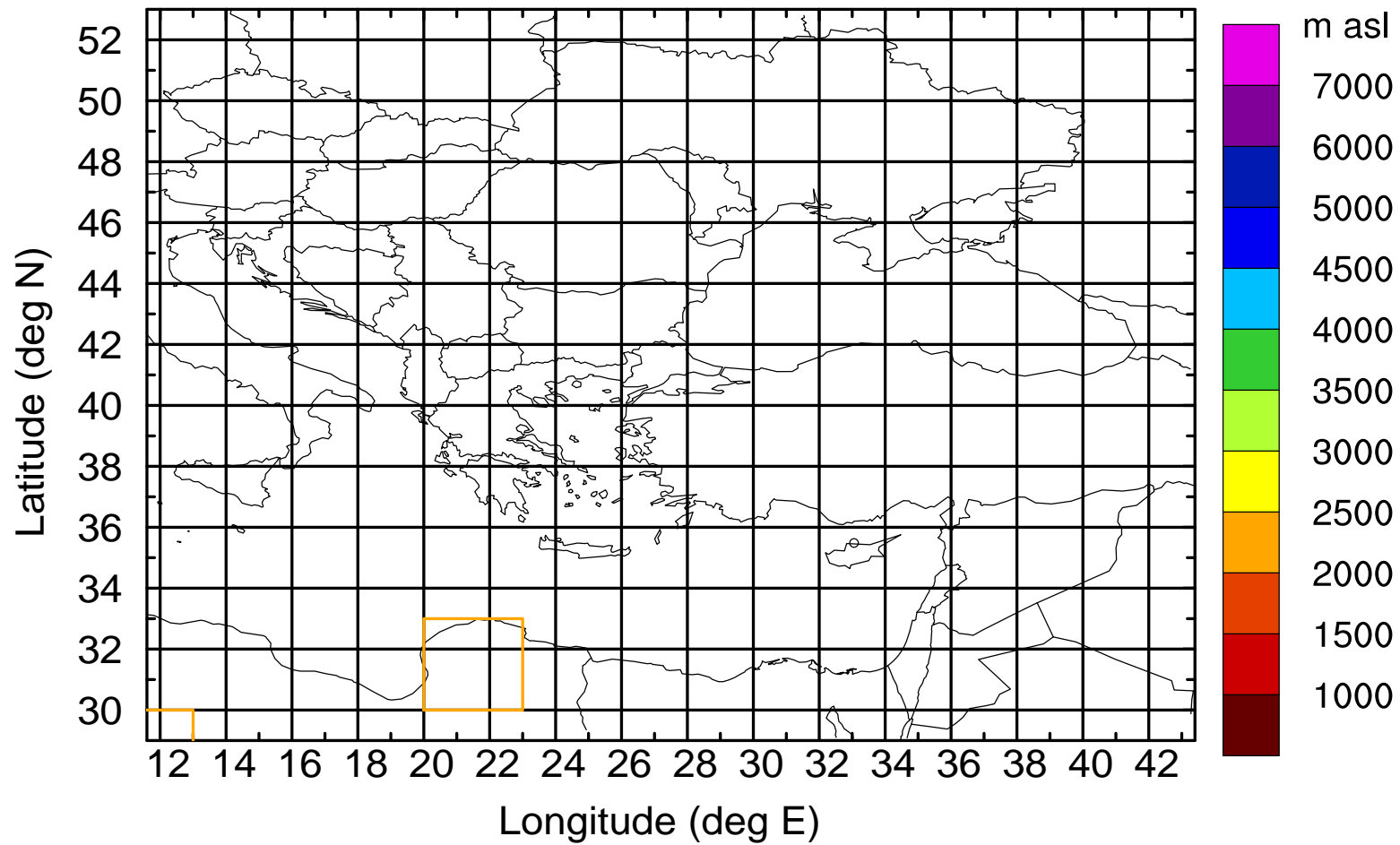
STS ground station 20170401

BWD 20170401/21 -04H = 01/17 UTC



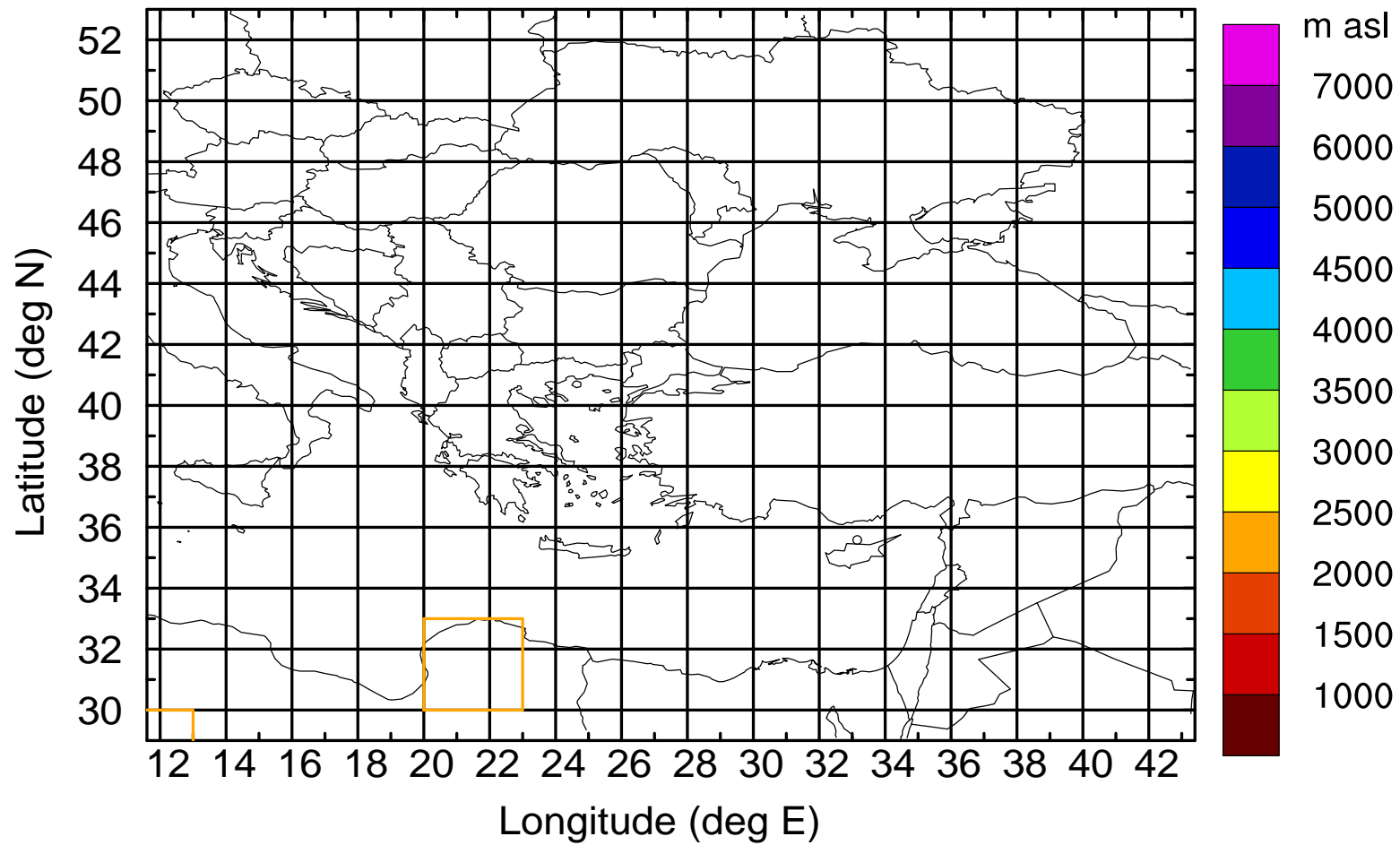
STS ground station 20170401

BWD 20170401/21 -04H = 01/17 UTC



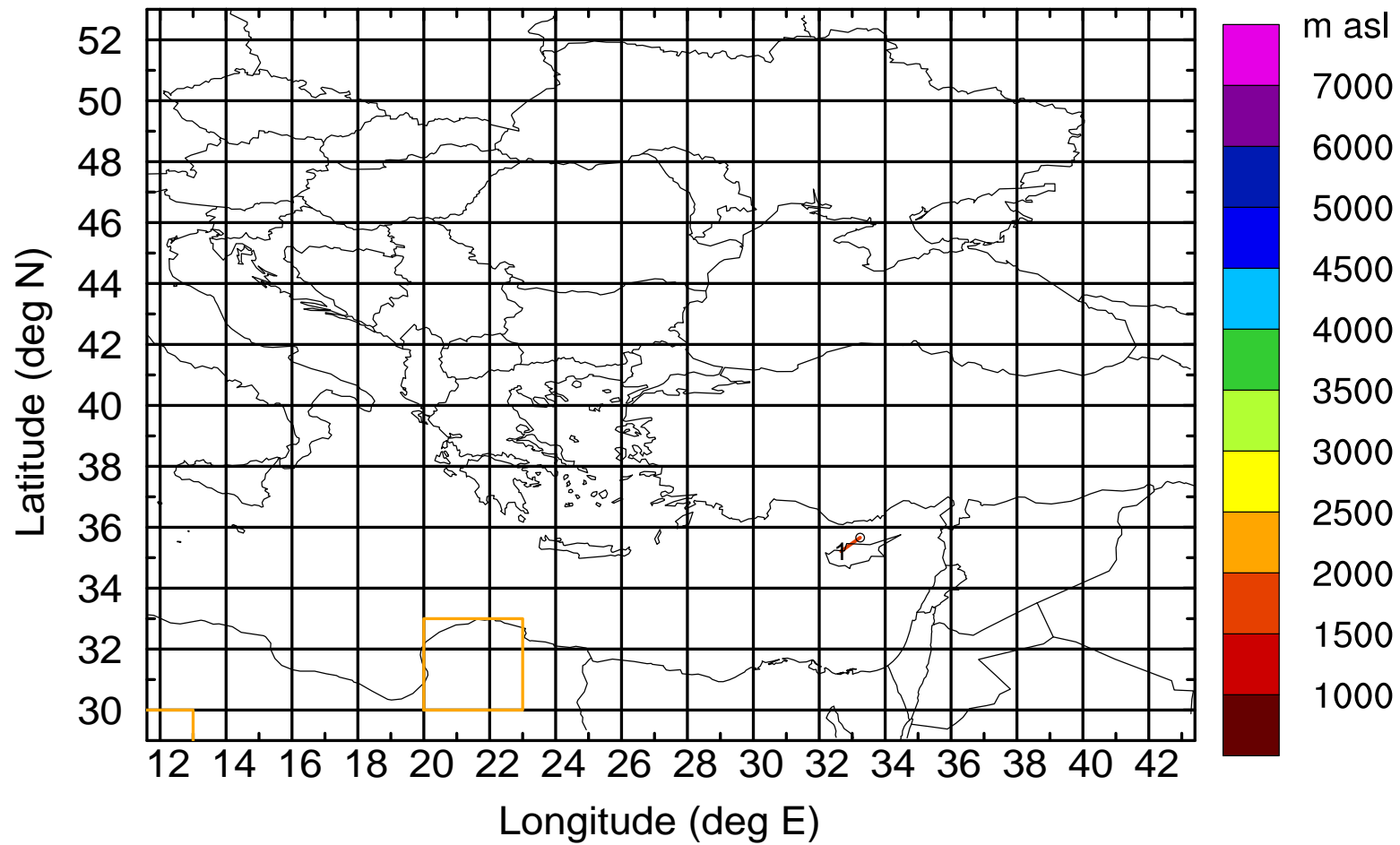
STS ground station 20170401

BWD 20170401/21 -04H = 01/17 UTC



STS ground station 20170401

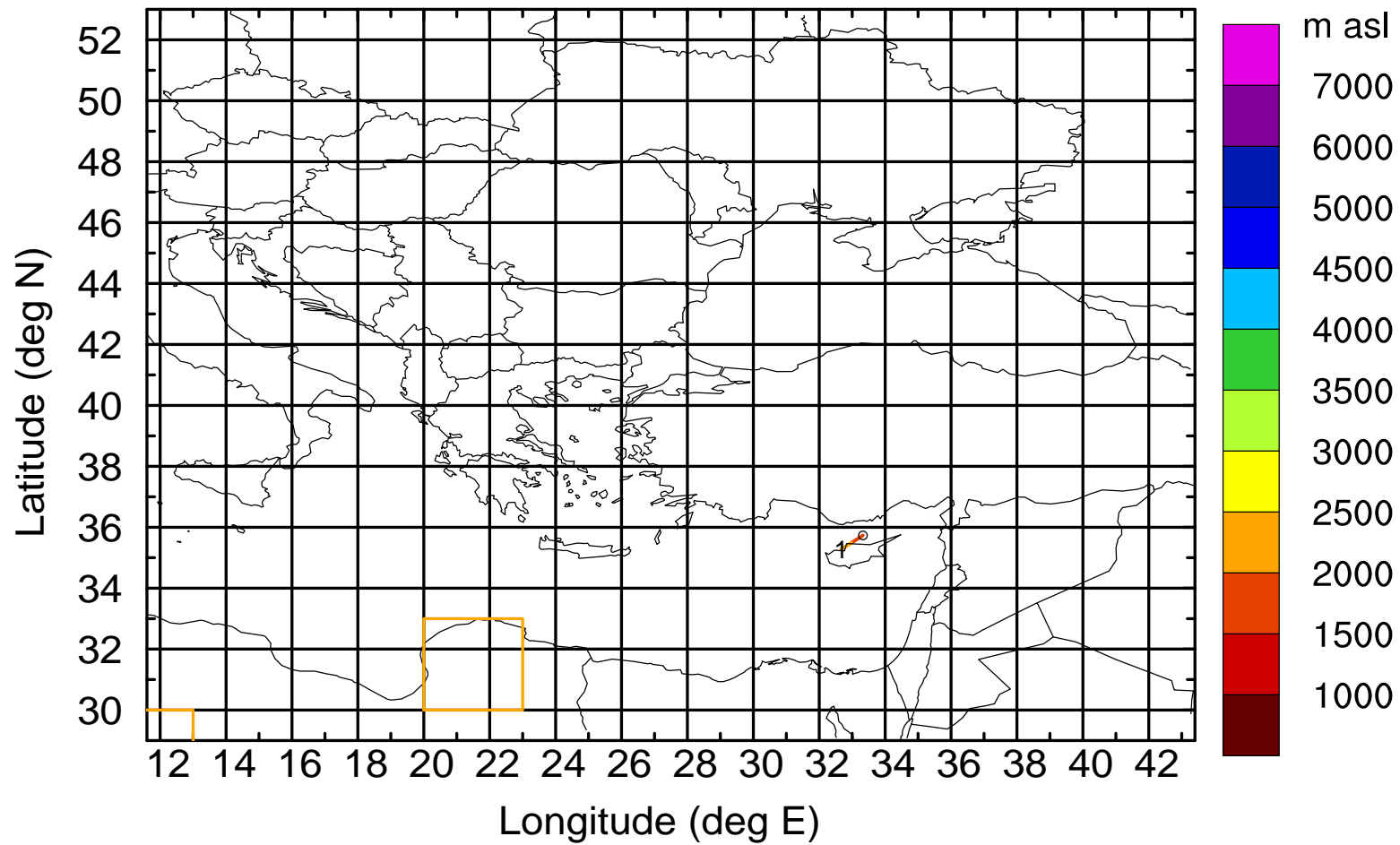
BWD 20170401/21 -07H = 01/14 UTC





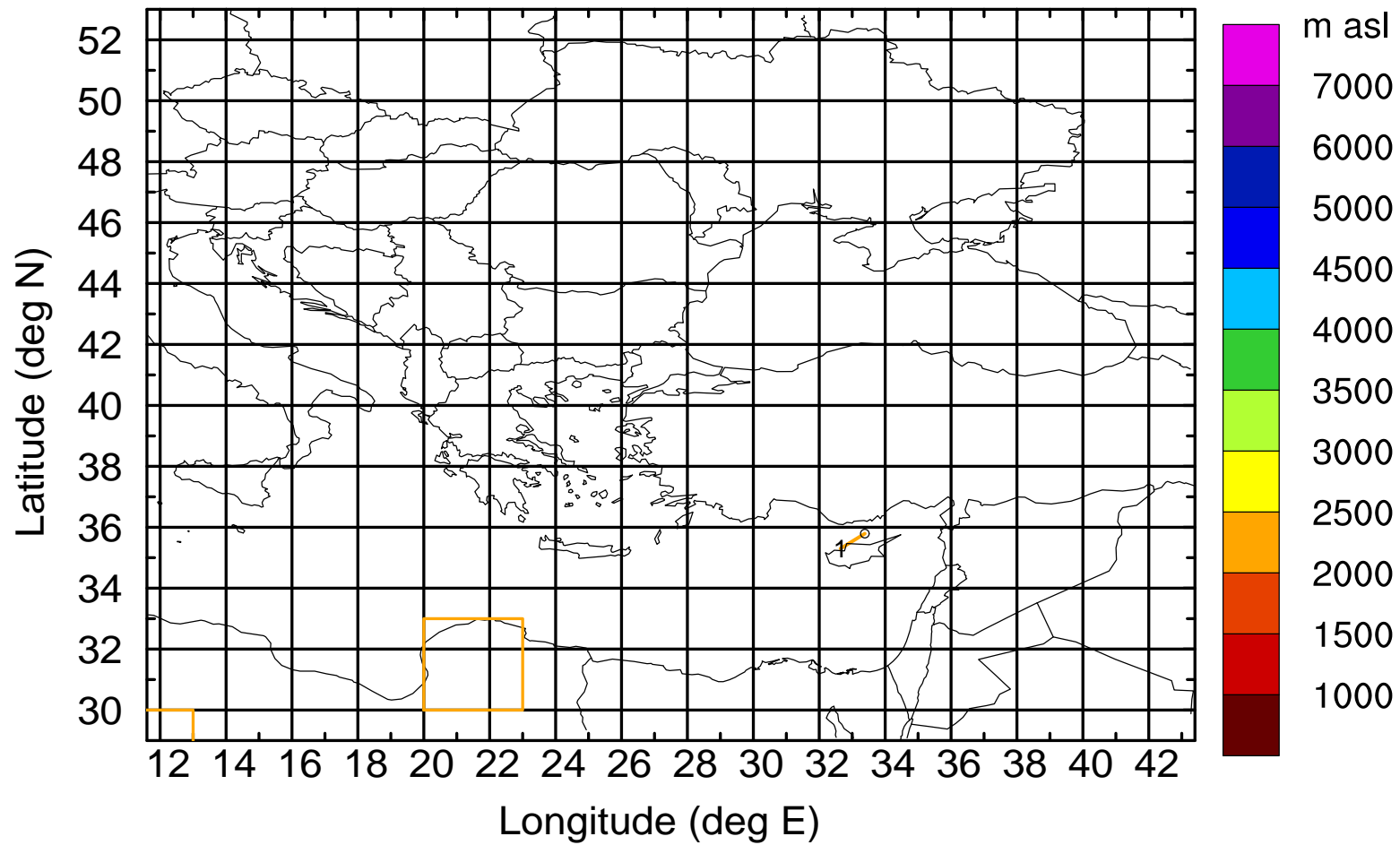
STS ground station 20170401

BWD 20170401/21 -08H = 01/13 UTC



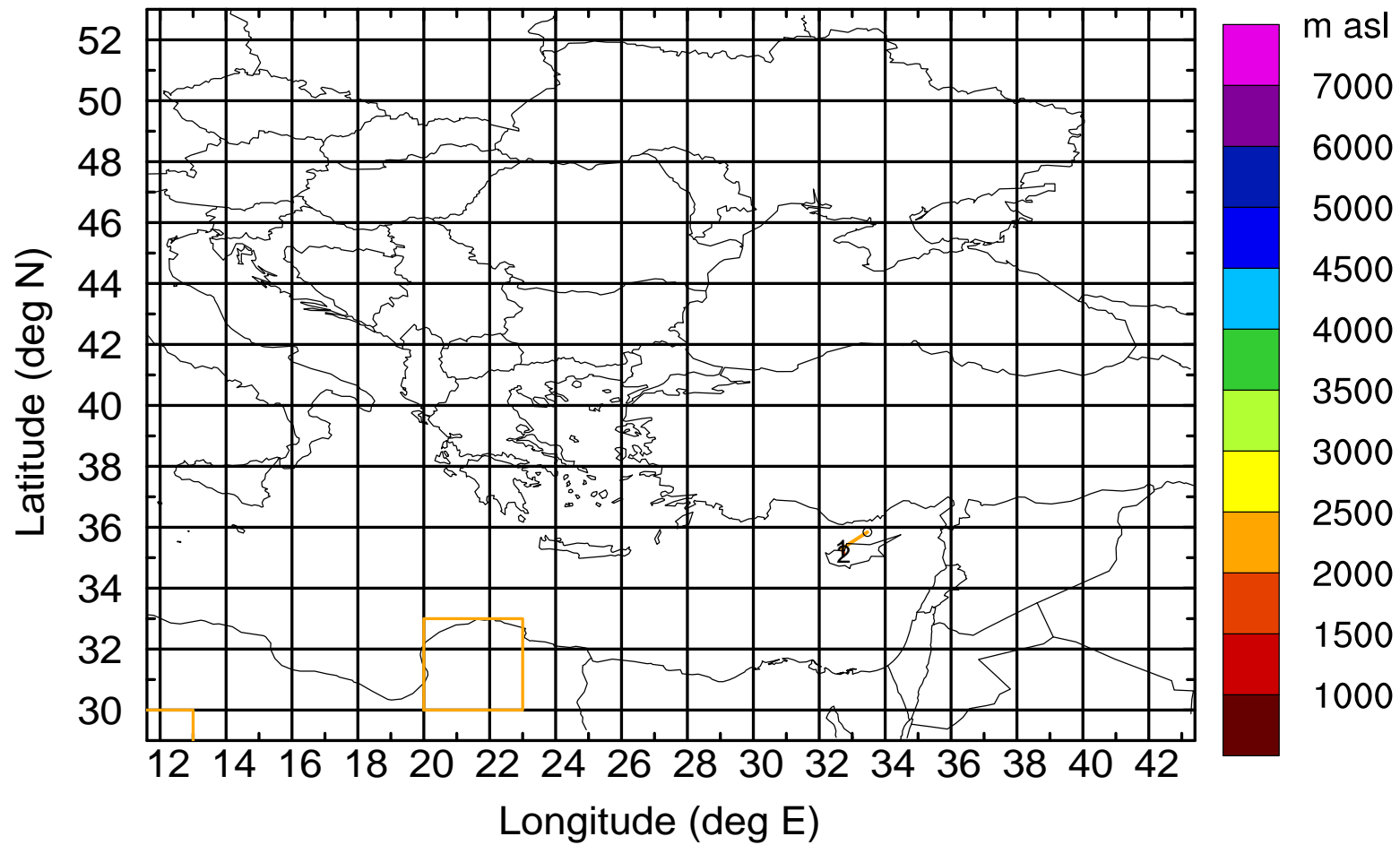
STS ground station 20170401

BWD 20170401/21 -09H = 01/12 UTC



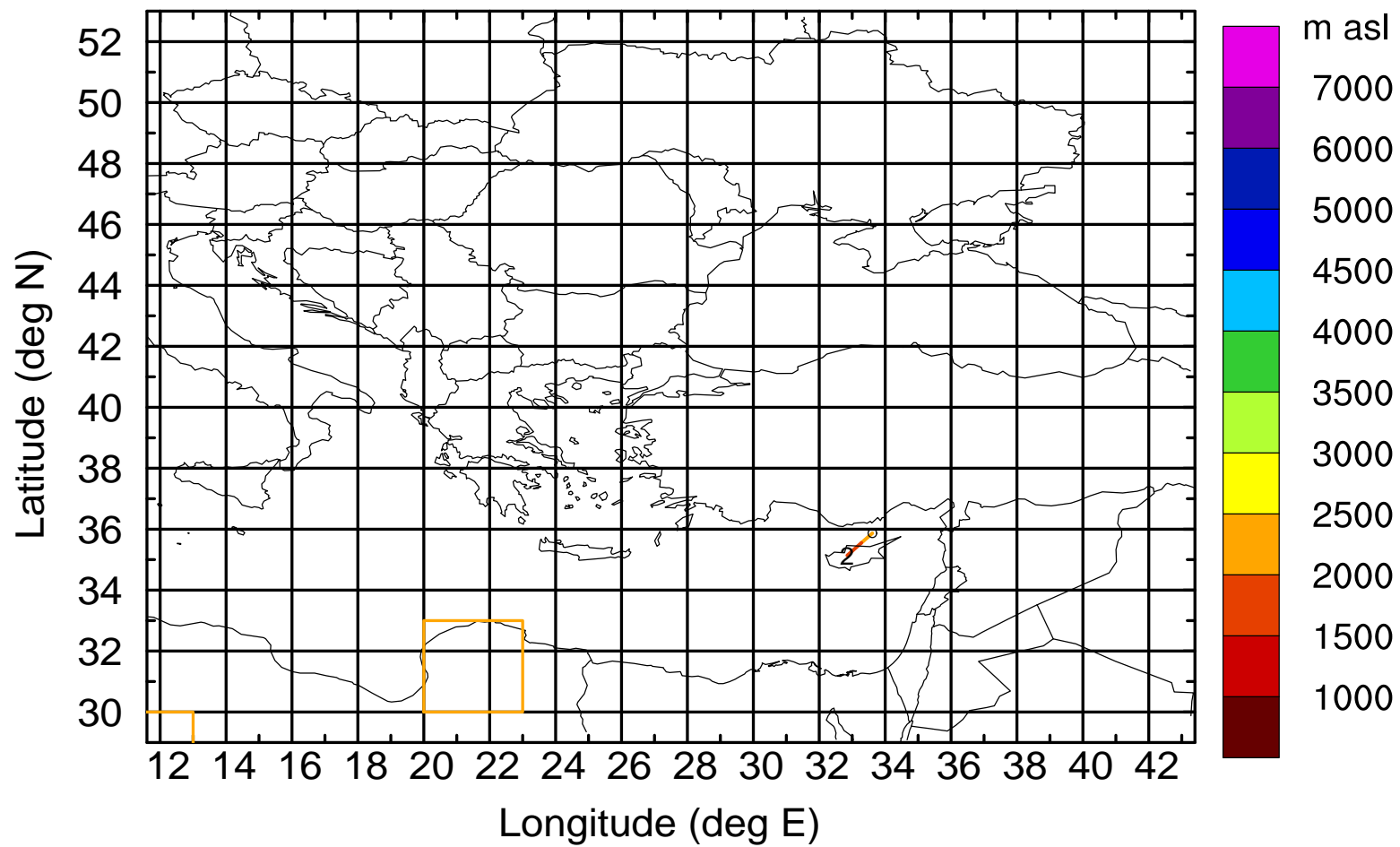
STS ground station 20170401

BWD 20170401/21 -10H = 01/11 UTC



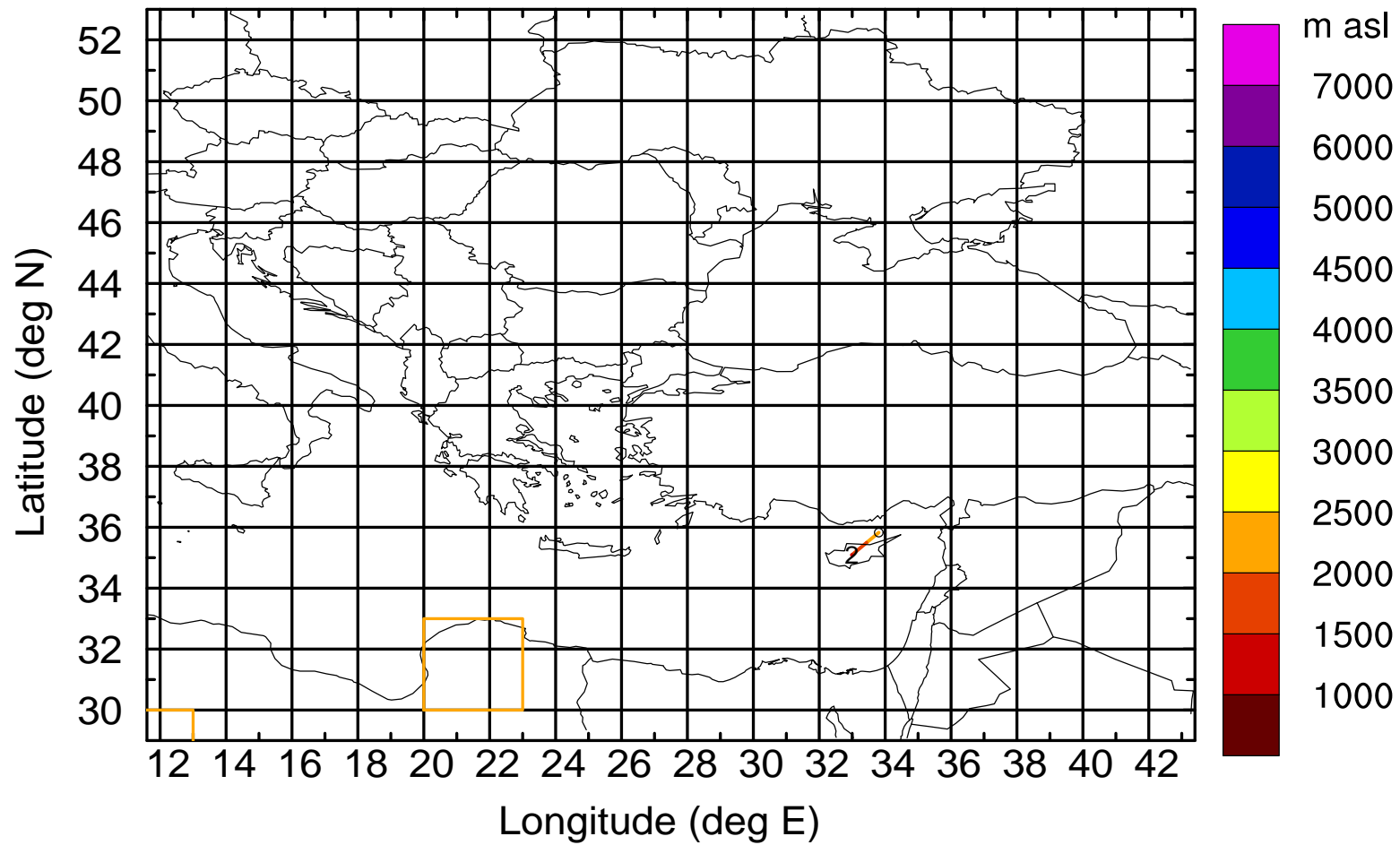
STS ground station 20170401

BWD 20170401/21 -11H = 01/10 UTC



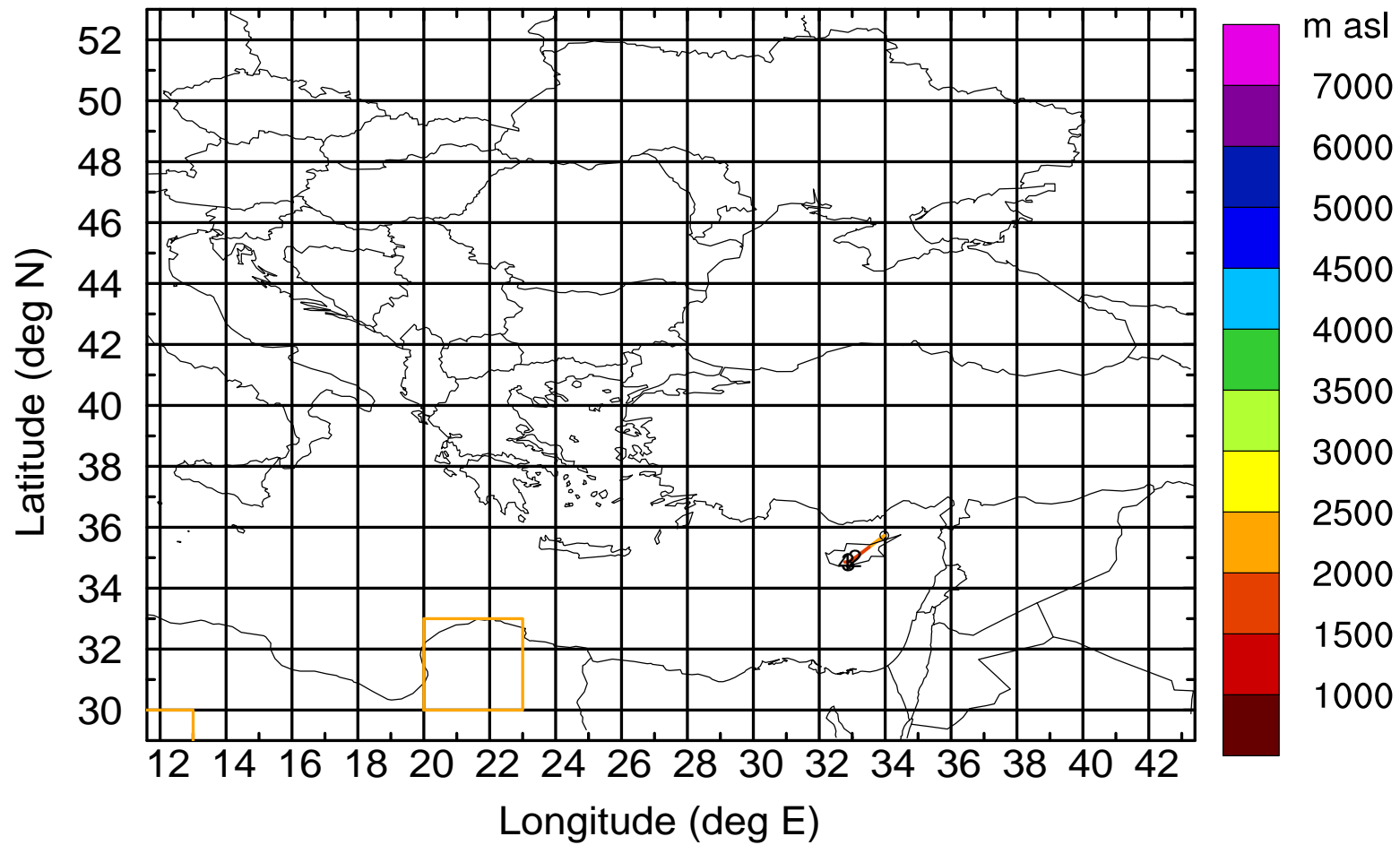
STS ground station 20170401

BWD 20170401/21 -12H = 01/09 UTC



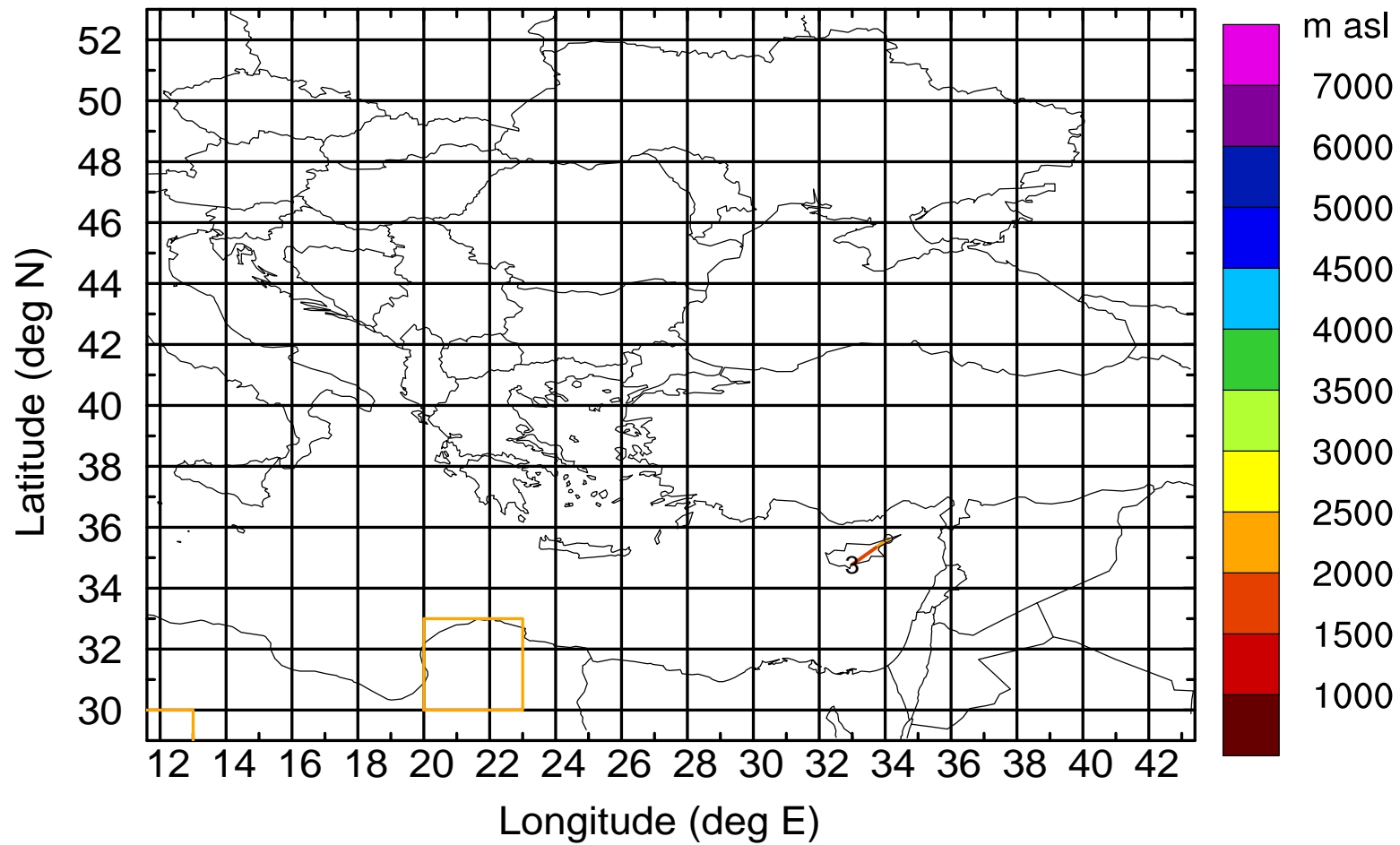
STS ground station 20170401

BWD 20170401/21 -13H = 01/08 UTC



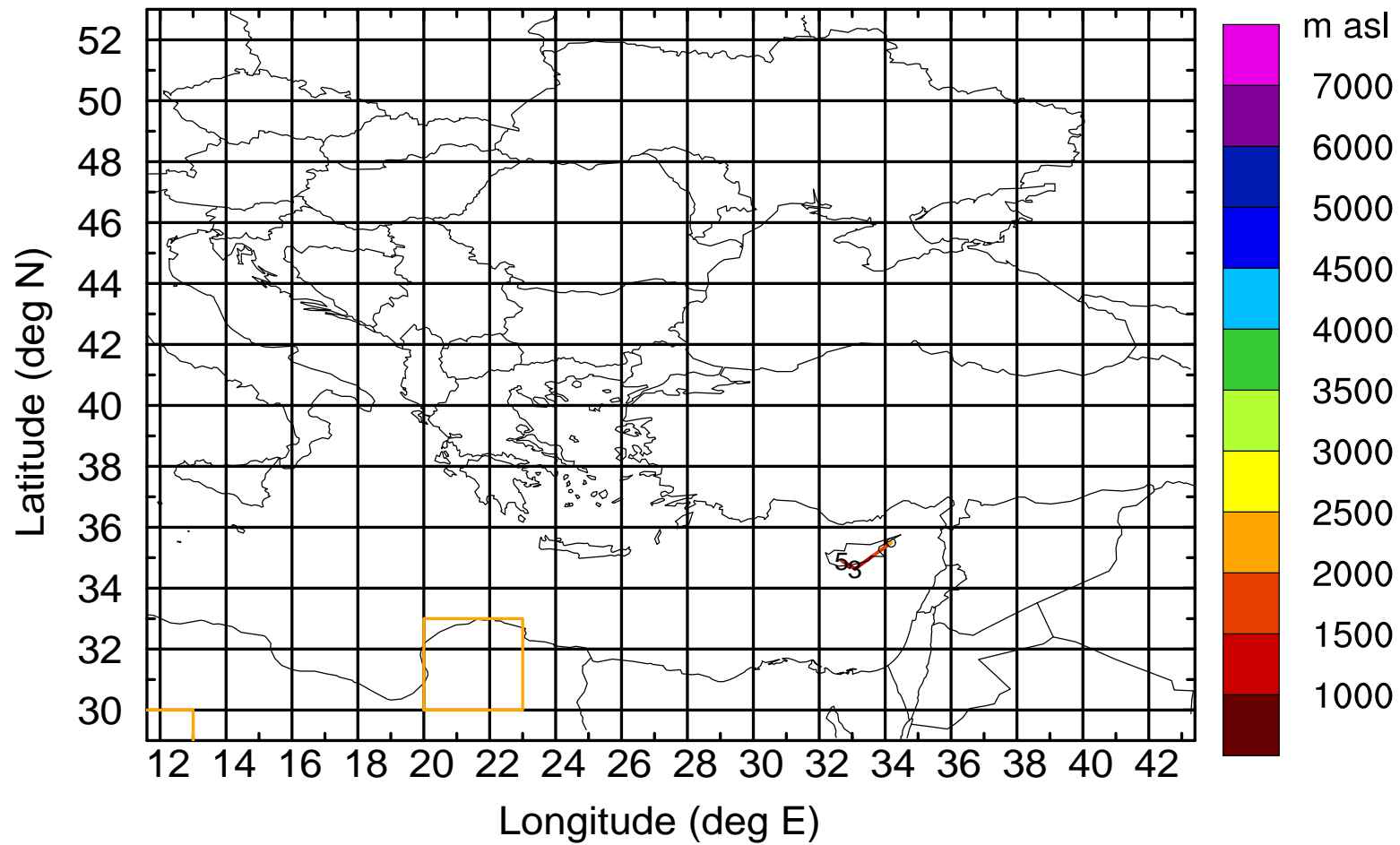
STS ground station 20170401

BWD 20170401/21 -14H = 01/07 UTC



STS ground station 20170401

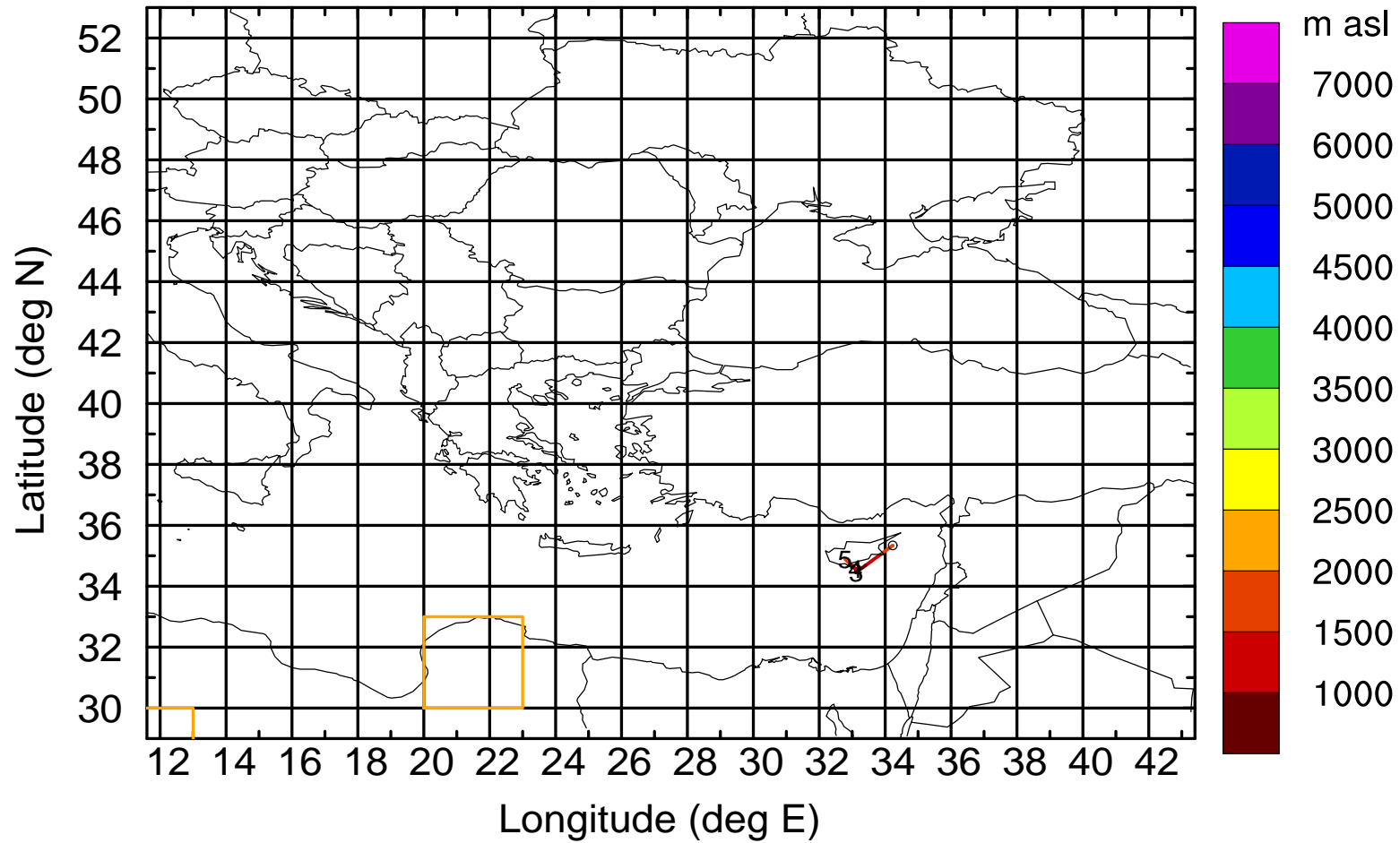
BWD 20170401/21 -15H = 01/06 UTC





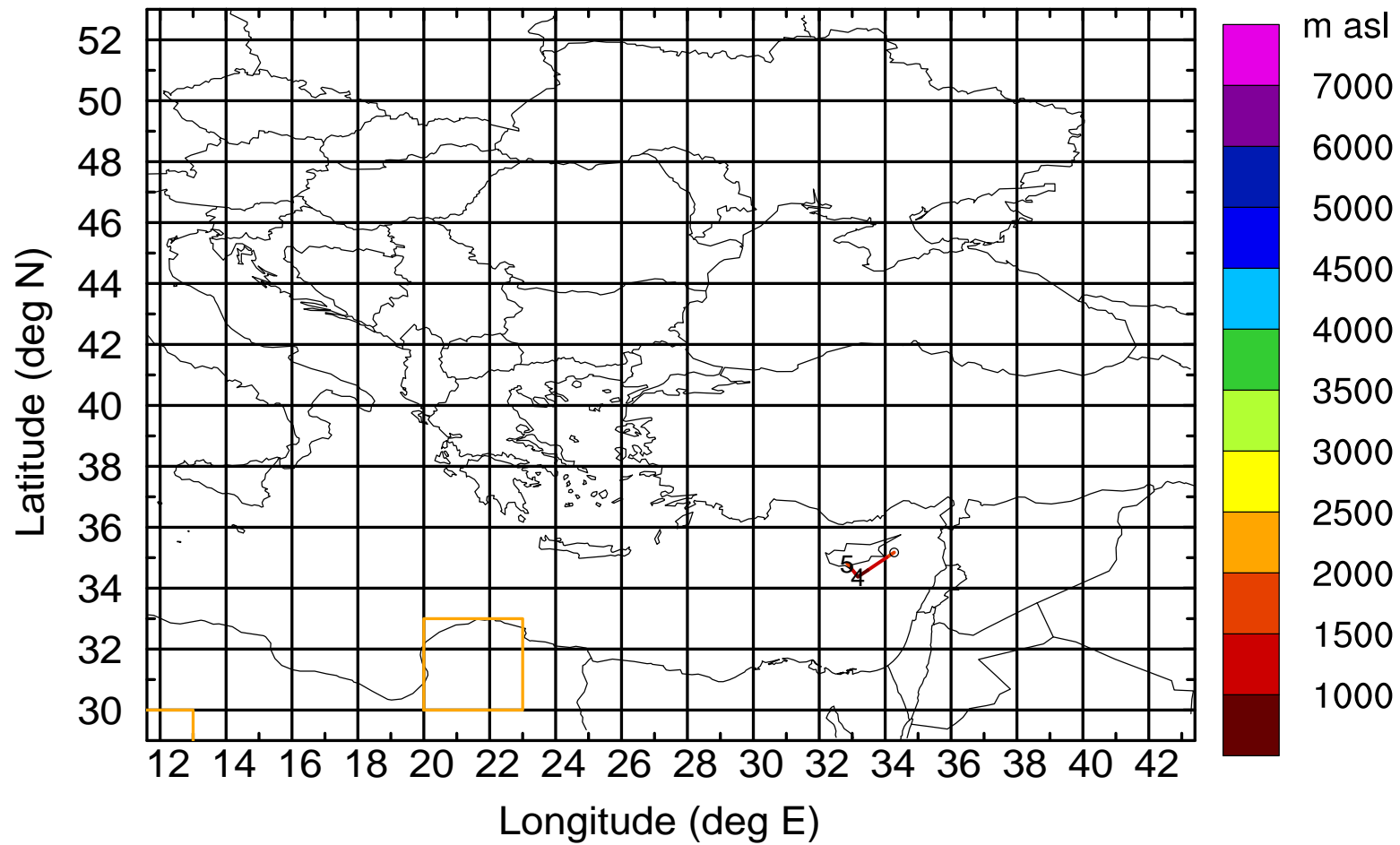
STS ground station 20170401

BWD 20170401/21 -16H = 01/05 UTC



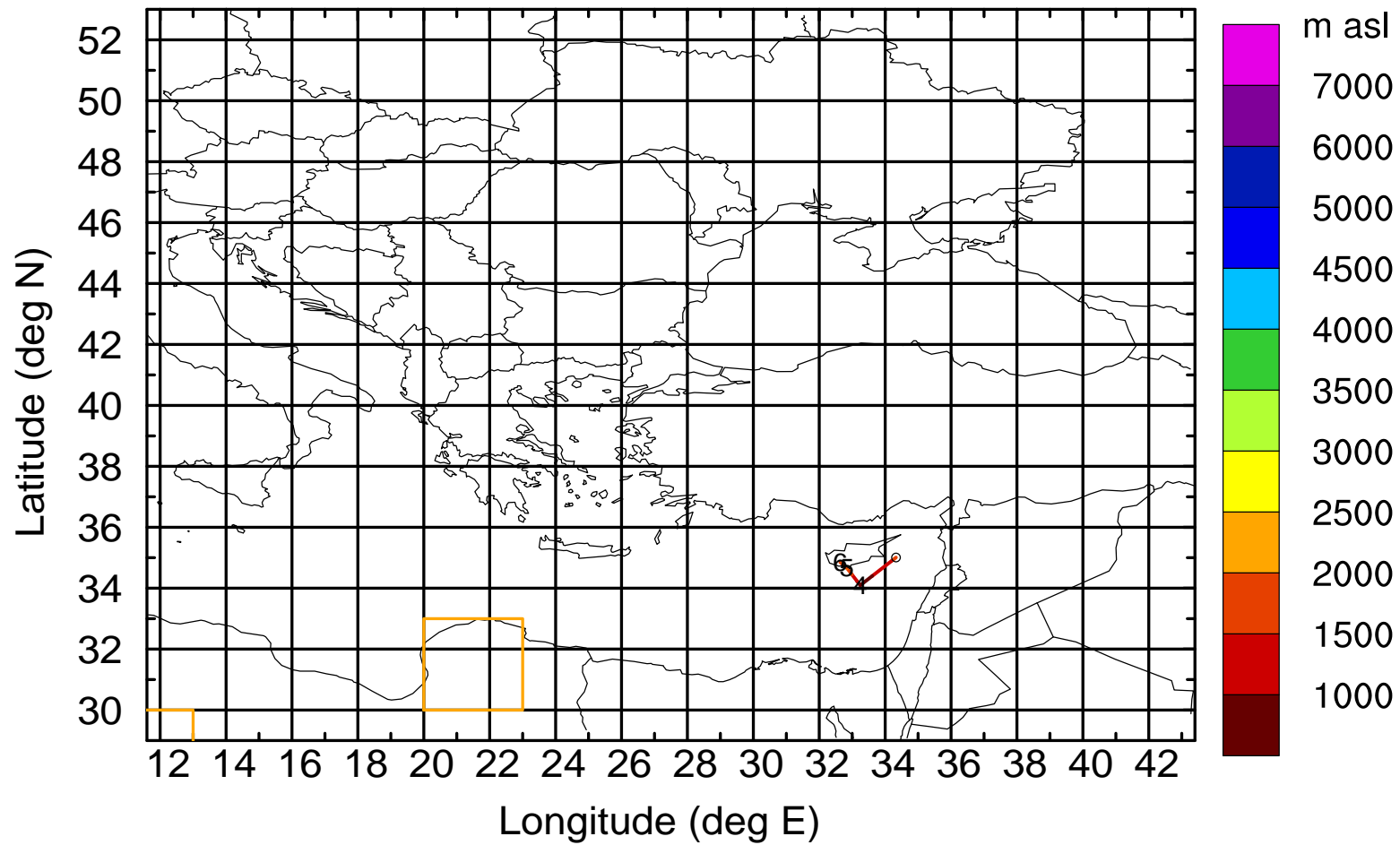
STS ground station 20170401

BWD 20170401/21 -17H = 01/04 UTC



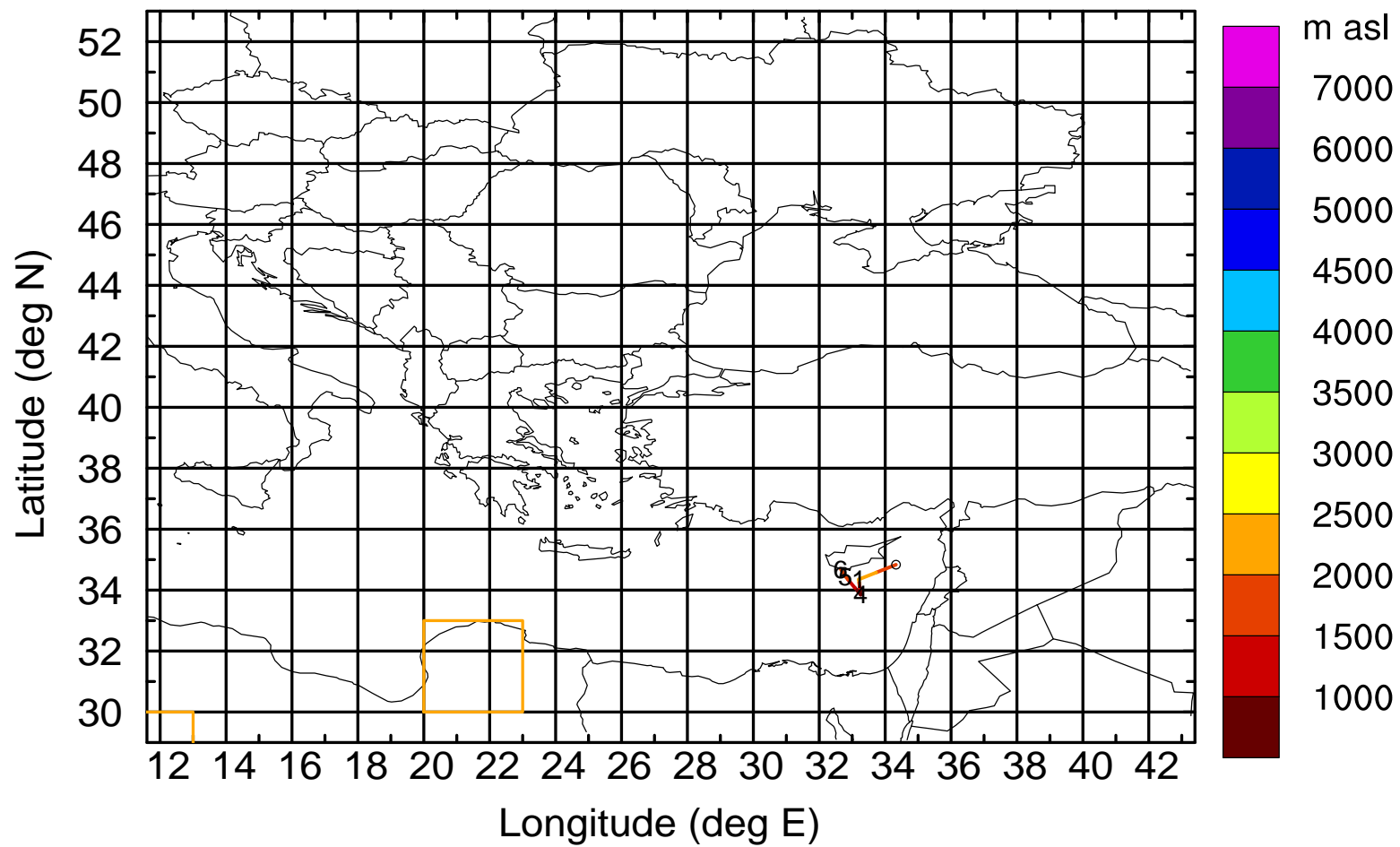
STS ground station 20170401

BWD 20170401/21 -18H = 01/03 UTC



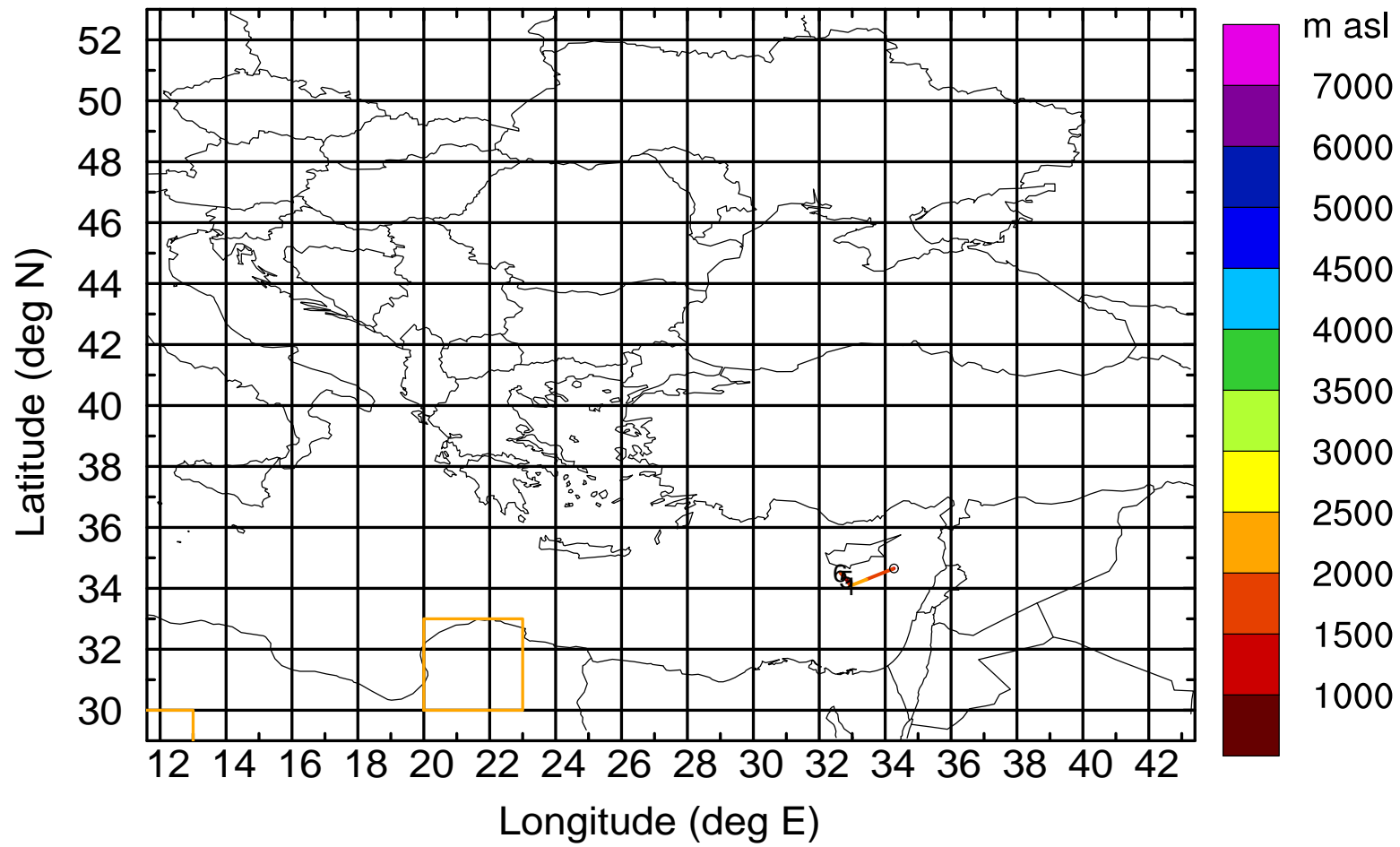
STS ground station 20170401

BWD 20170401/21 -19H = 01/02 UTC



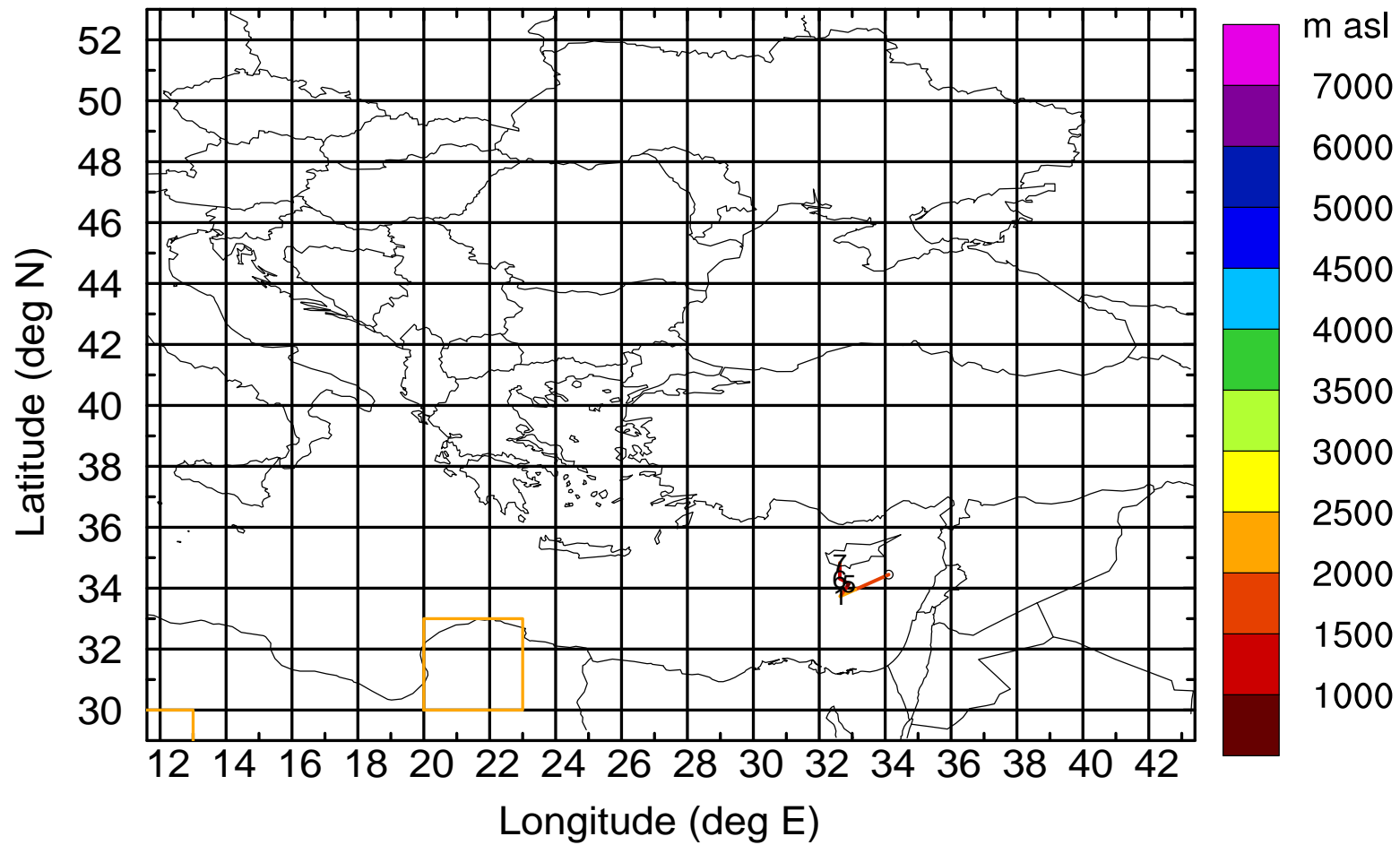
STS ground station 20170401

BWD 20170401/21 -20H = 01/01 UTC



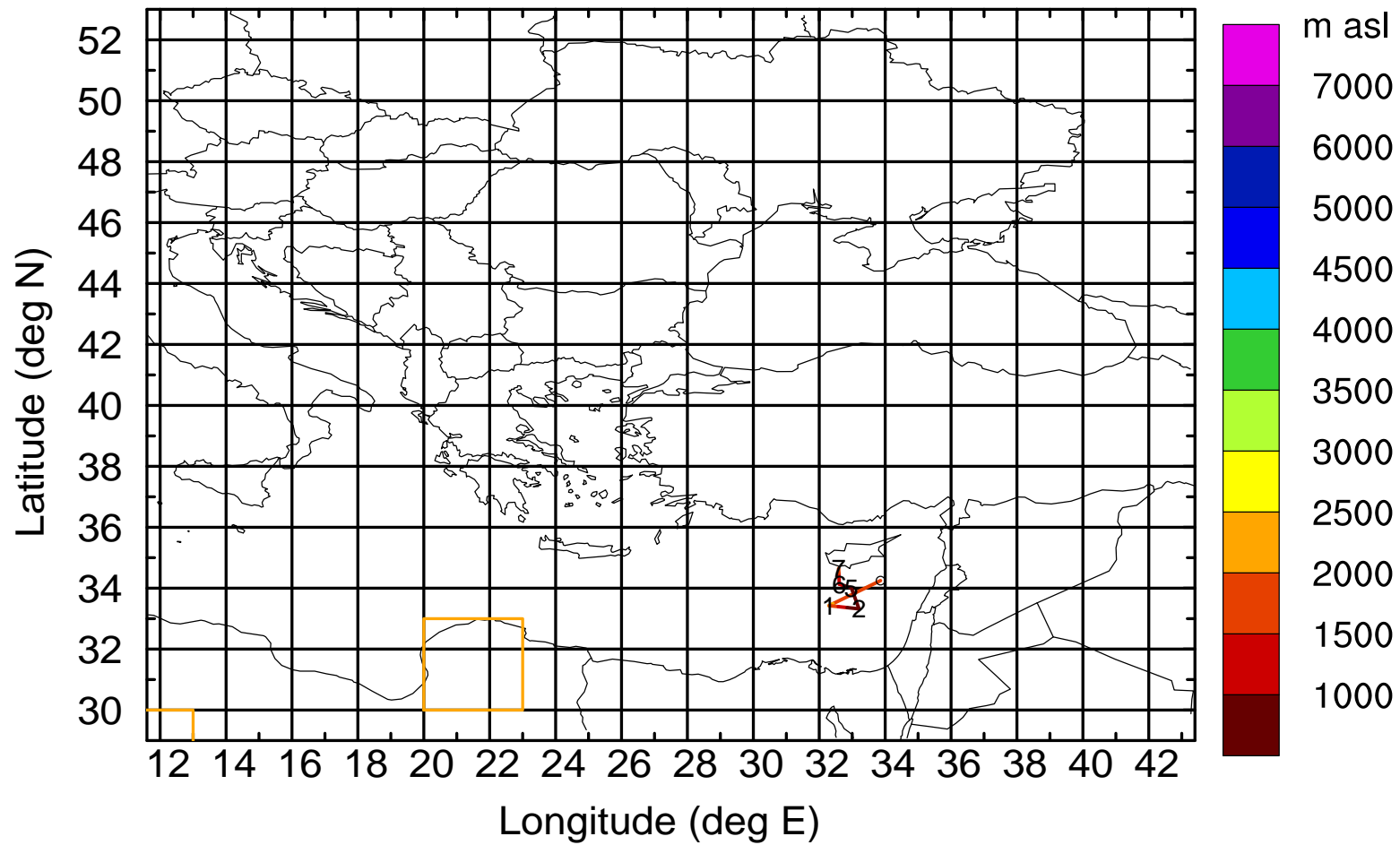
STS ground station 20170401

BWD 20170401/21 -21H = 01/00 UTC



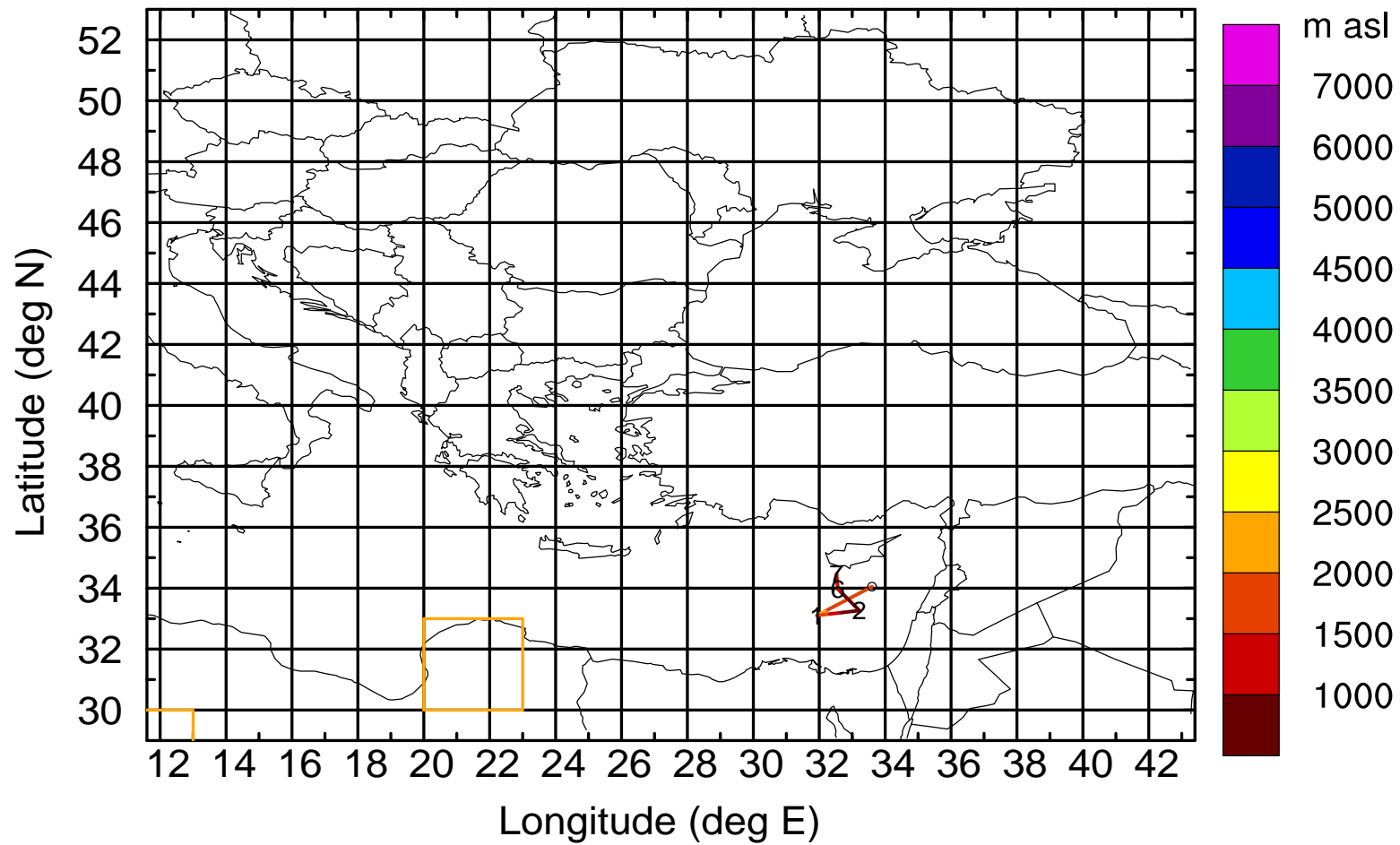
STS ground station 20170401

BWD 20170401/21 -22H = 00/23 UTC



STS ground station 20170401

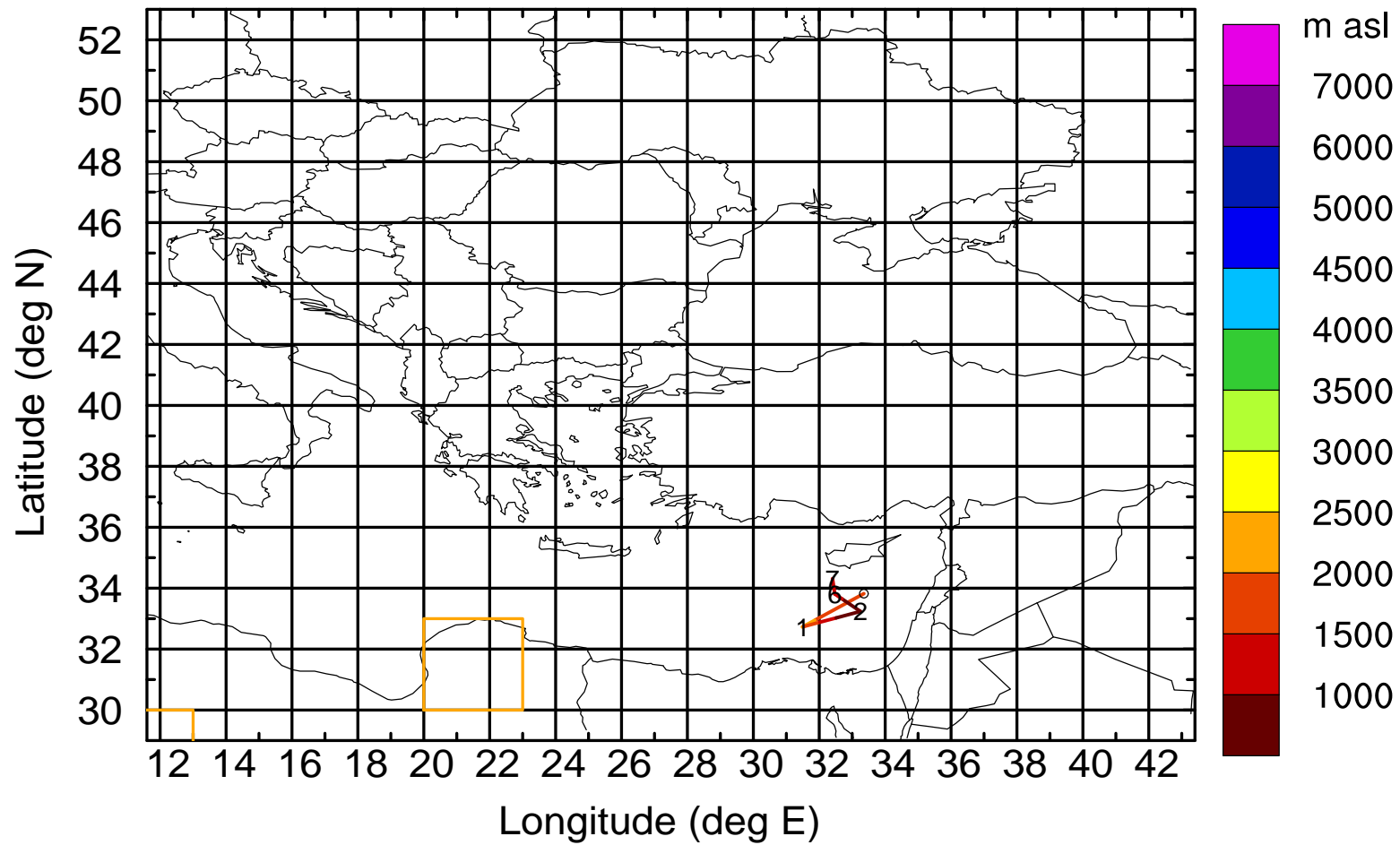
BWD 20170401/21 -23H = 00/22 UTC





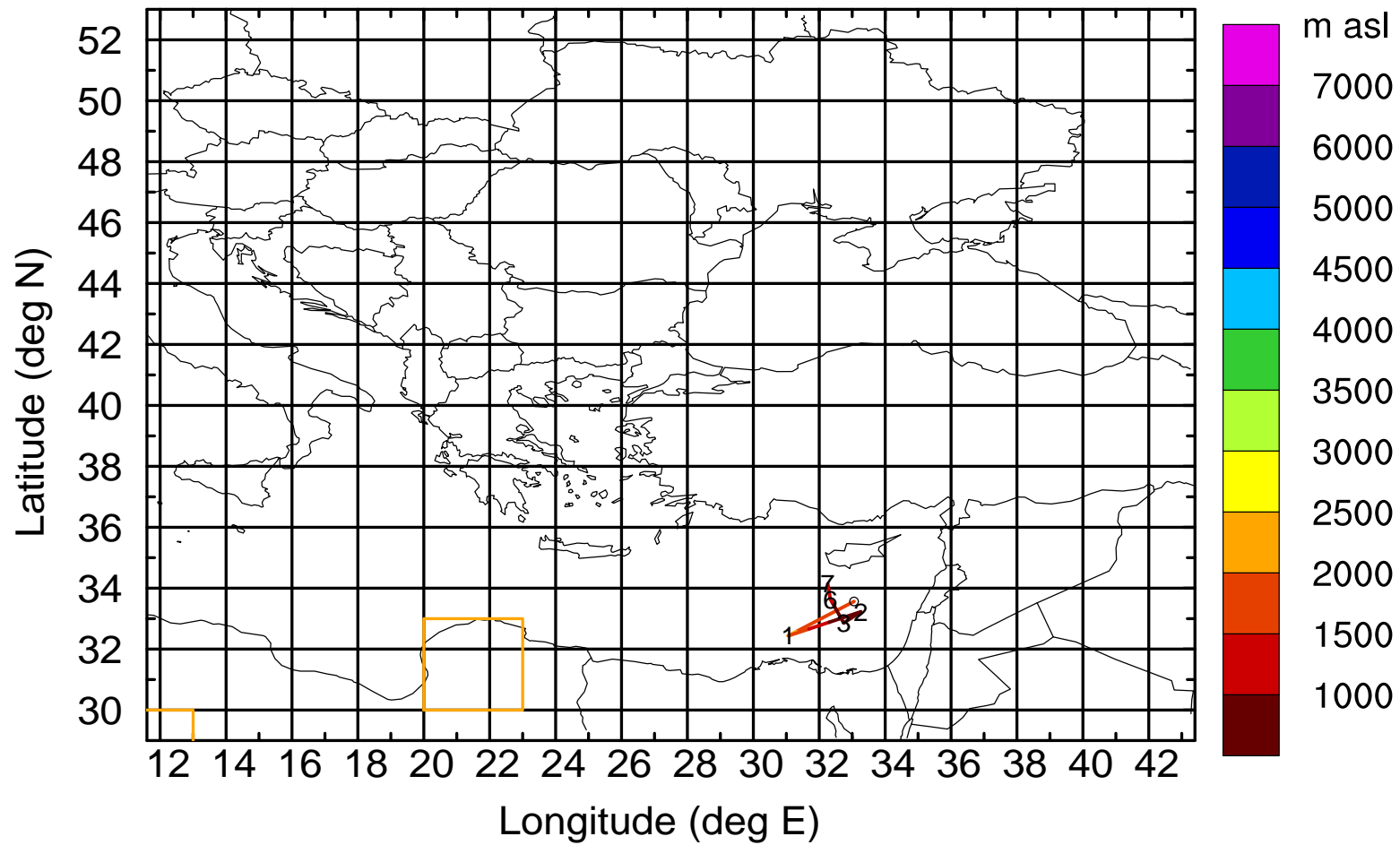
STS ground station 20170401

BWD 20170401/21 -24H = 00/21 UTC



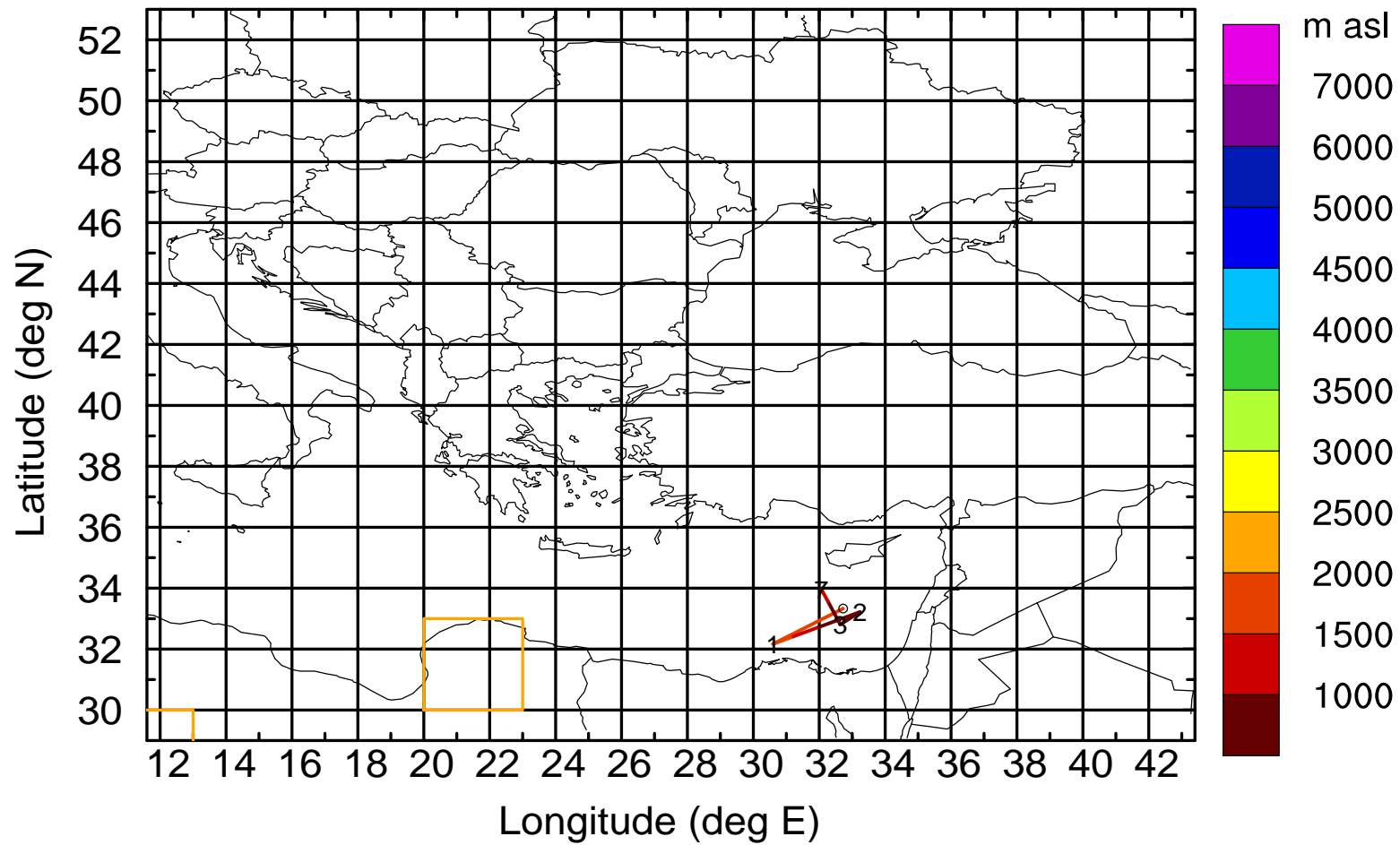
STS ground station 20170401

BWD 20170401/21 -25H = 00/20 UTC



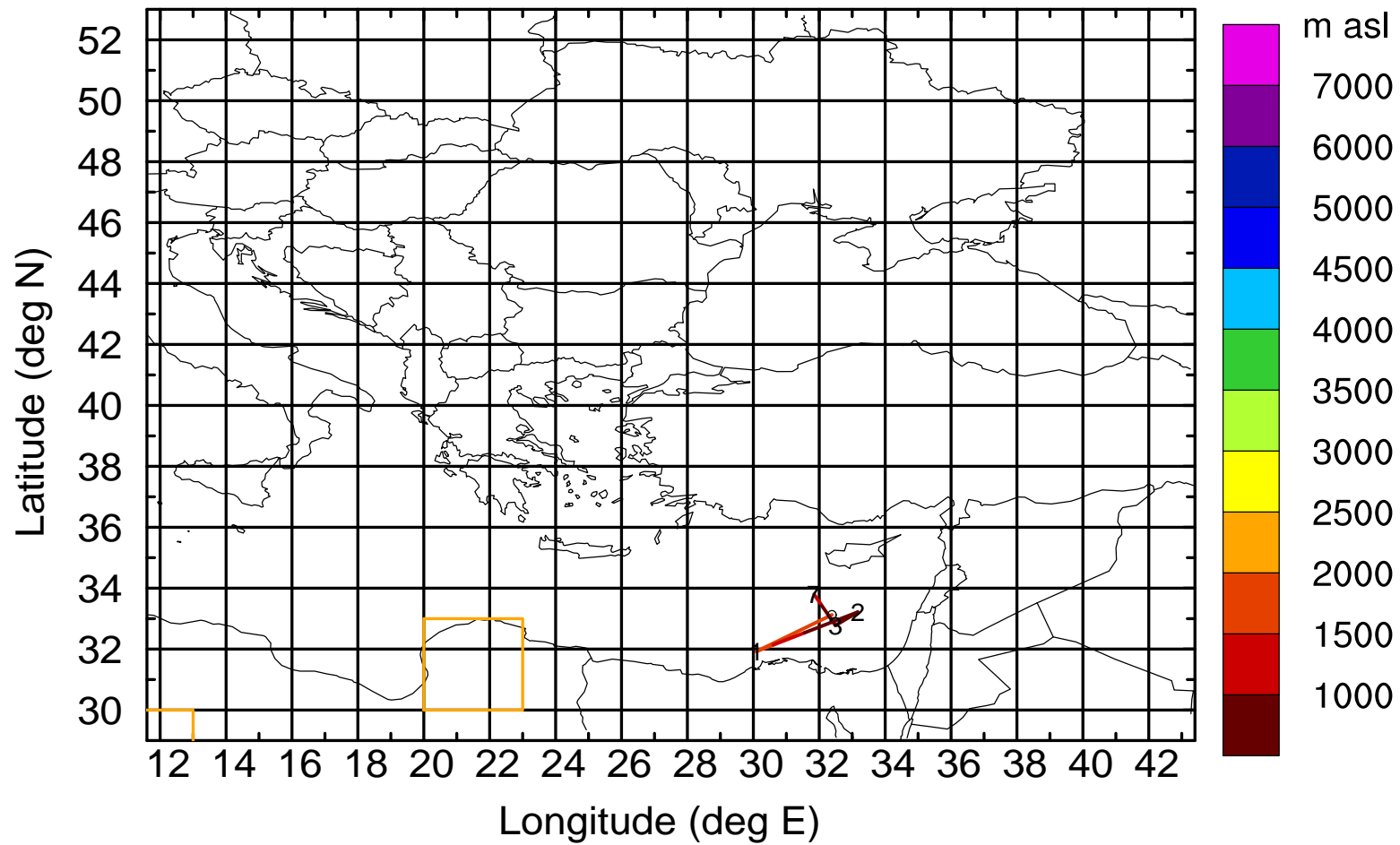
STS ground station 20170401

BWD 20170401/21 -26H = 00/19 UTC



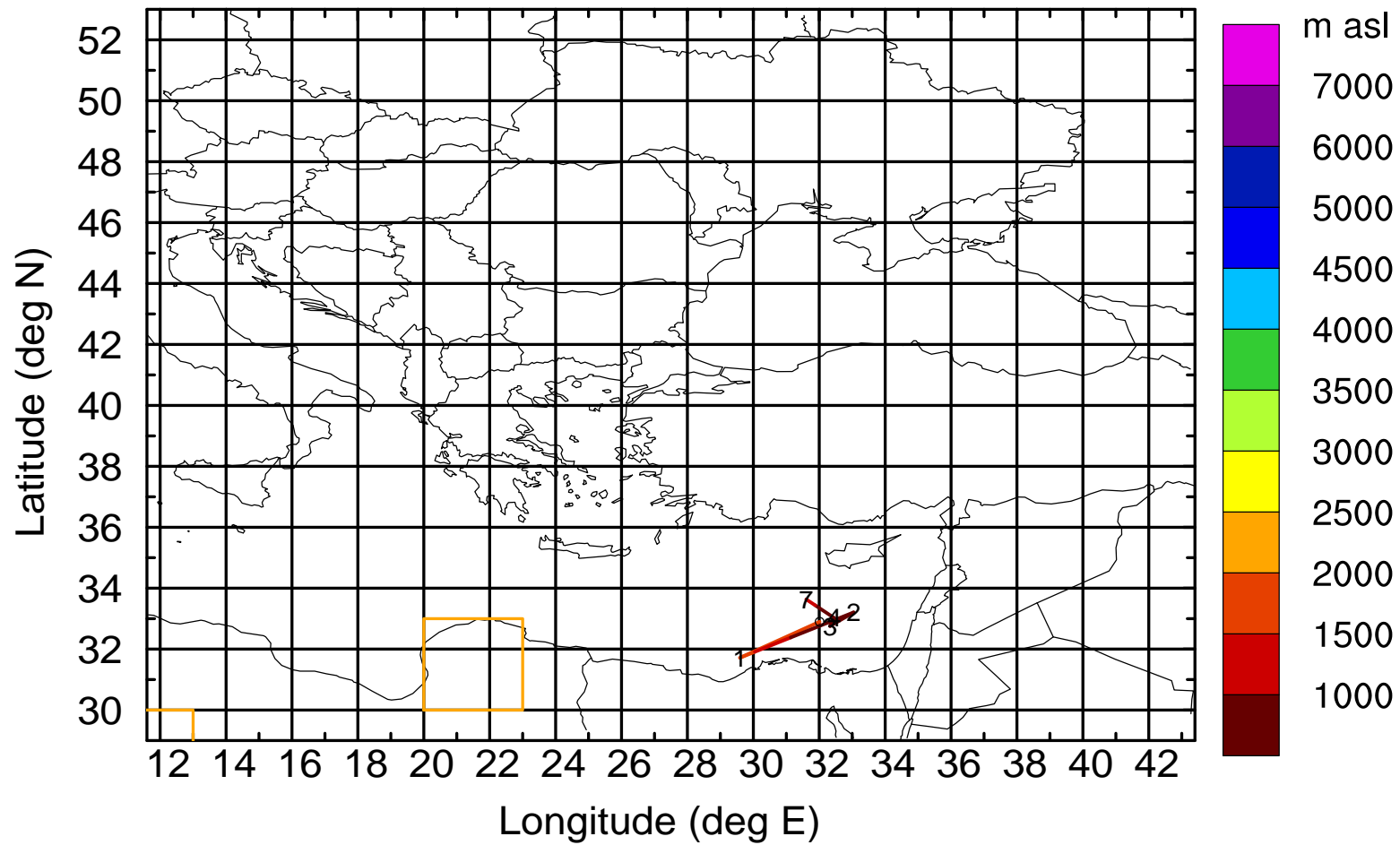
STS ground station 20170401

BWD 20170401/21 -27H = 00/18 UTC



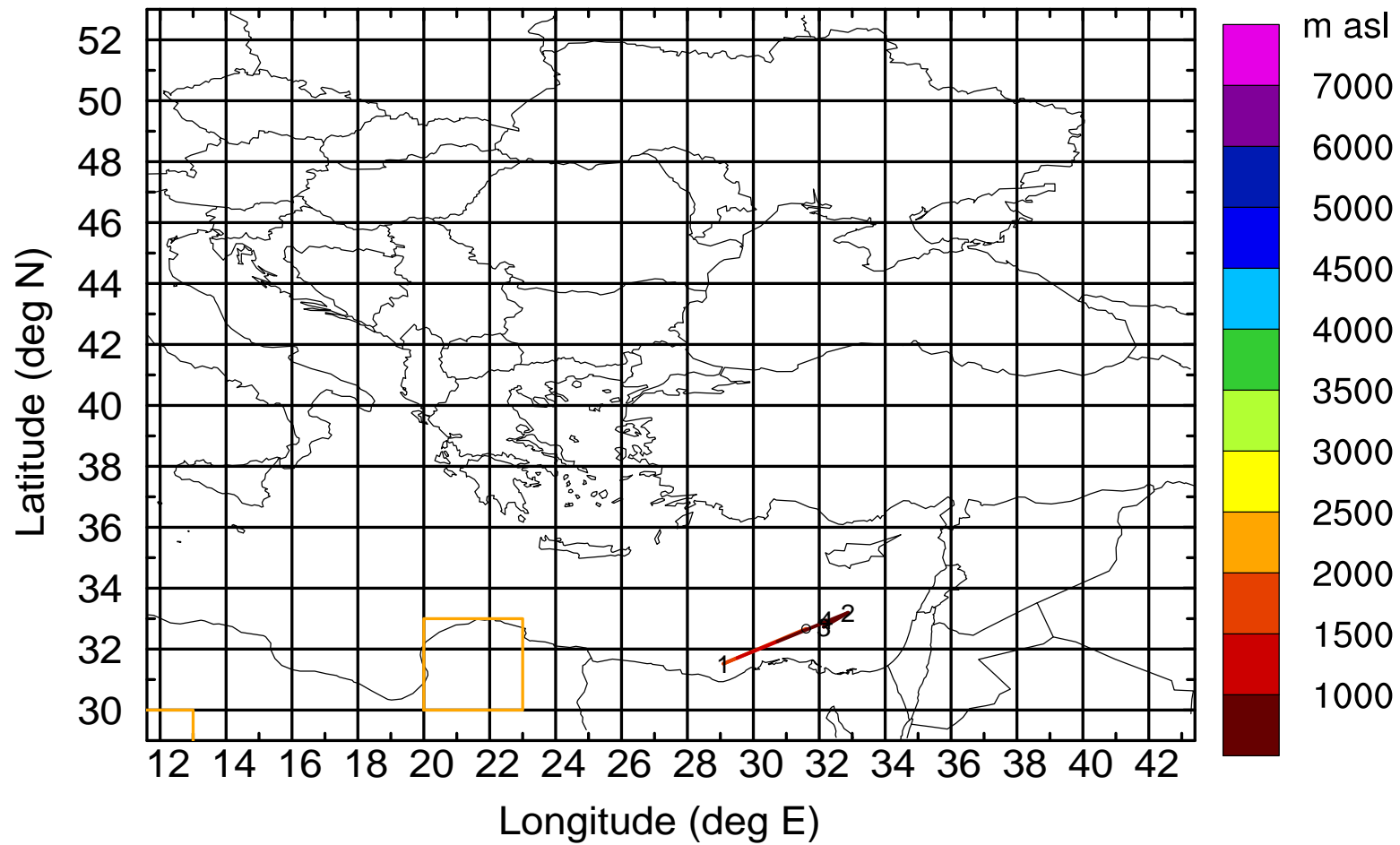
STS ground station 20170401

BWD 20170401/21 -28H = 00/17 UTC



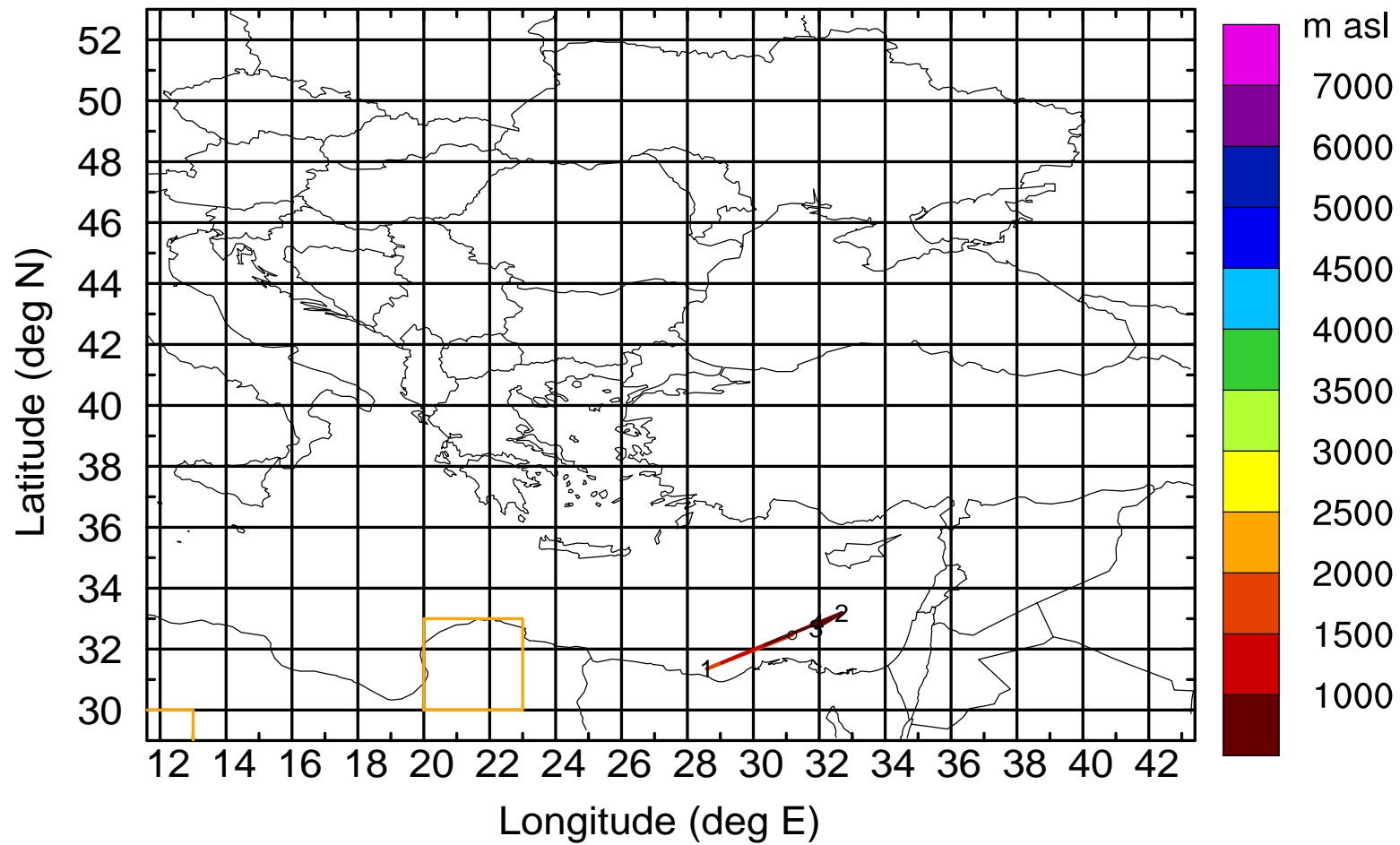
STS ground station 20170401

BWD 20170401/21 -29H = 00/16 UTC



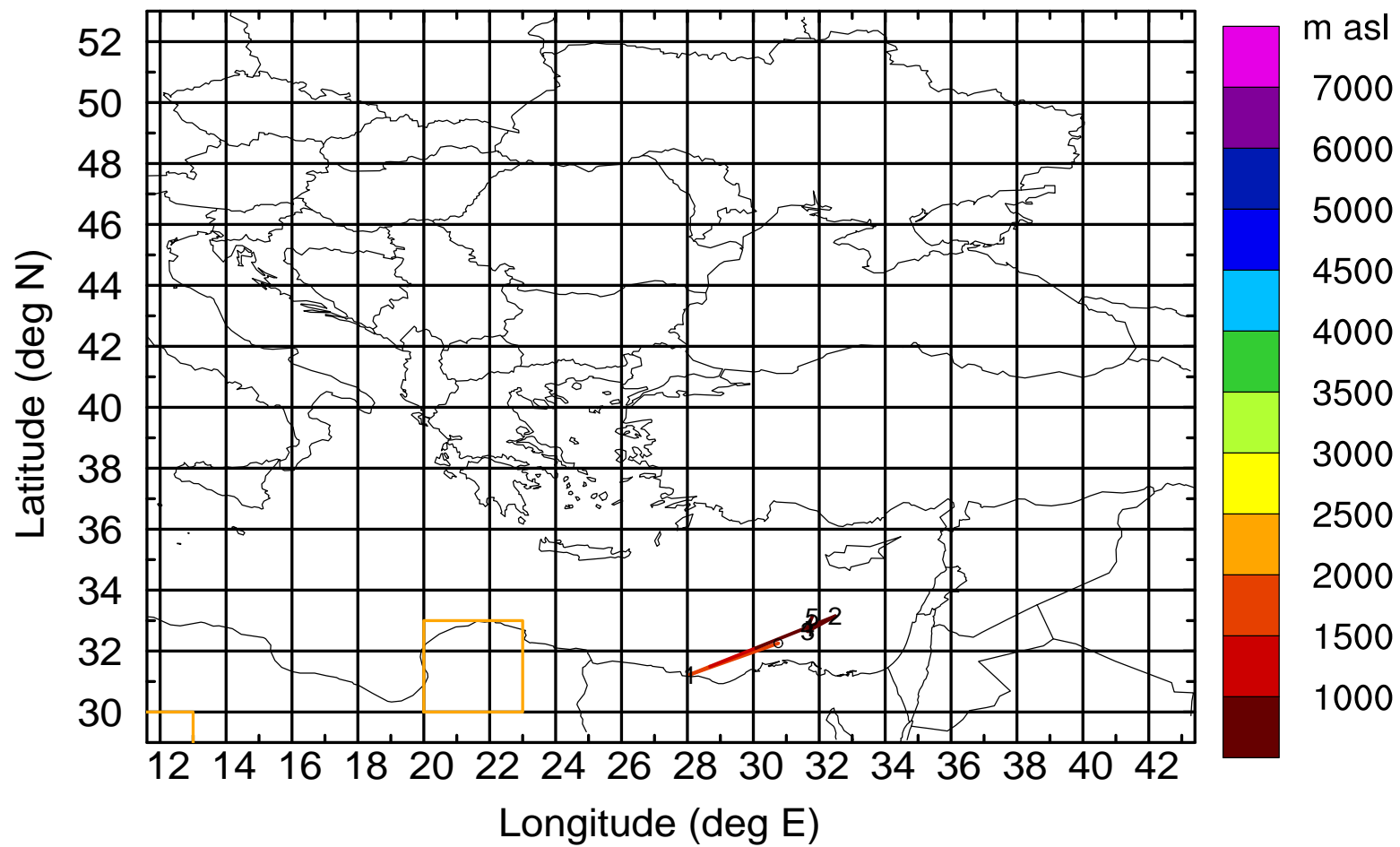
STS ground station 20170401

BWD 20170401/21 -30H = 00/15 UTC



STS ground station 20170401

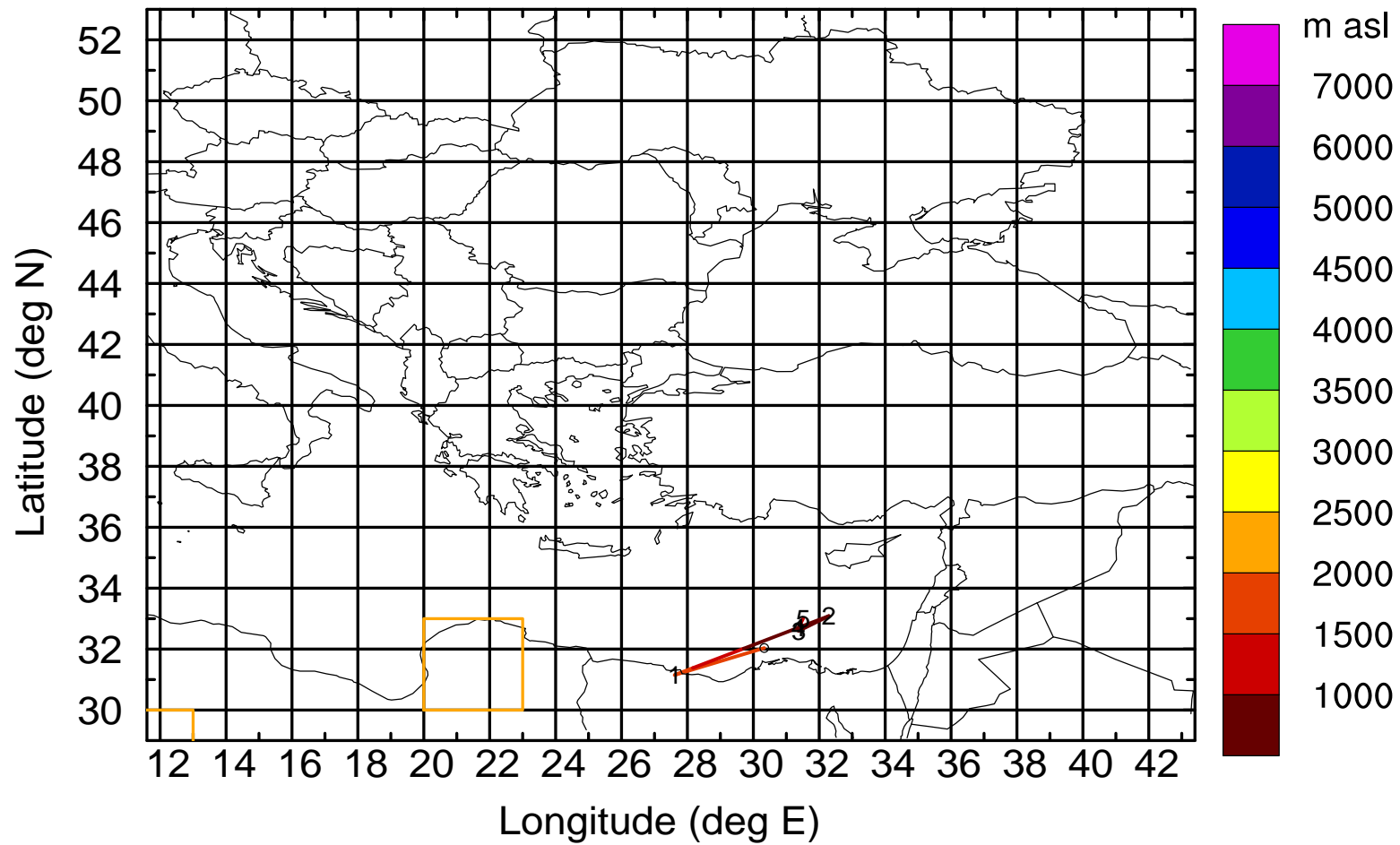
BWD 20170401/21 -31H = 00/14 UTC





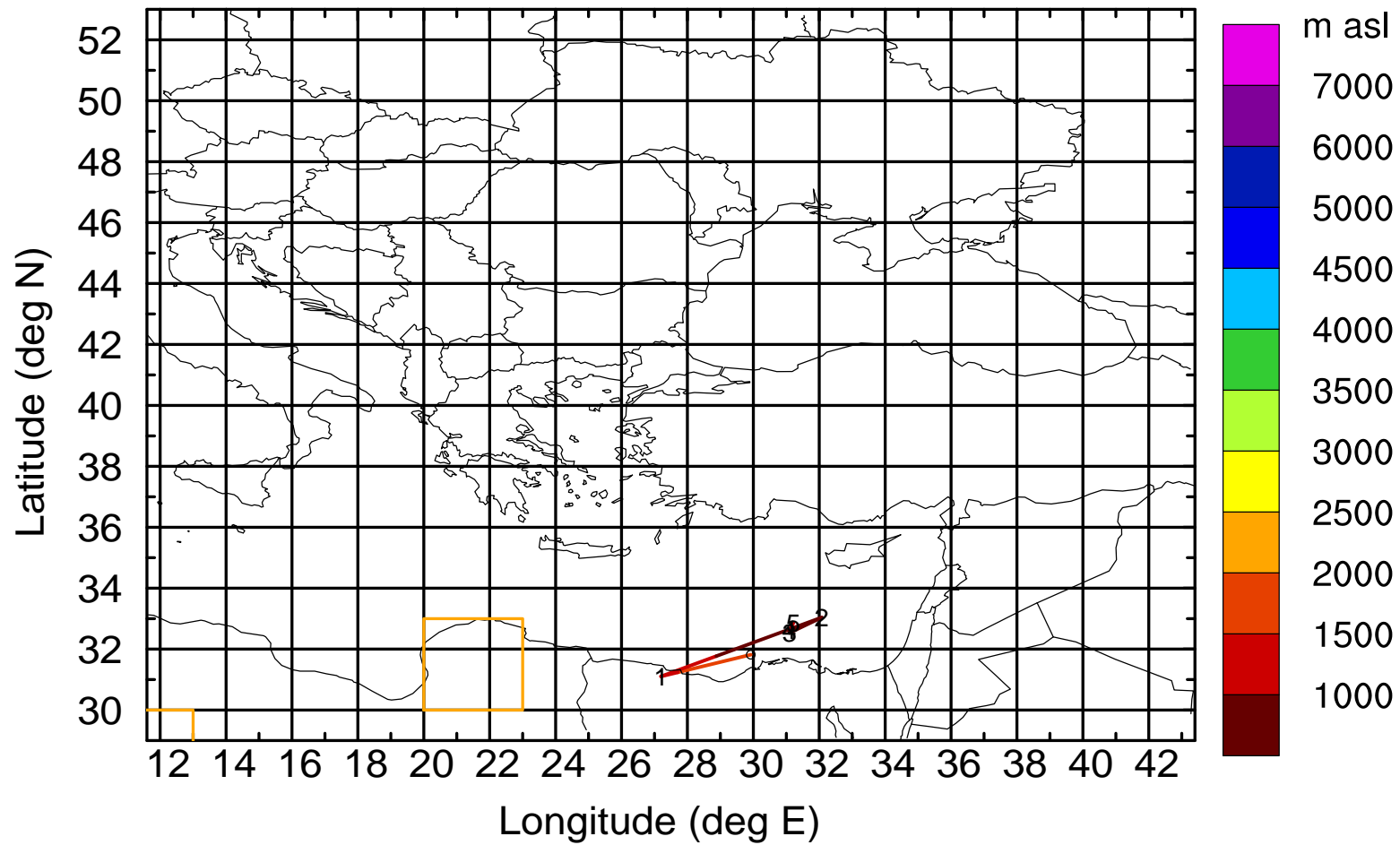
STS ground station 20170401

BWD 20170401/21 -32H = 00/13 UTC



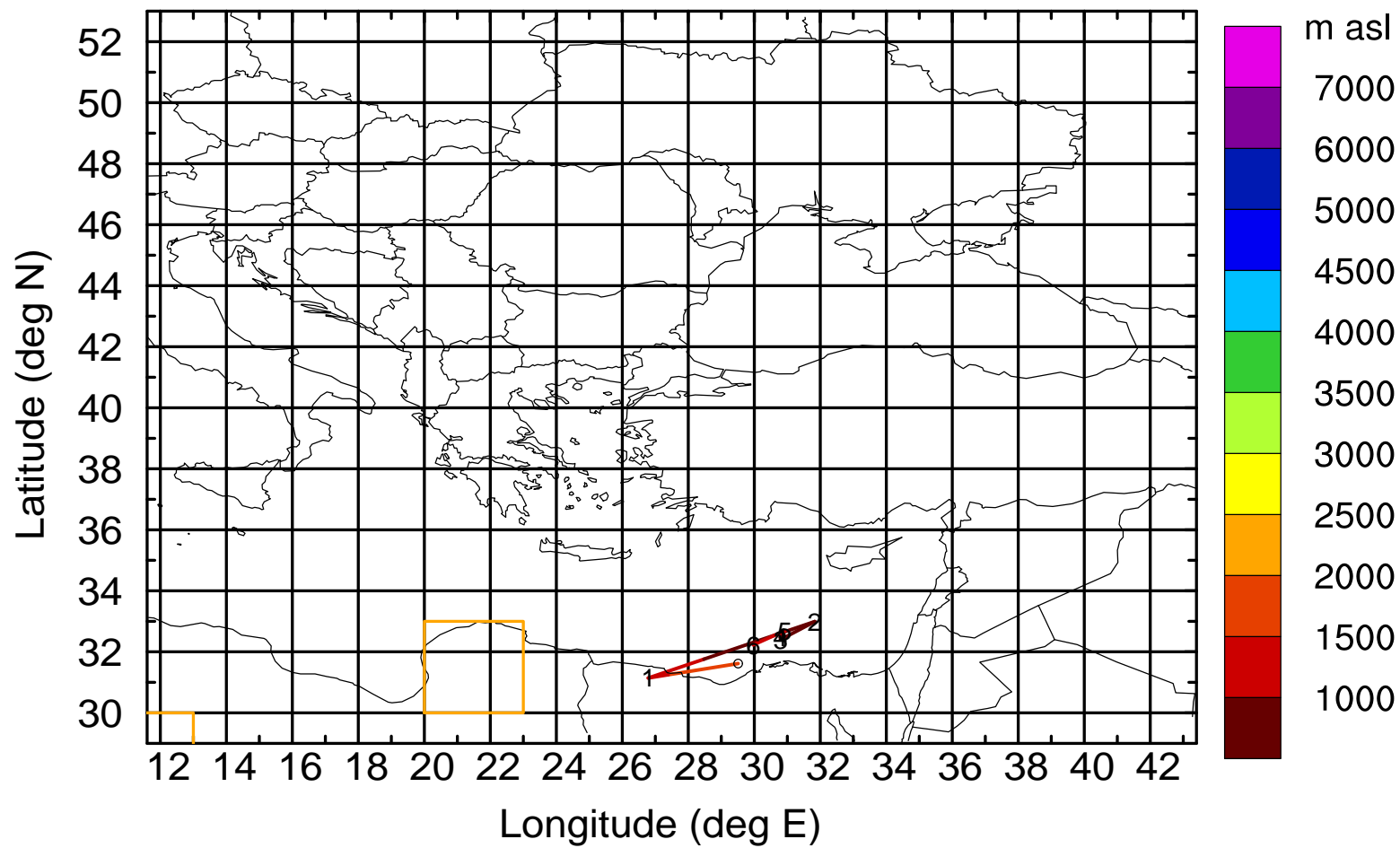
STS ground station 20170401

BWD 20170401/21 -33H = 00/12 UTC



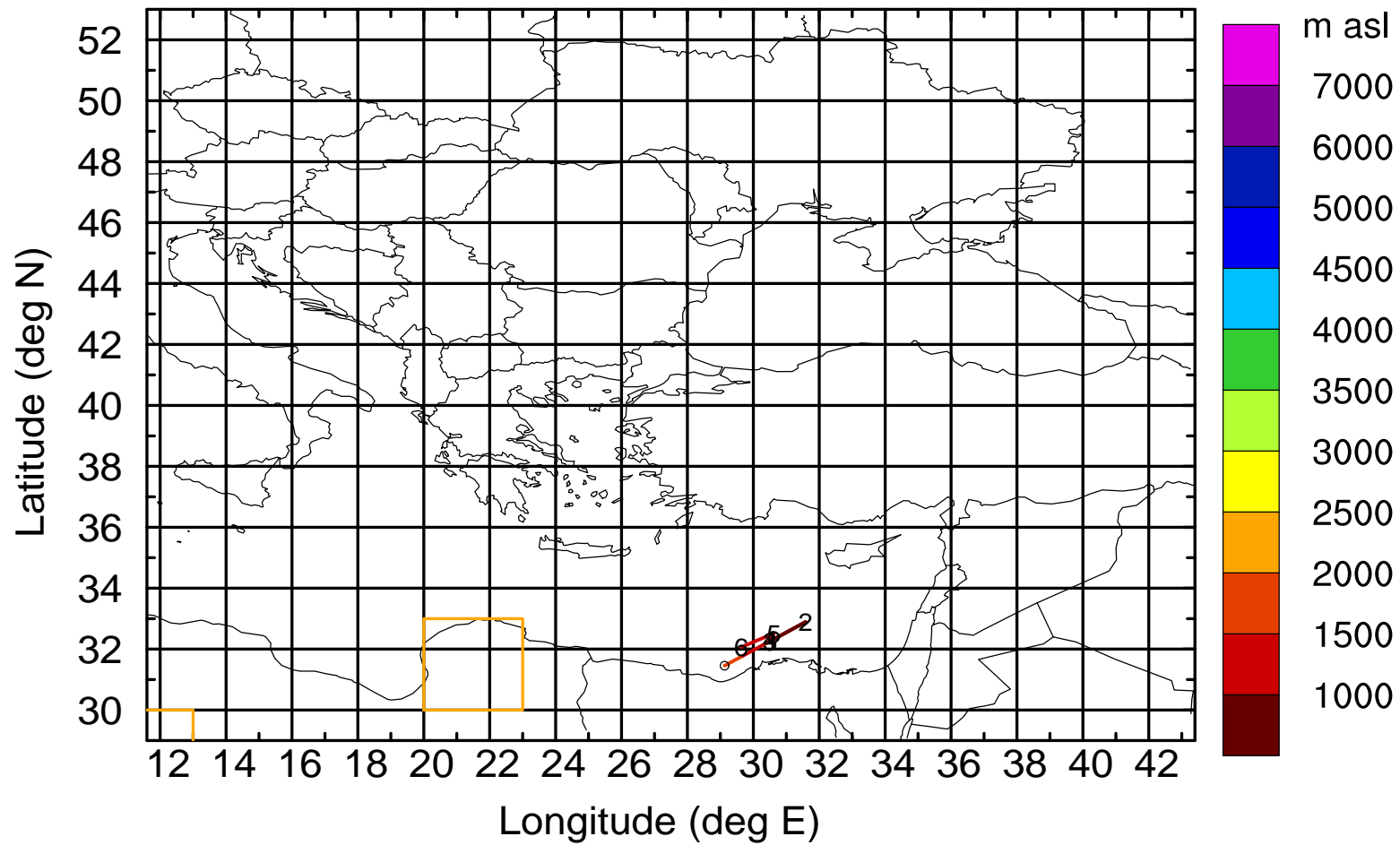
STS ground station 20170401

BWD 20170401/21 -34H = 00/11 UTC



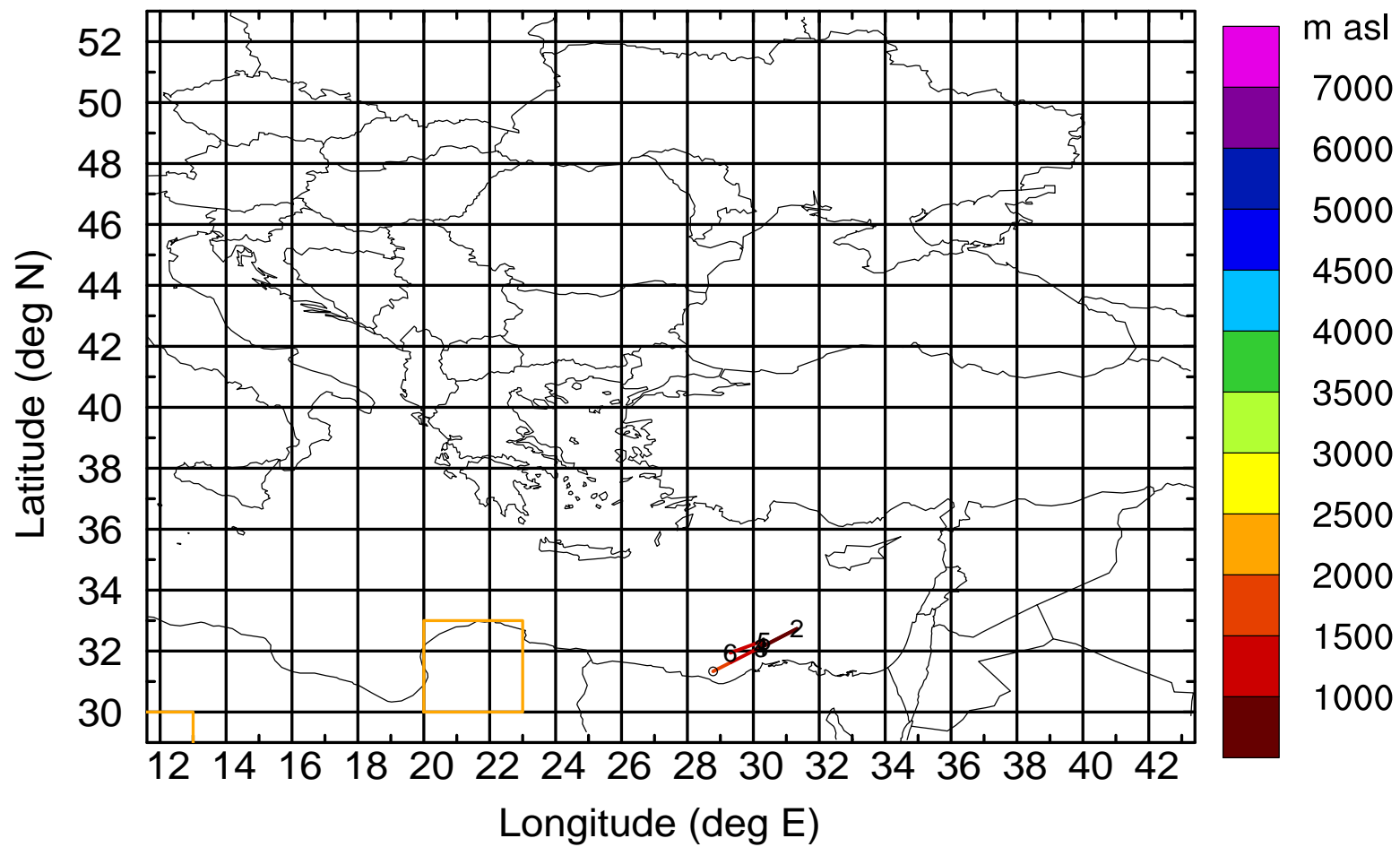
STS ground station 20170401

BWD 20170401/21 -35H = 00/10 UTC



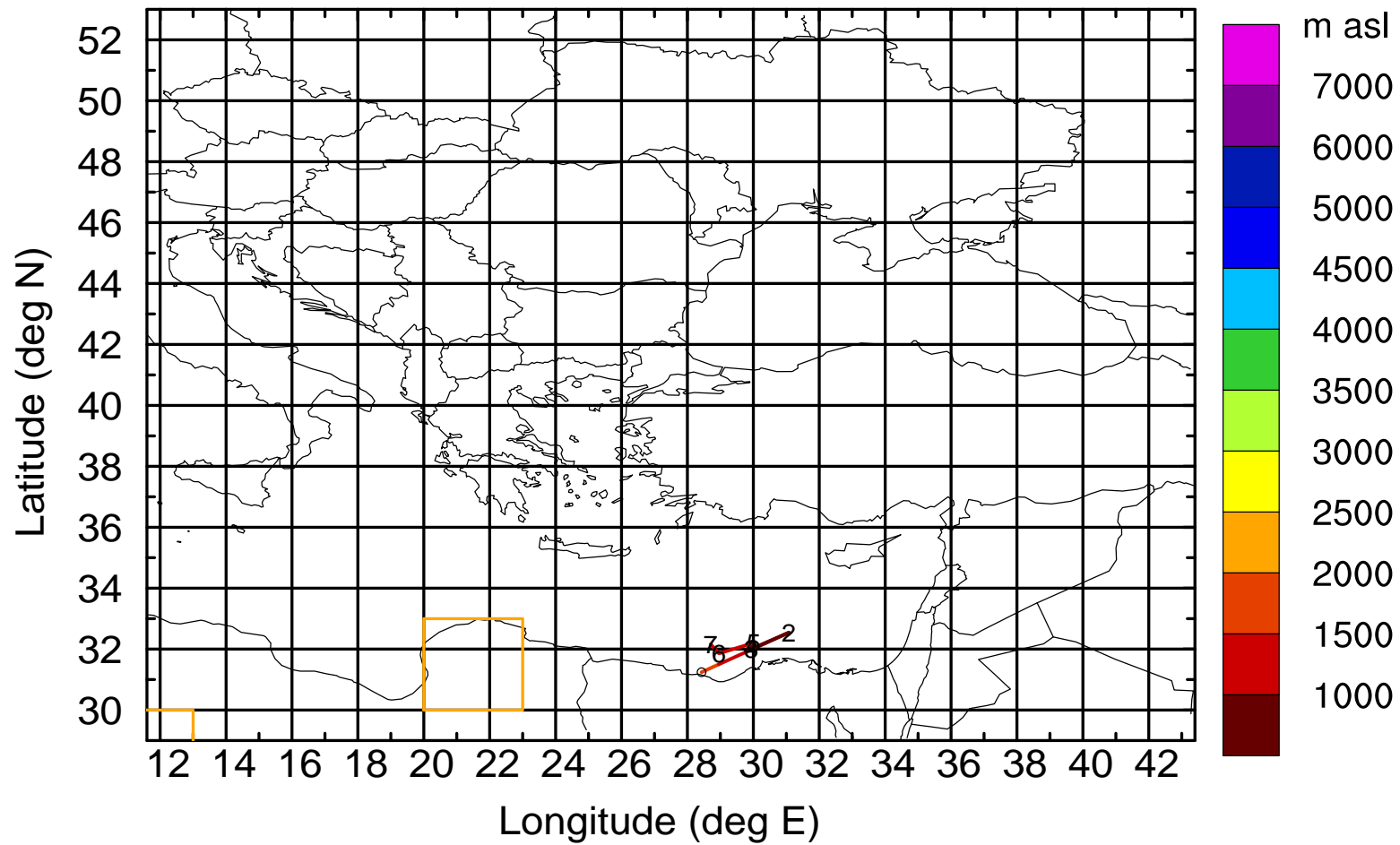
STS ground station 20170401

BWD 20170401/21 -36H = 00/09 UTC



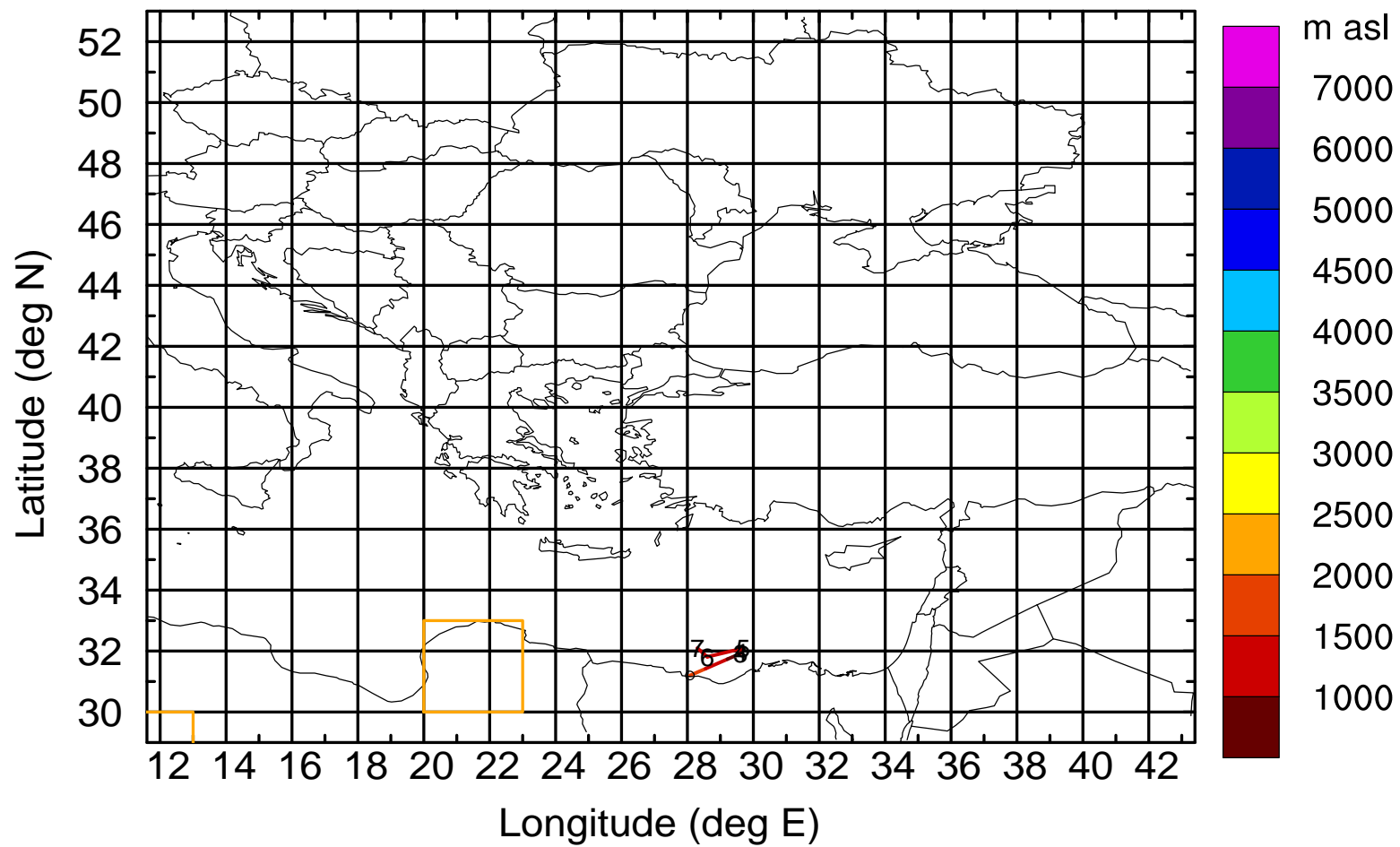
STS ground station 20170401

BWD 20170401/21 -37H = 00/08 UTC



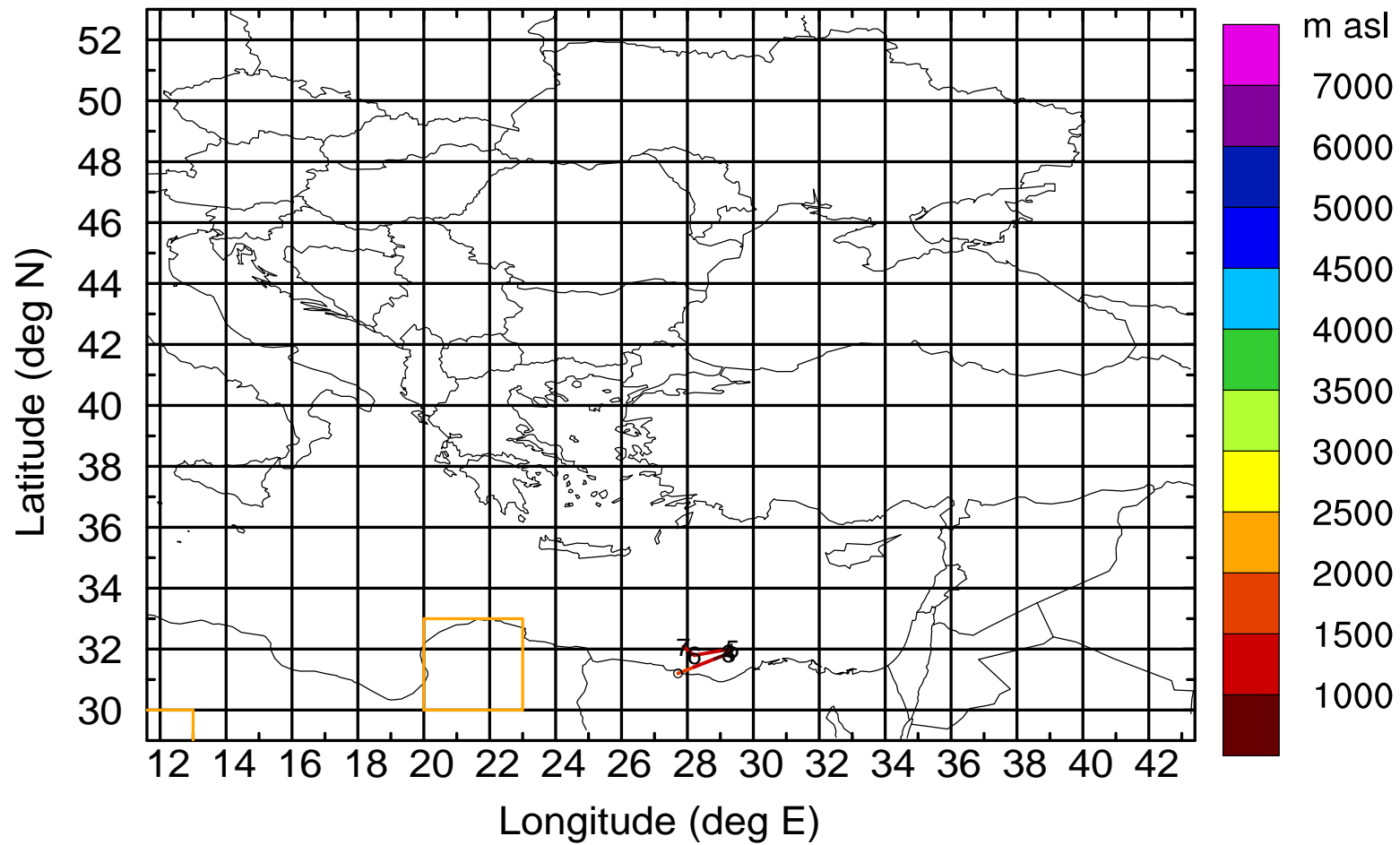
STS ground station 20170401

BWD 20170401/21 -38H = 00/07 UTC



STS ground station 20170401

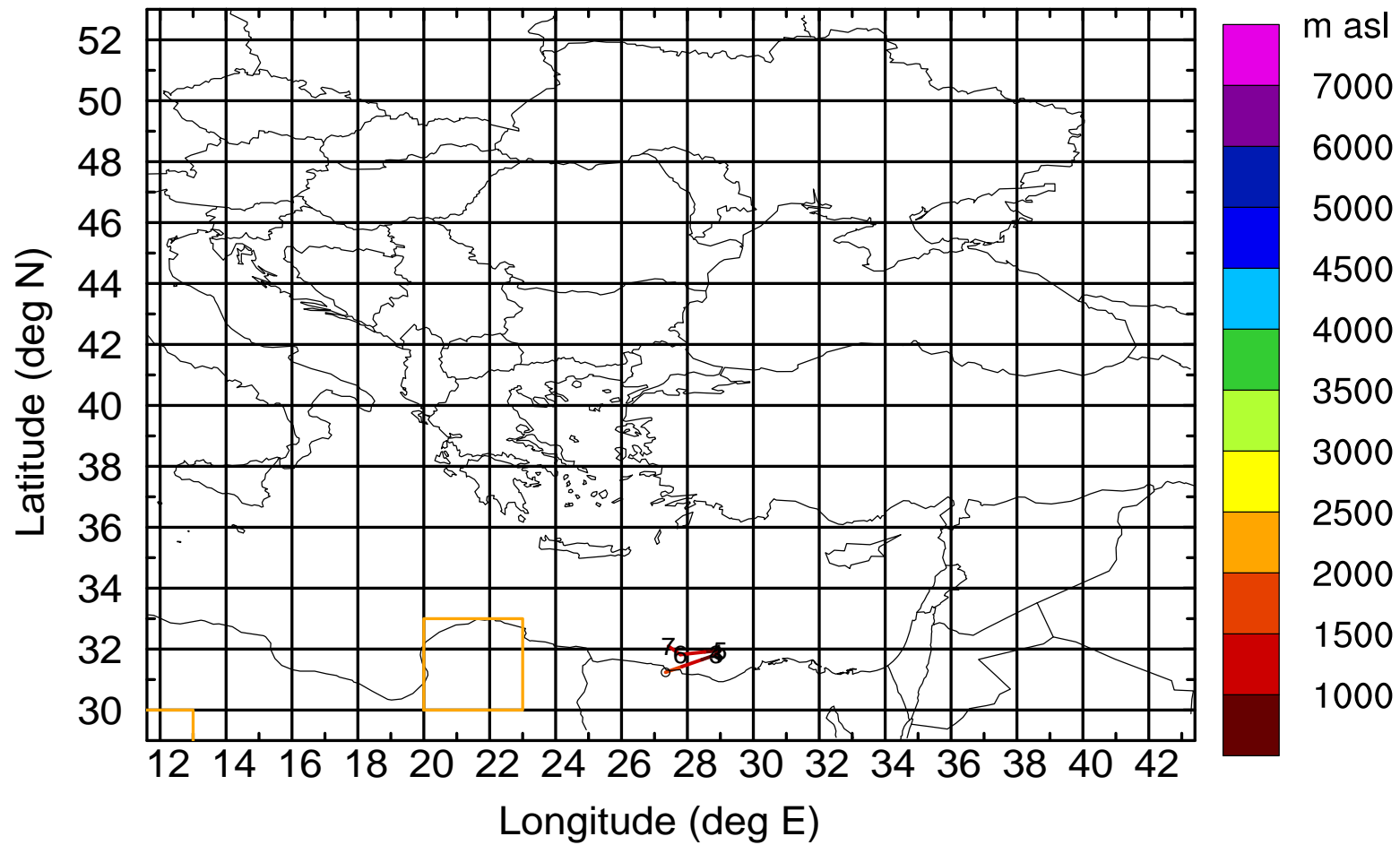
BWD 20170401/21 -39H = 00/06 UTC





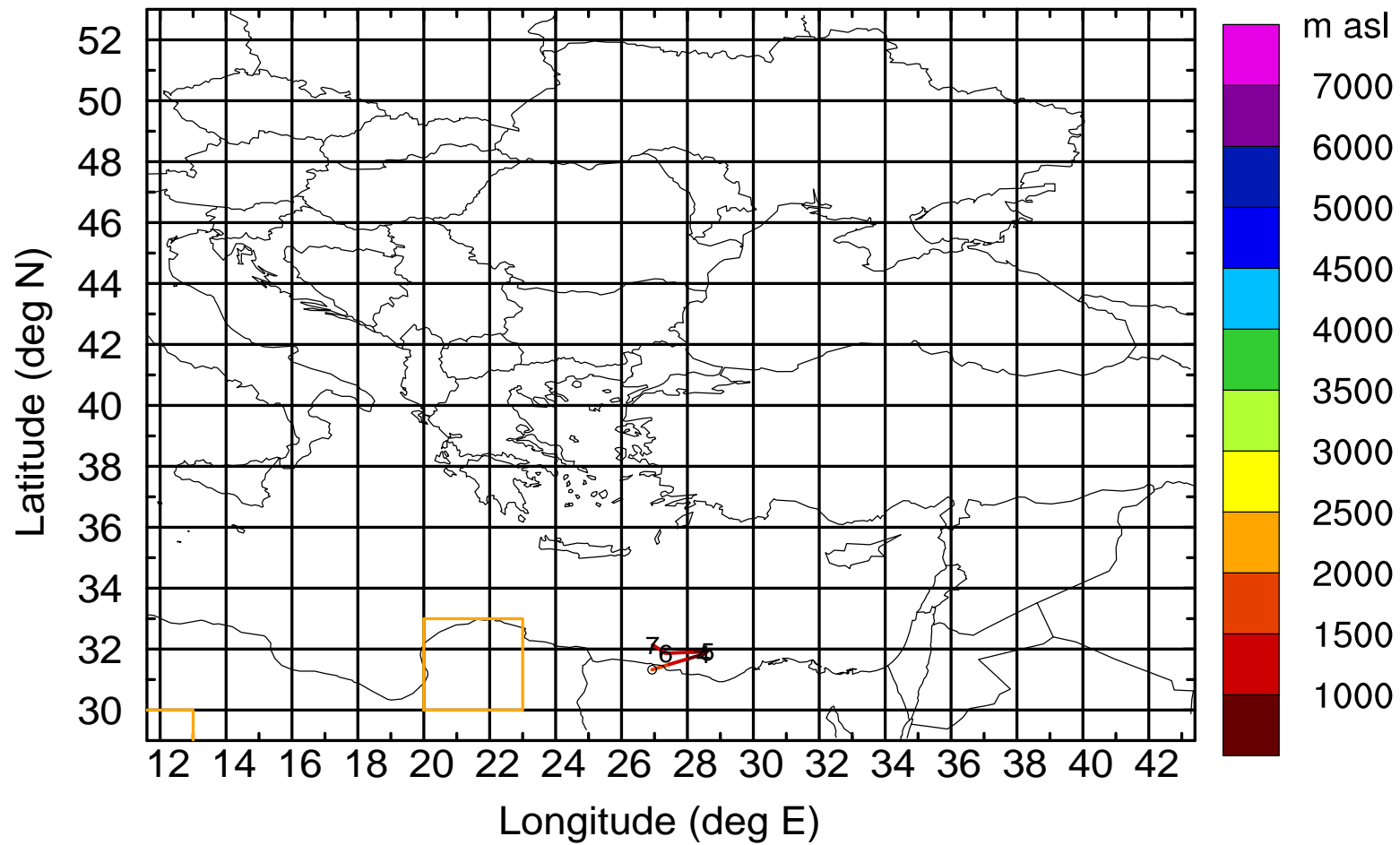
STS ground station 20170401

BWD 20170401/21 -40H = 00/05 UTC



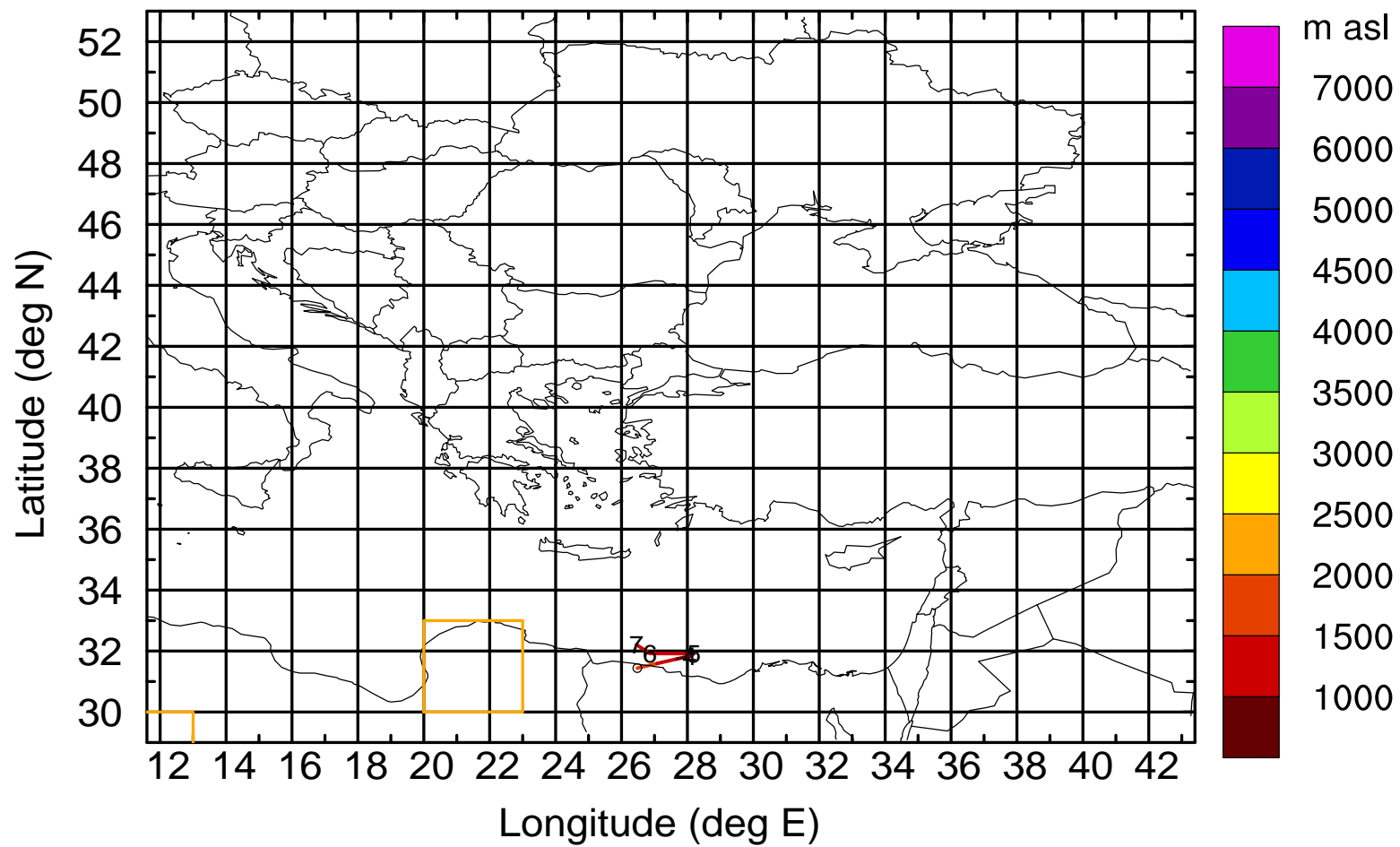
STS ground station 20170401

BWD 20170401/21 -41H = 00/04 UTC



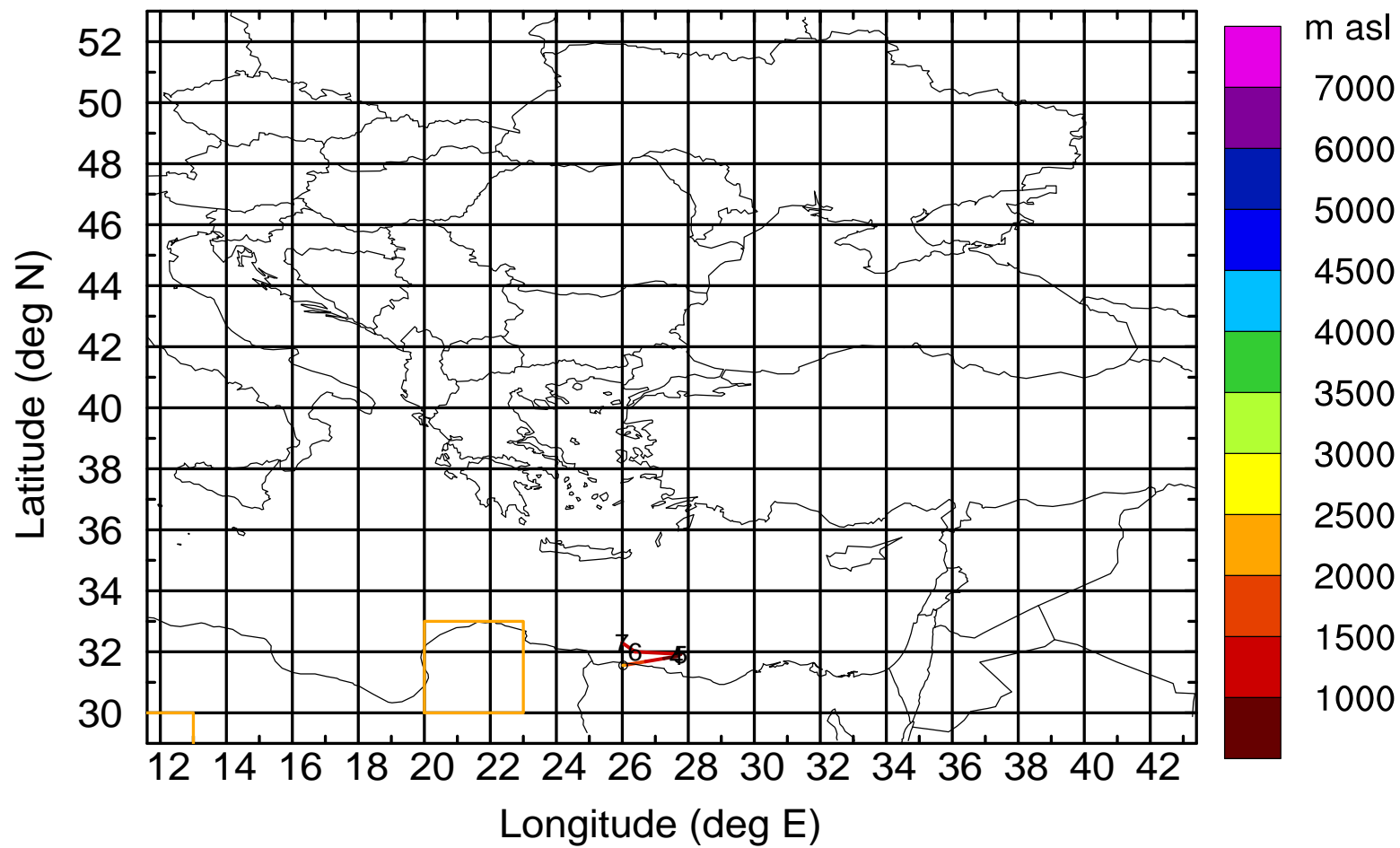
STS ground station 20170401

BWD 20170401/21 -42H = 00/03 UTC



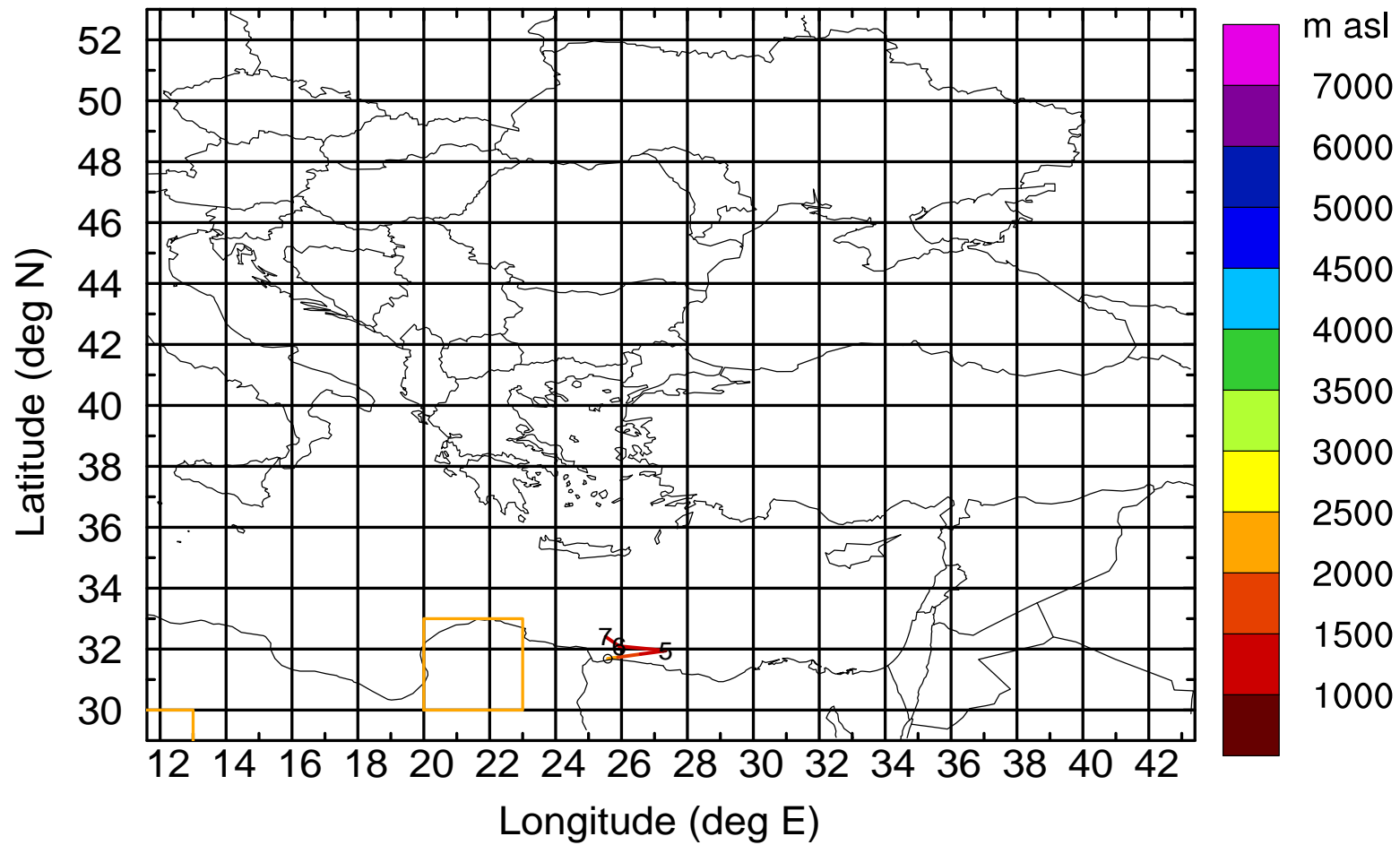
STS ground station 20170401

BWD 20170401/21 -43H = 00/02 UTC



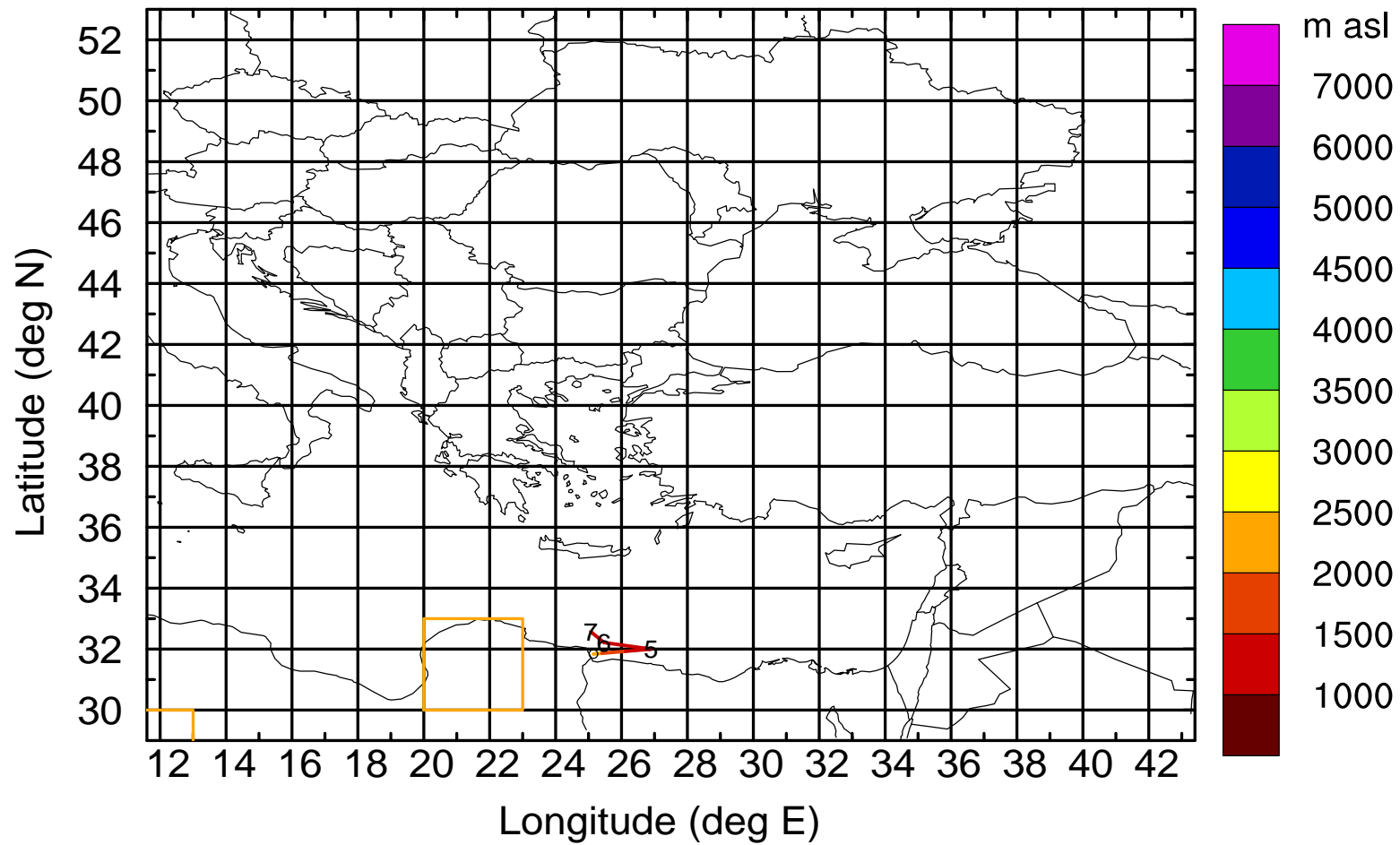
STS ground station 20170401

BWD 20170401/21 -44H = 00/01 UTC



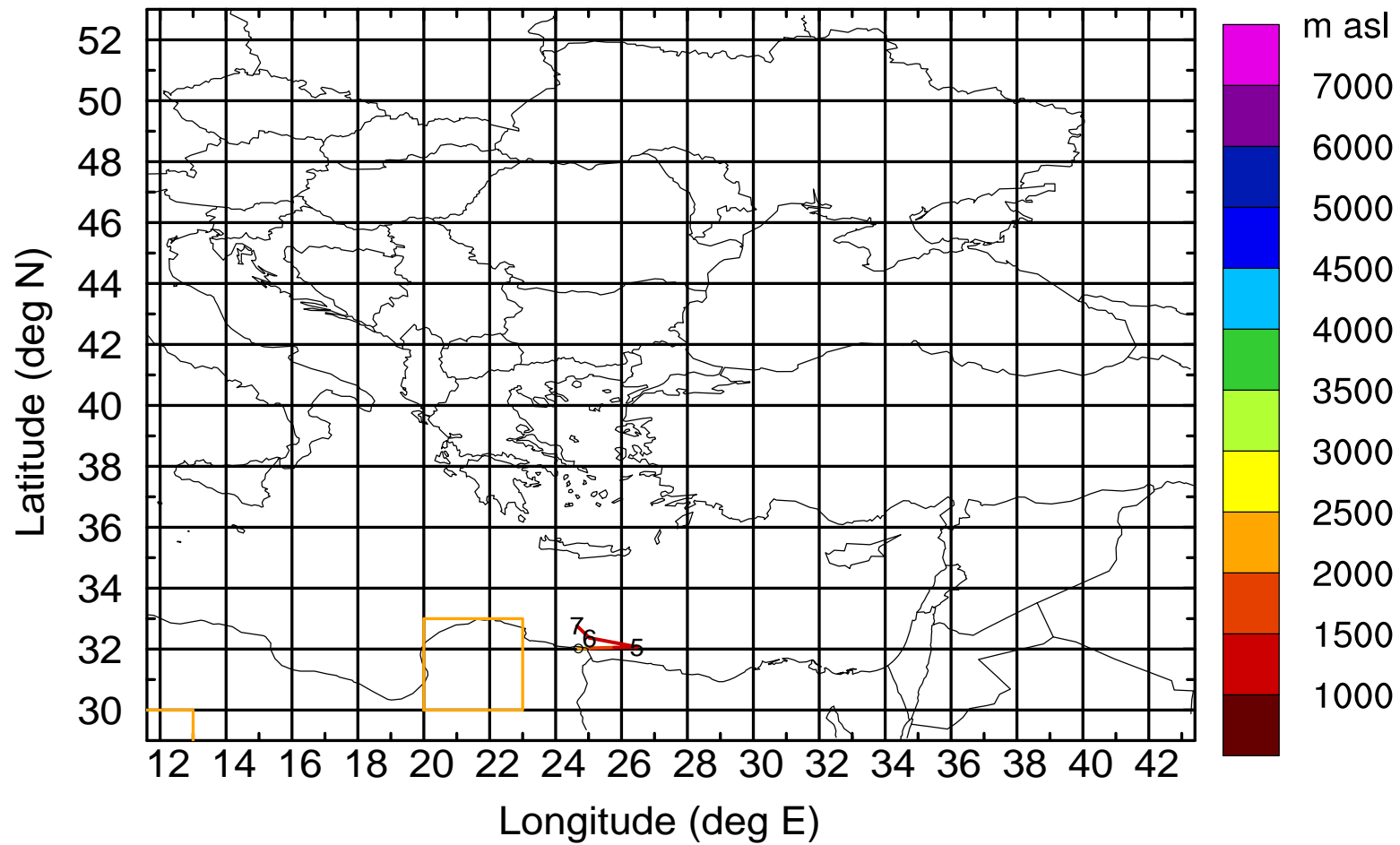
STS ground station 20170401

BWD 20170401/21 -45H = 00/00 UTC



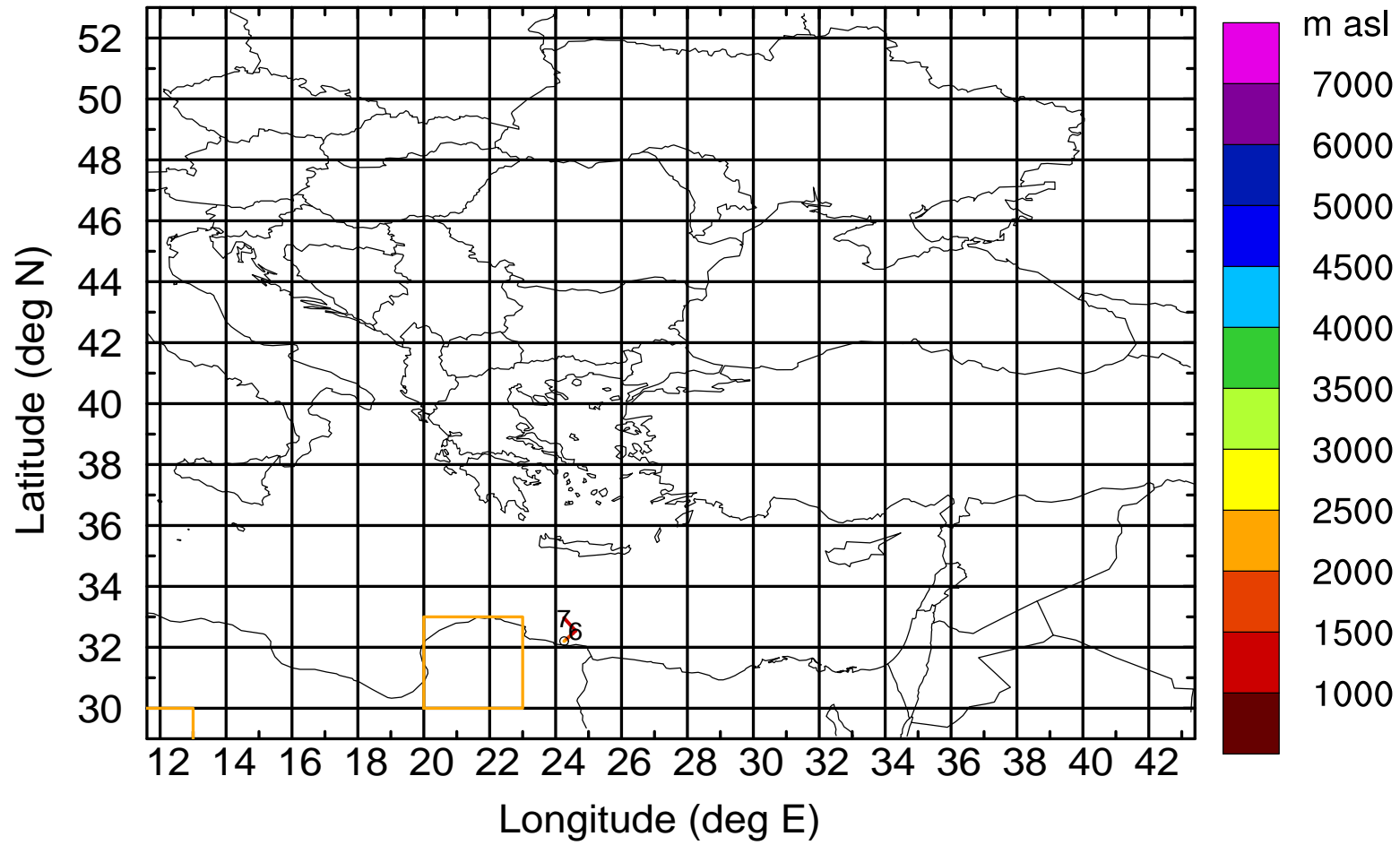
STS ground station 20170401

BWD 20170401/21 -46H = \*\*/23 UTC



STS ground station 20170401

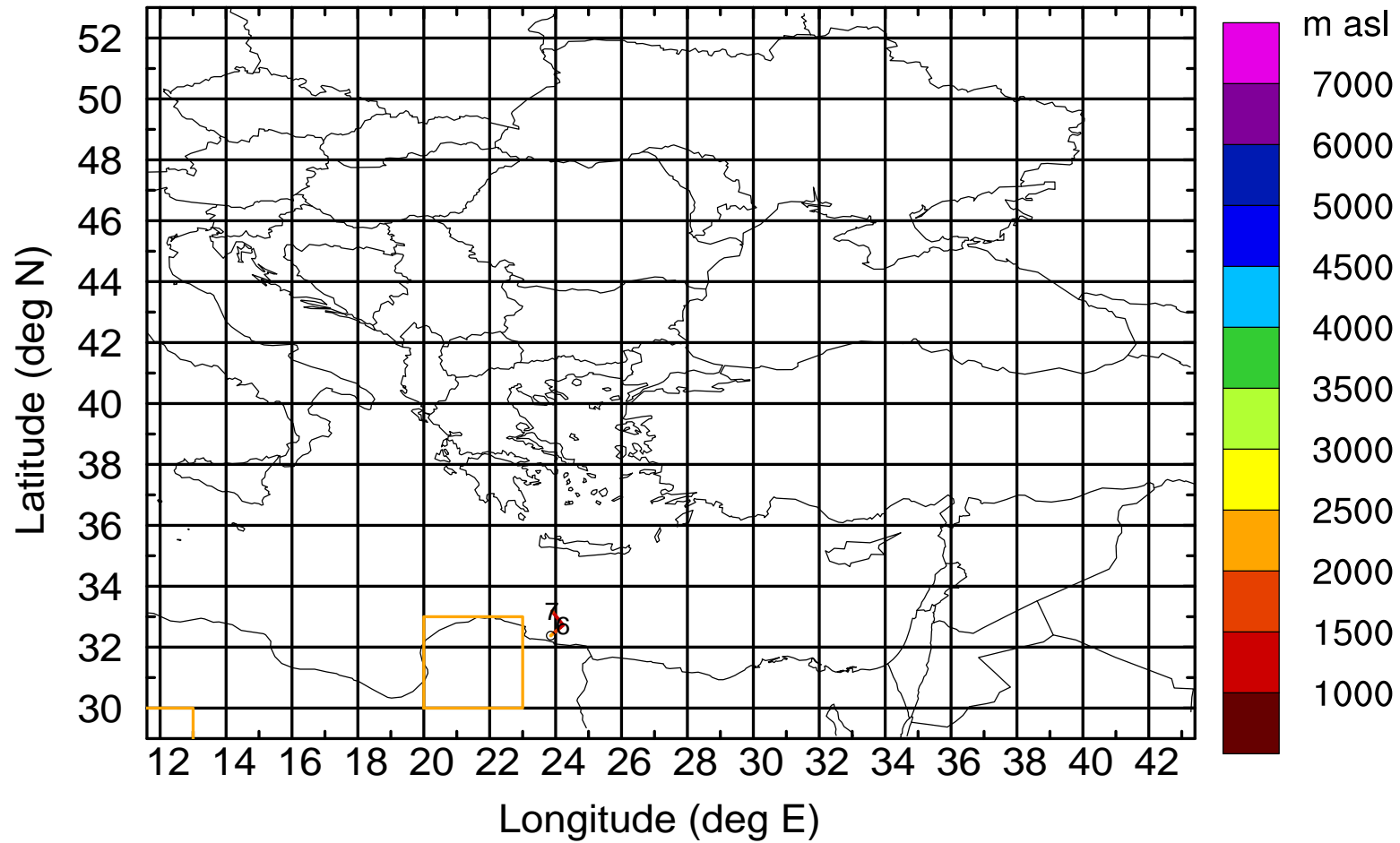
BWD 20170401/21 -47H = \*\*/22 UTC





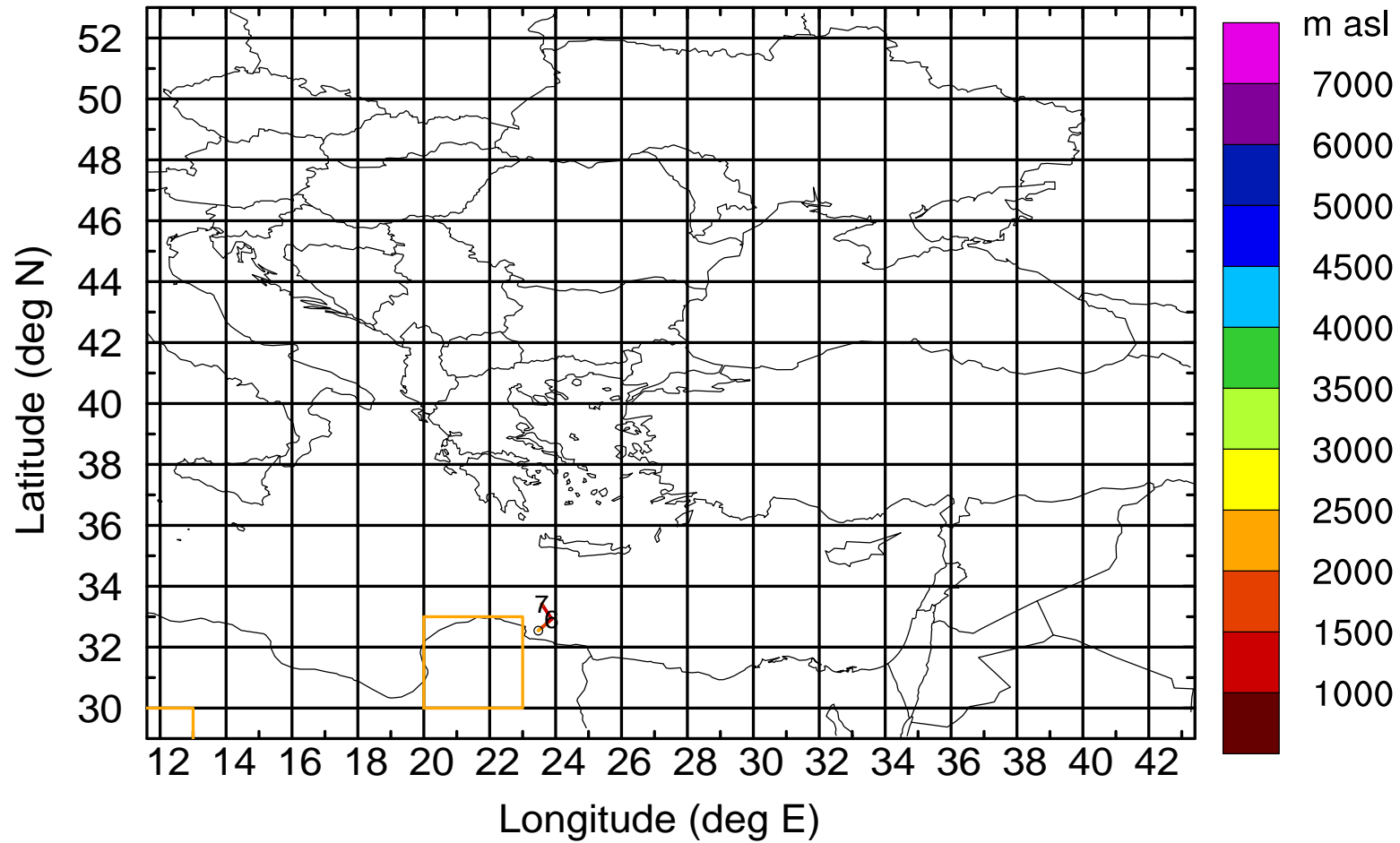
STS ground station 20170401

BWD 20170401/21 -48H = \*\*/21 UTC



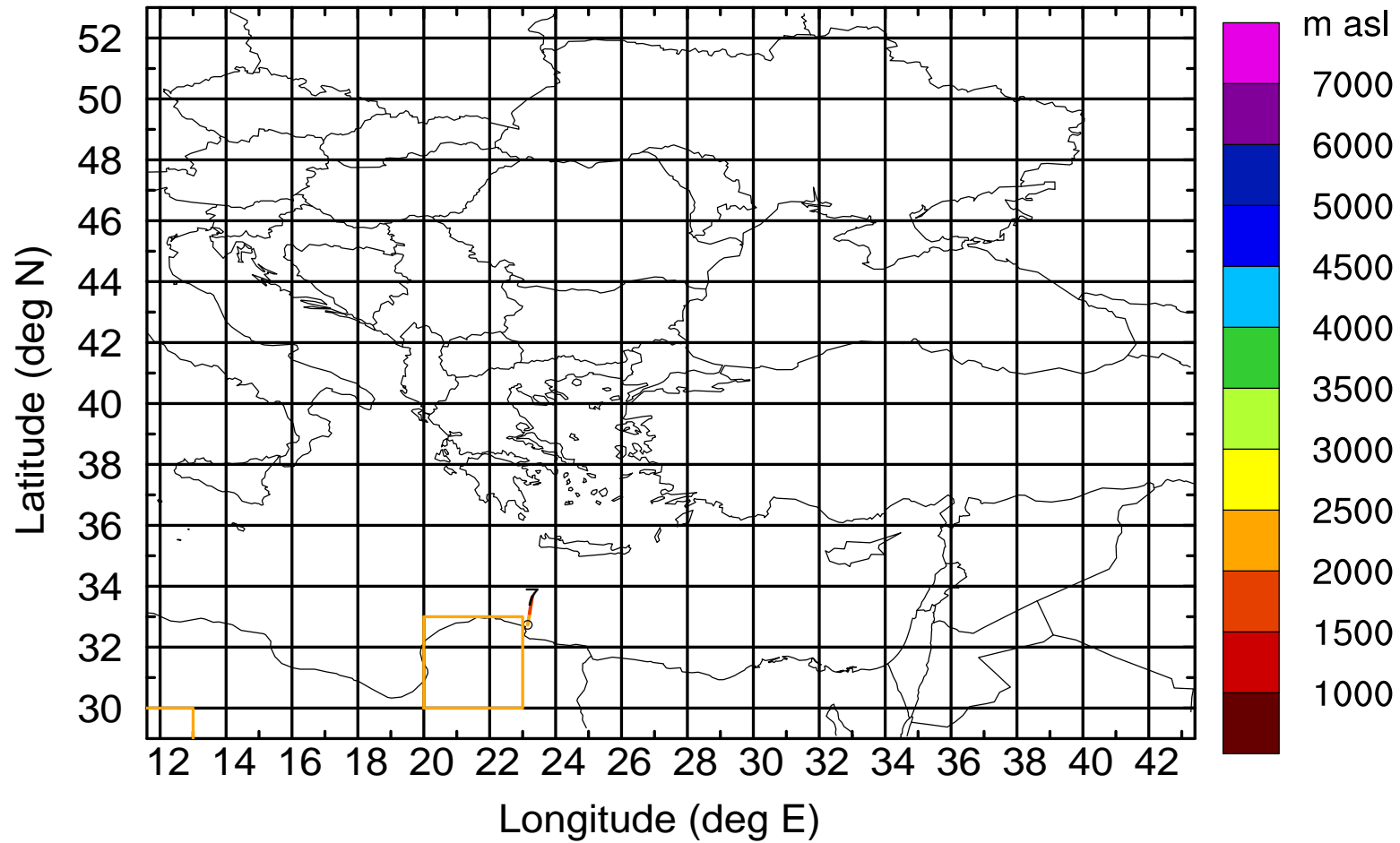
STS ground station 20170401

BWD 20170401/21 -49H = \*\*/20 UTC



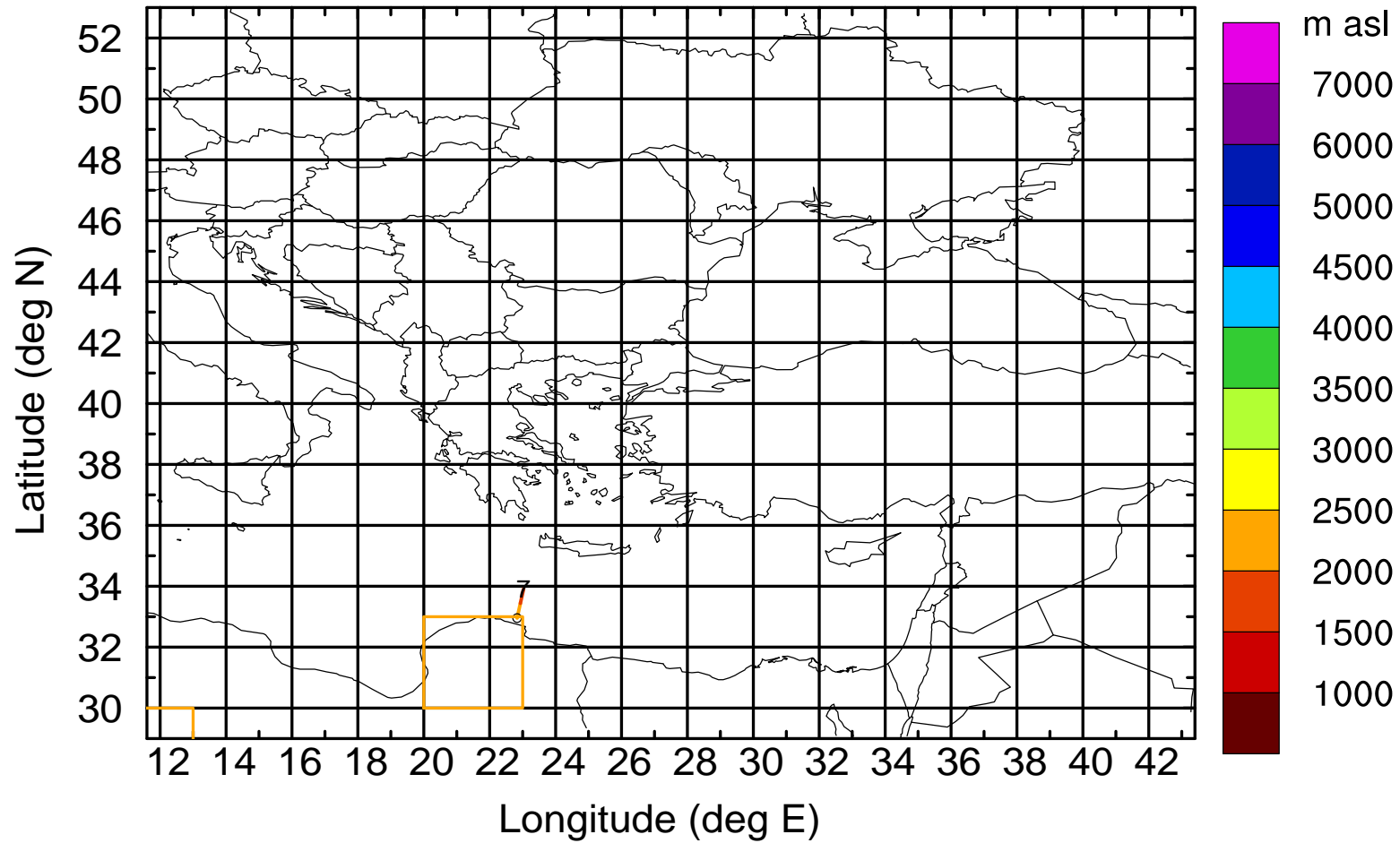
STS ground station 20170401

BWD 20170401/21 -50H = \*\*/19 UTC



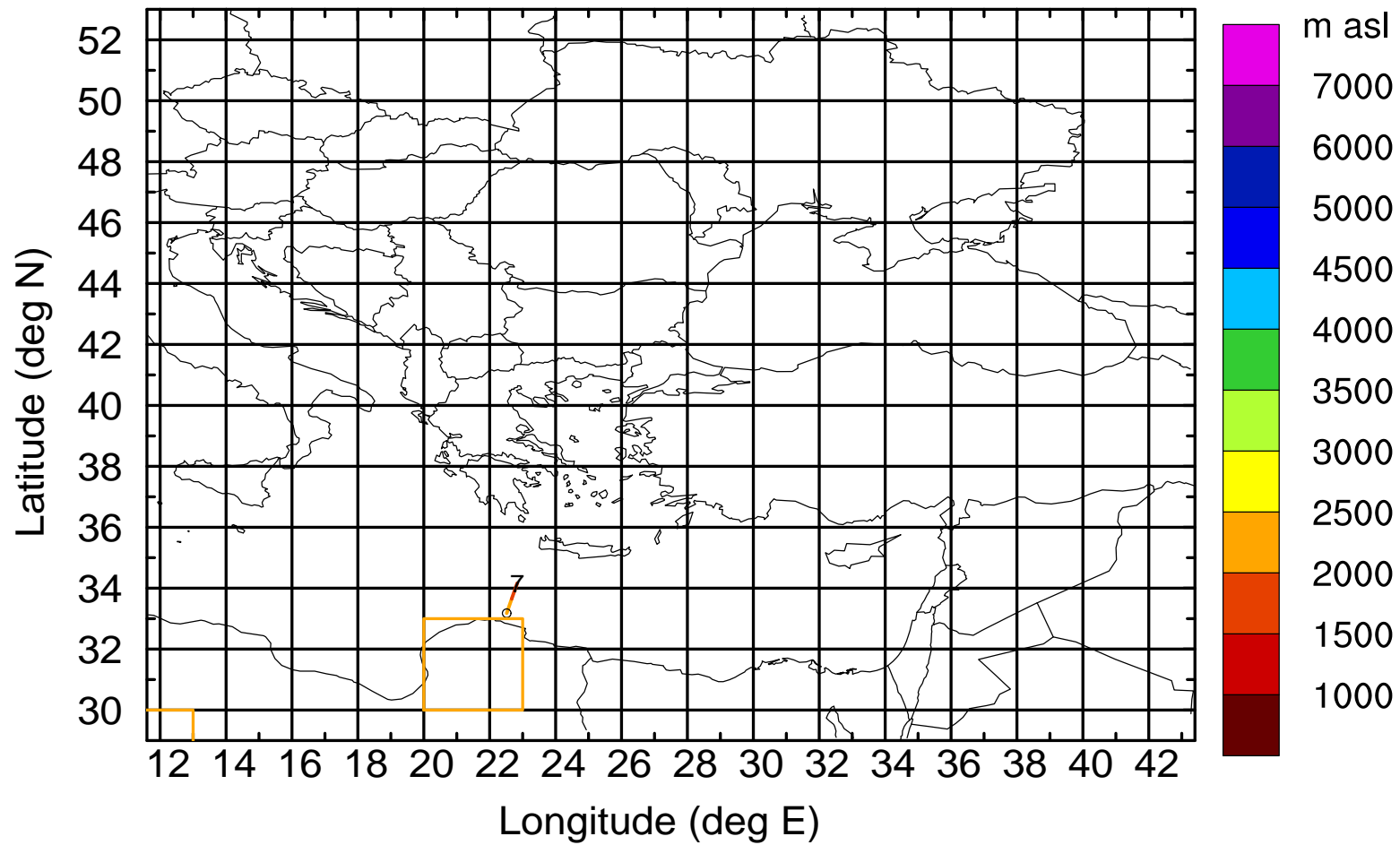
STS ground station 20170401

BWD 20170401/21 -51H = \*\*/18 UTC



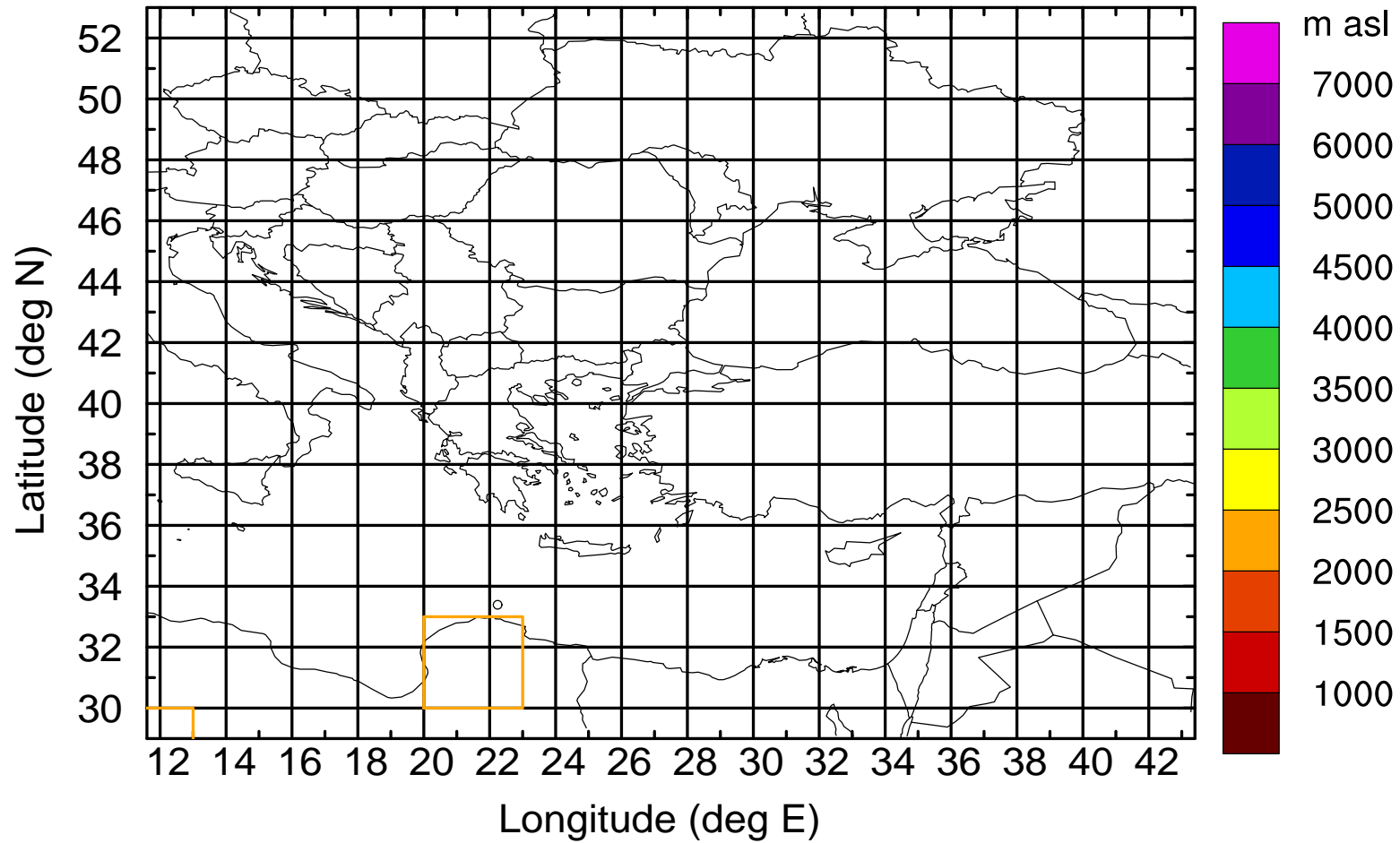
STS ground station 20170401

BWD 20170401/21 -52H = \*\*/17 UTC



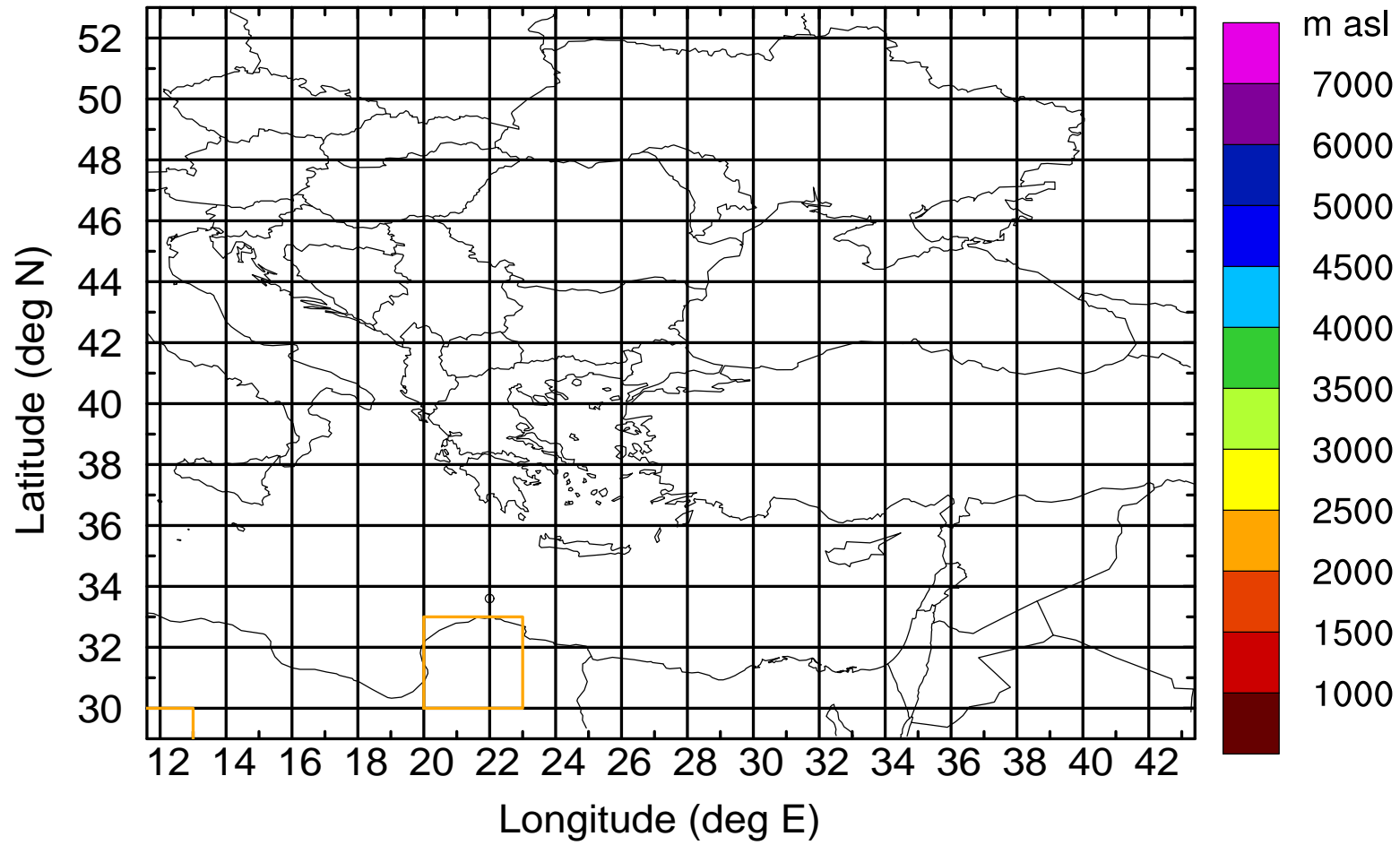
STS ground station 20170401

BWD 20170401/21 -52H = \*\*/17 UTC



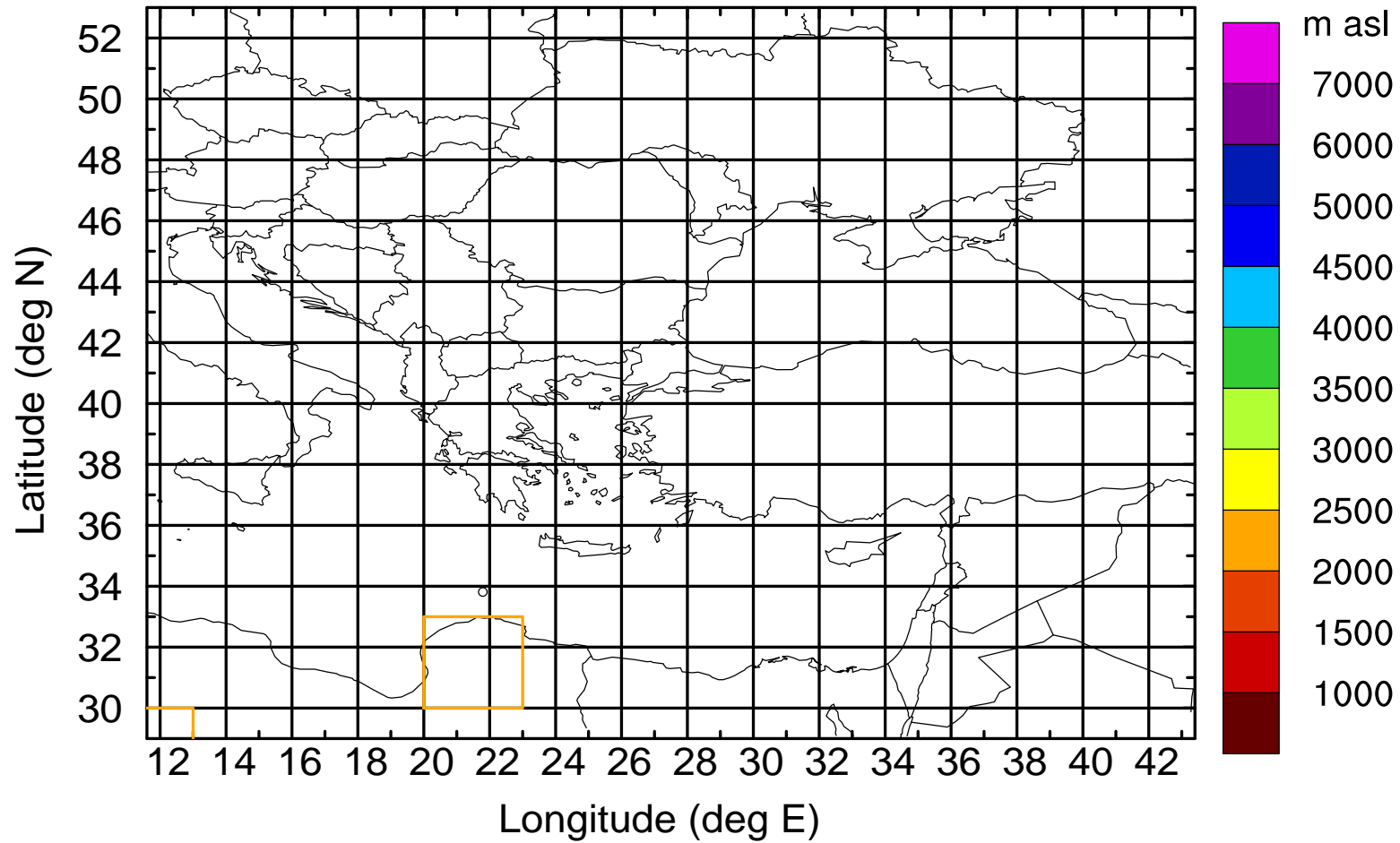
STS ground station 20170401

BWD 20170401/21 -52H = \*\*/17 UTC



STS ground station 20170401

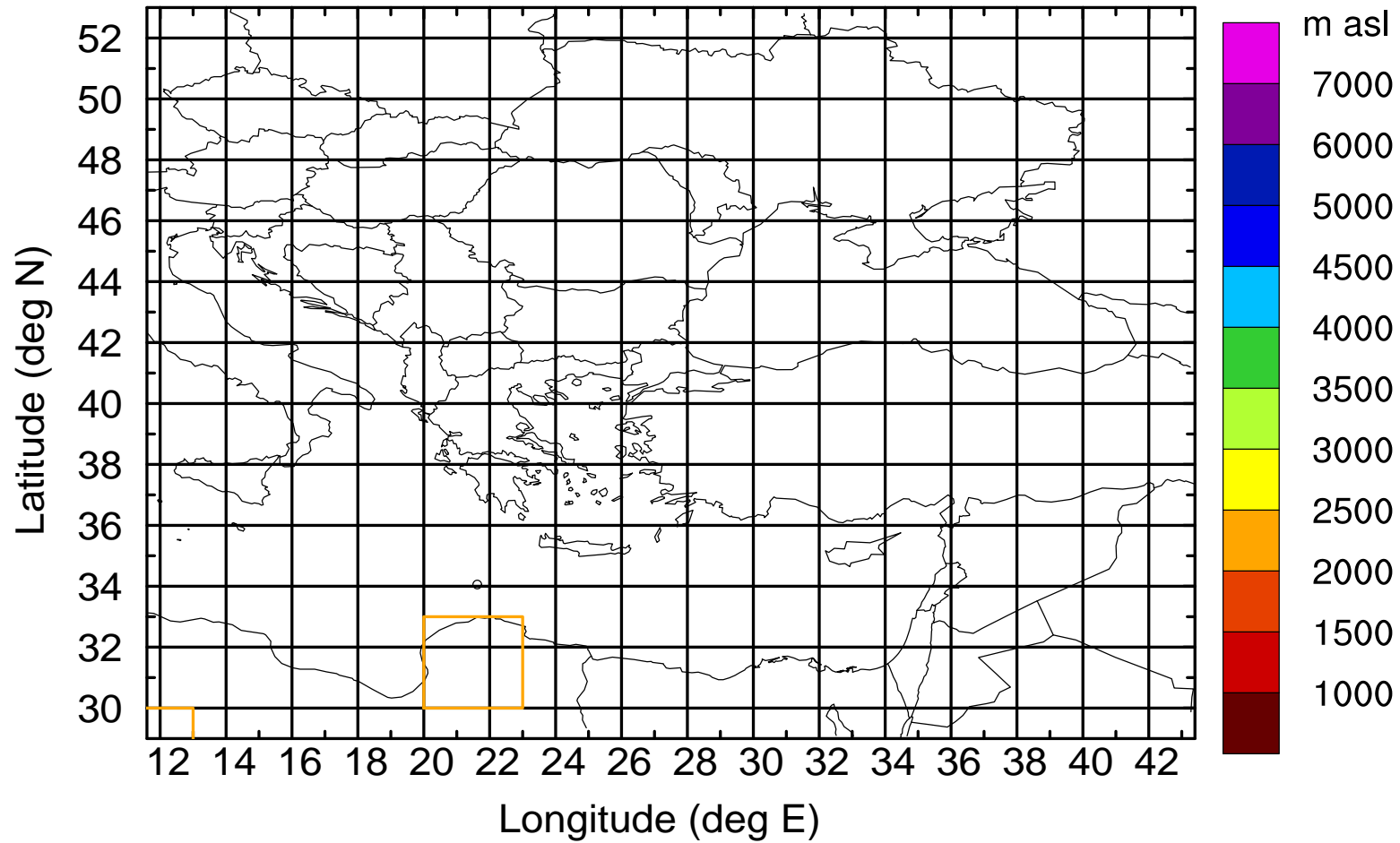
BWD 20170401/21 -52H = \*\*/17 UTC





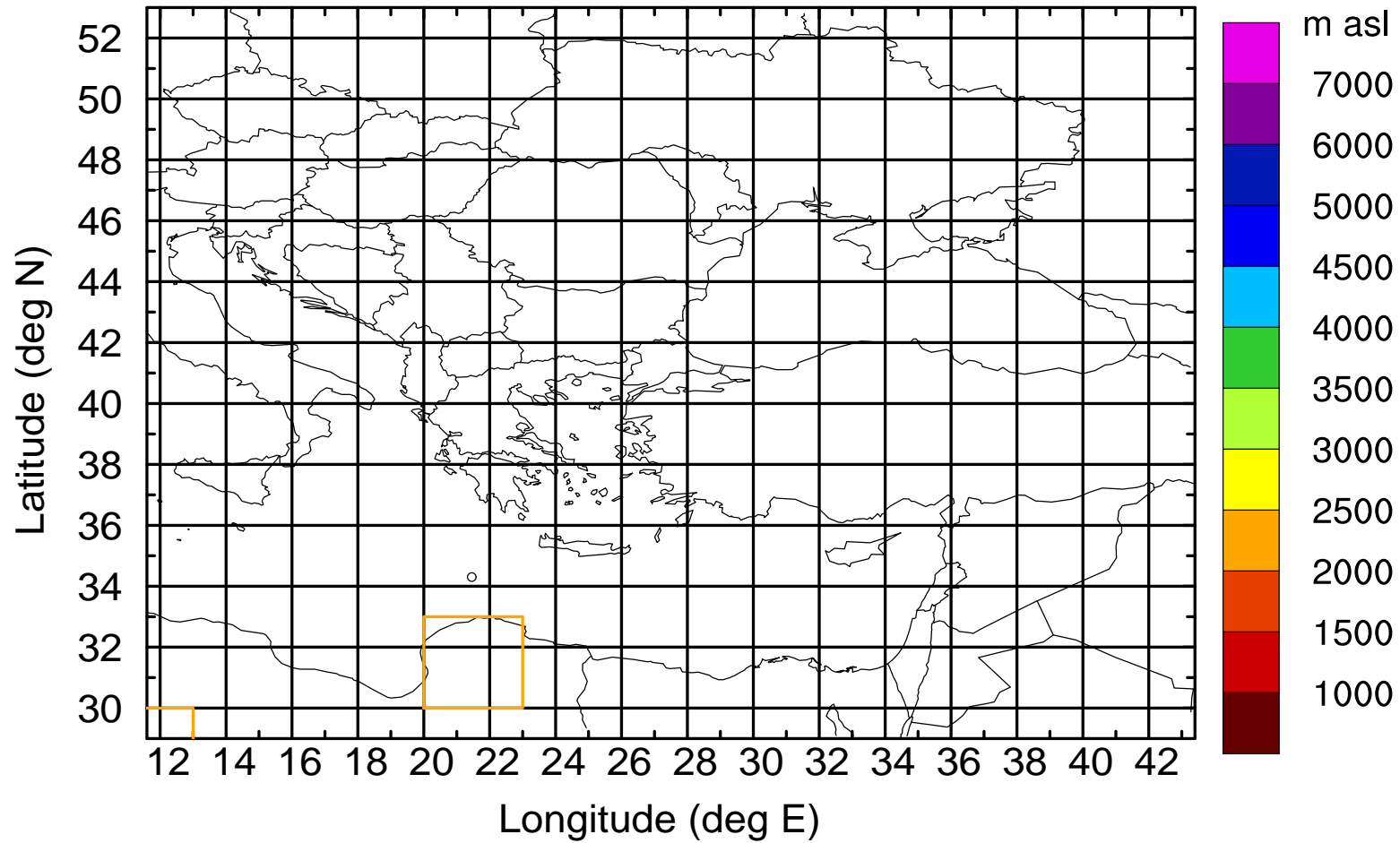
STS ground station 20170401

BWD 20170401/21 -52H = \*\*/17 UTC



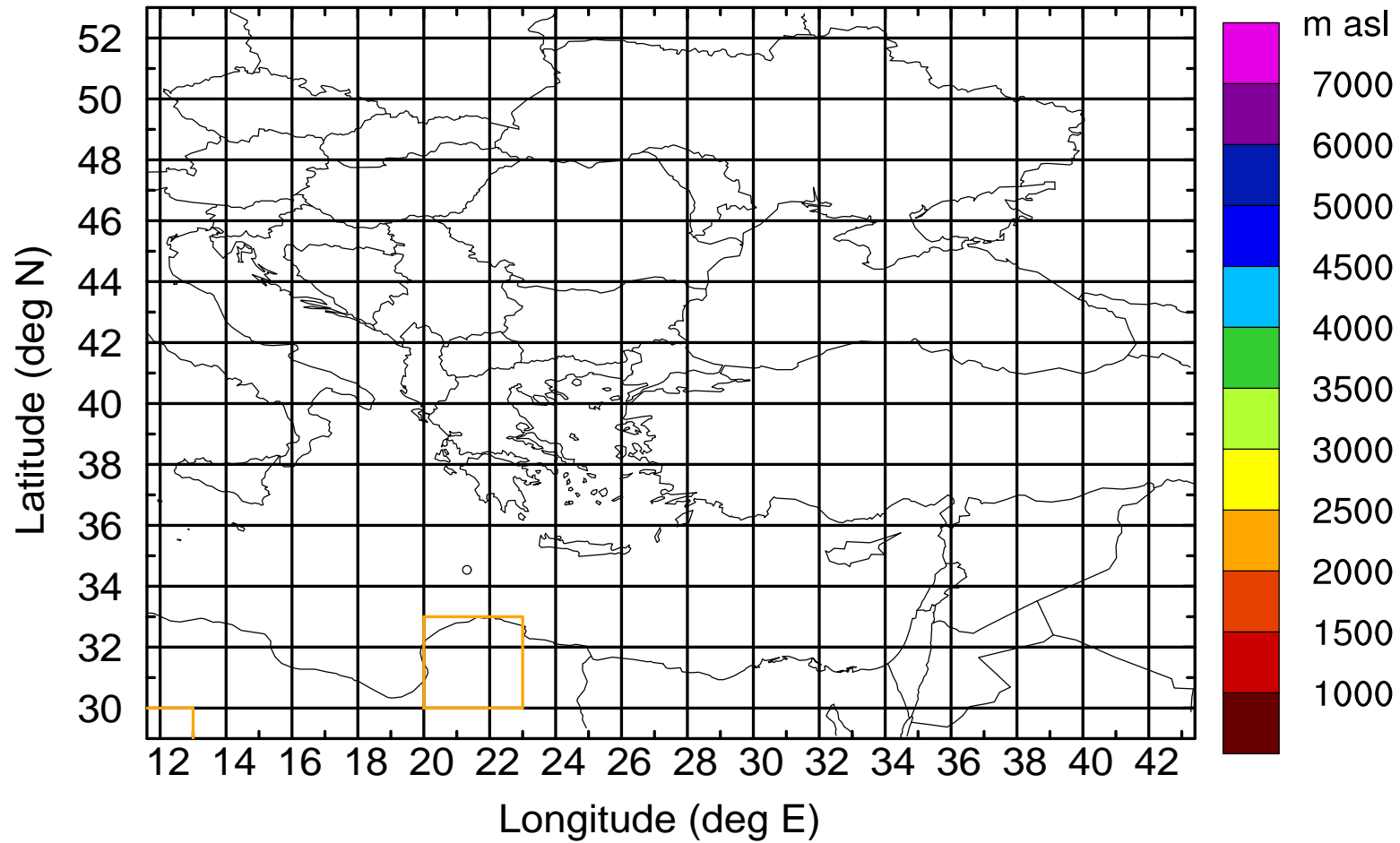
STS ground station 20170401

BWD 20170401/21 -52H = \*\*/17 UTC



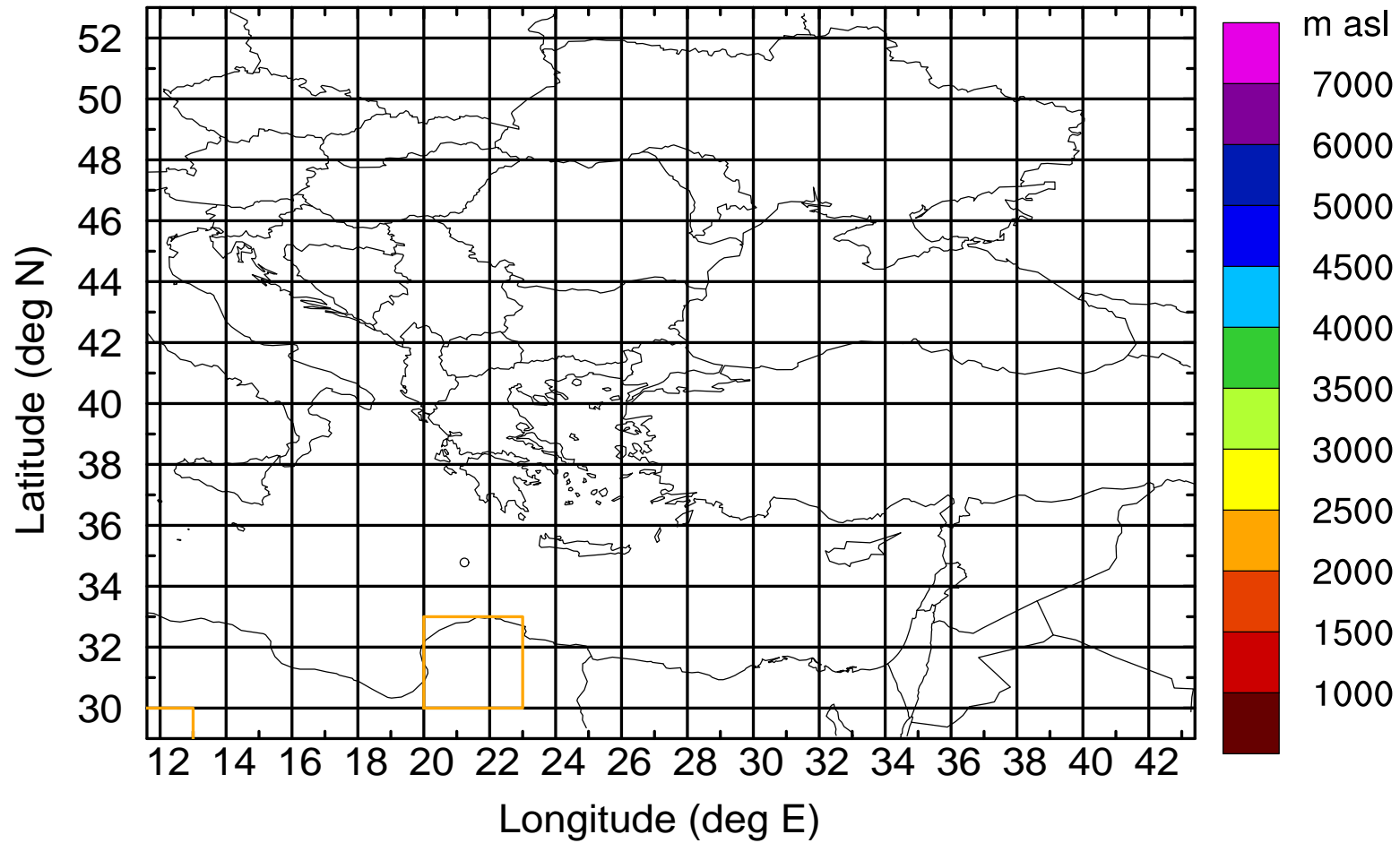
STS ground station 20170401

BWD 20170401/21 -52H = \*\*/17 UTC



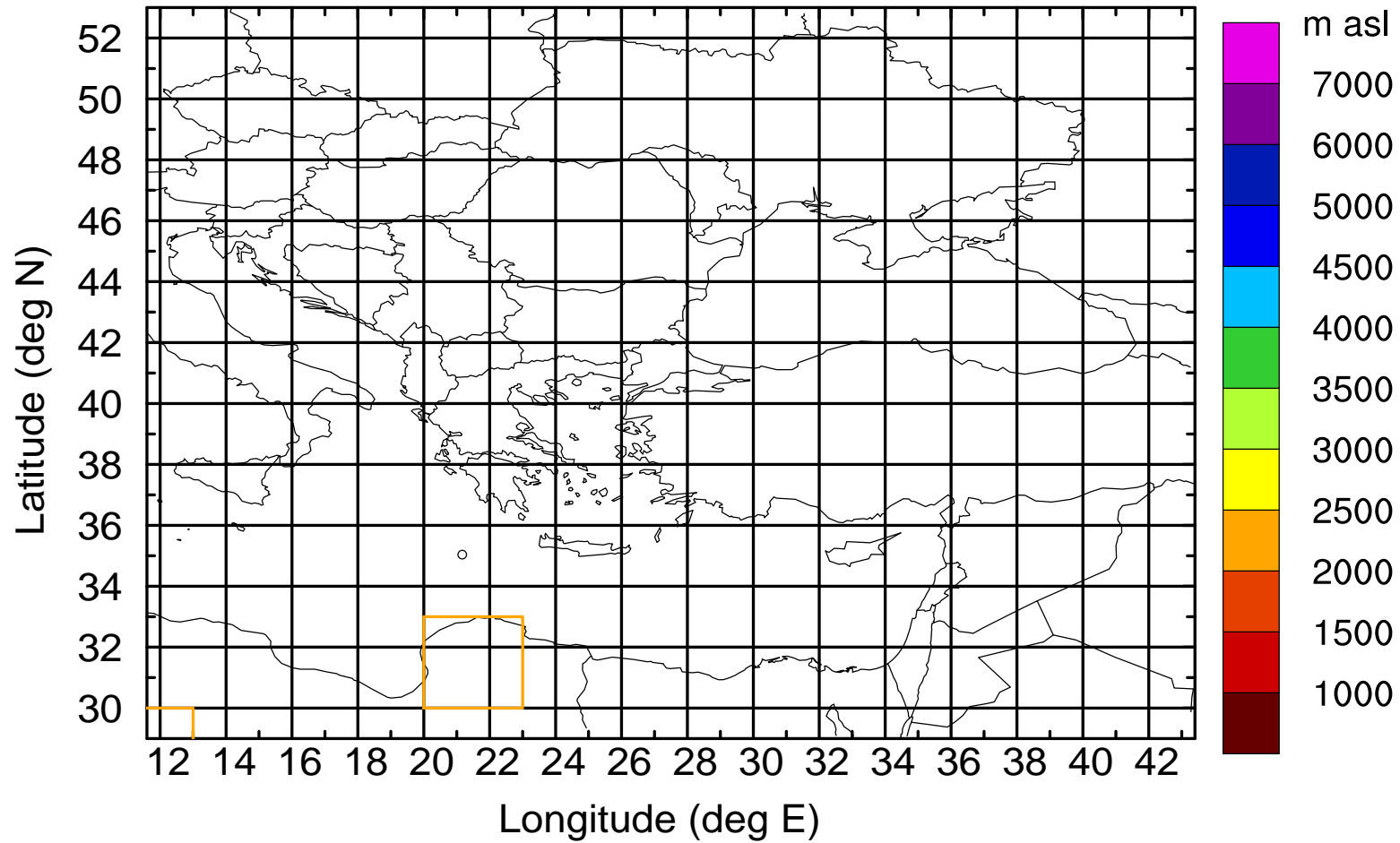
STS ground station 20170401

BWD 20170401/21 -52H = \*\*/17 UTC



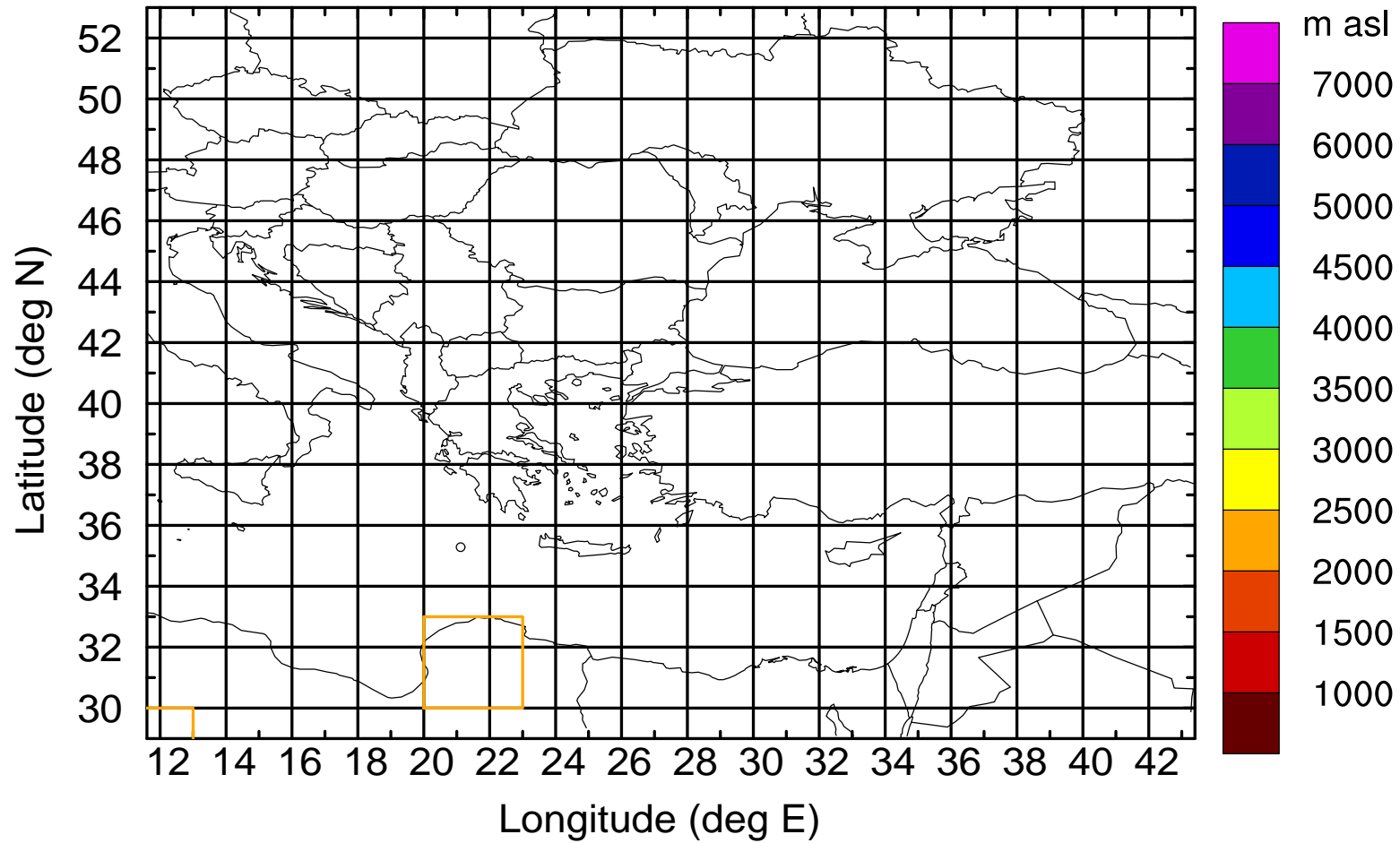
STS ground station 20170401

BWD 20170401/21 -52H = \*\*/17 UTC



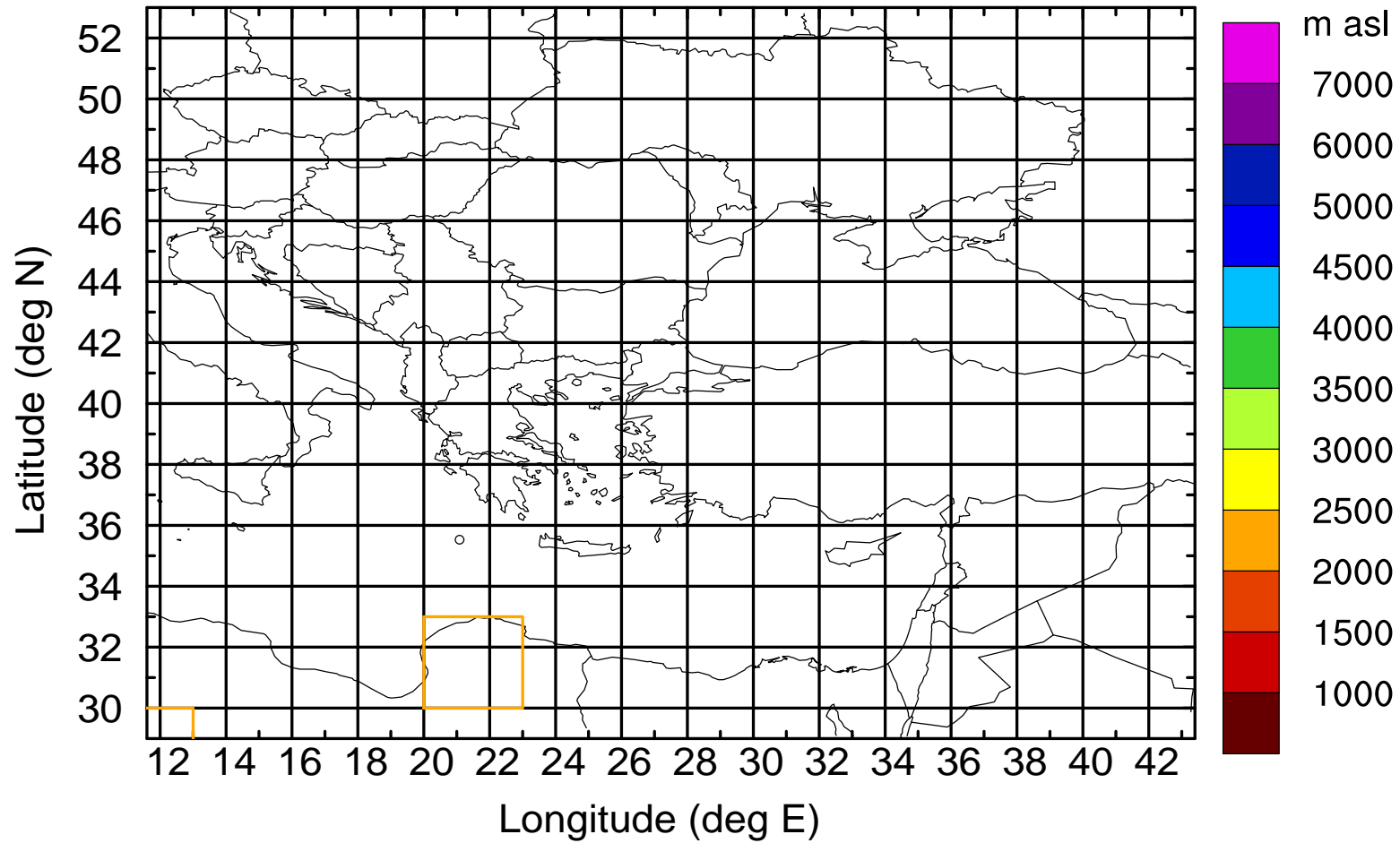
STS ground station 20170401

BWD 20170401/21 -52H = \*\*/17 UTC



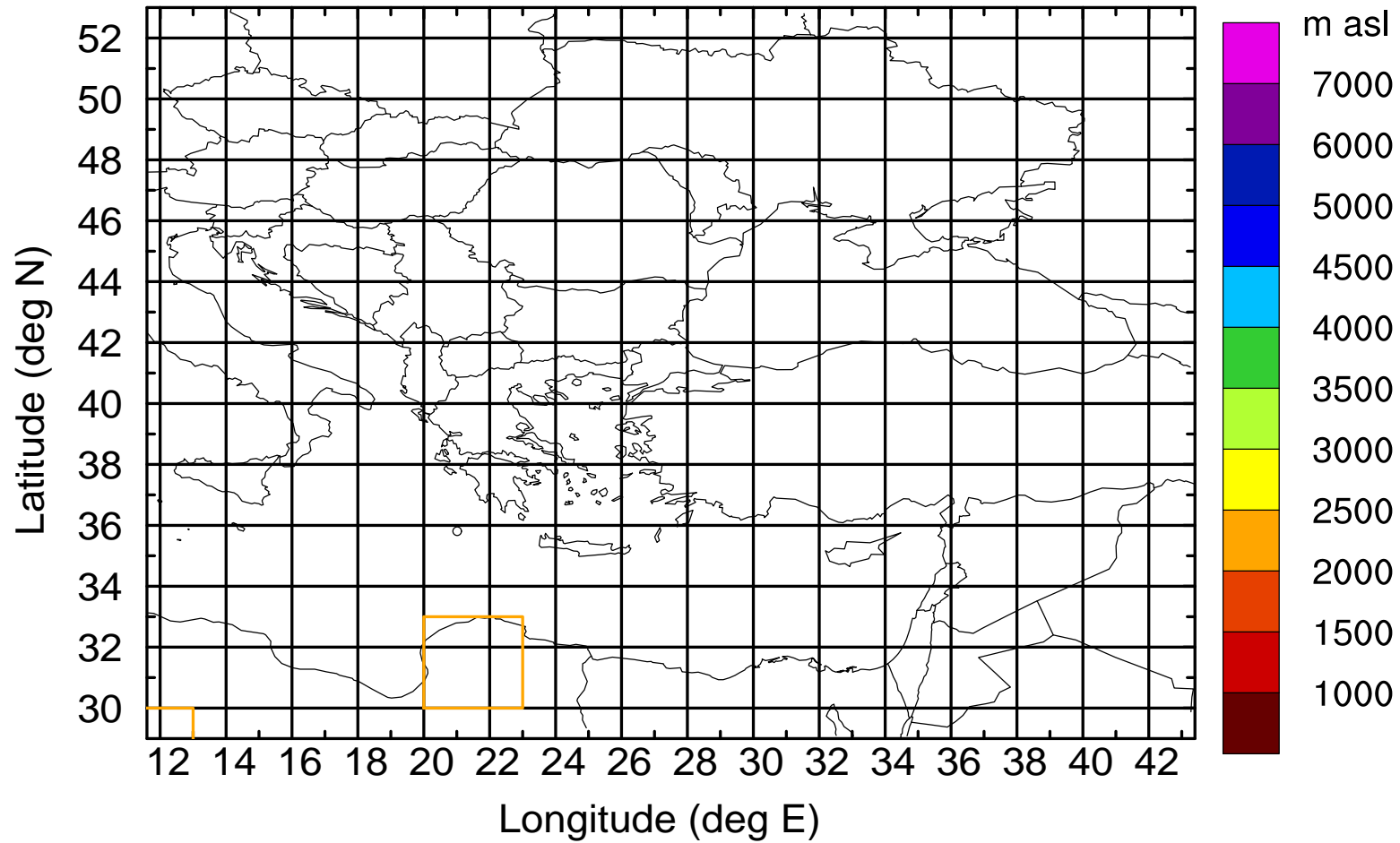
STS ground station 20170401

BWD 20170401/21 -52H = \*\*/17 UTC



STS ground station 20170401

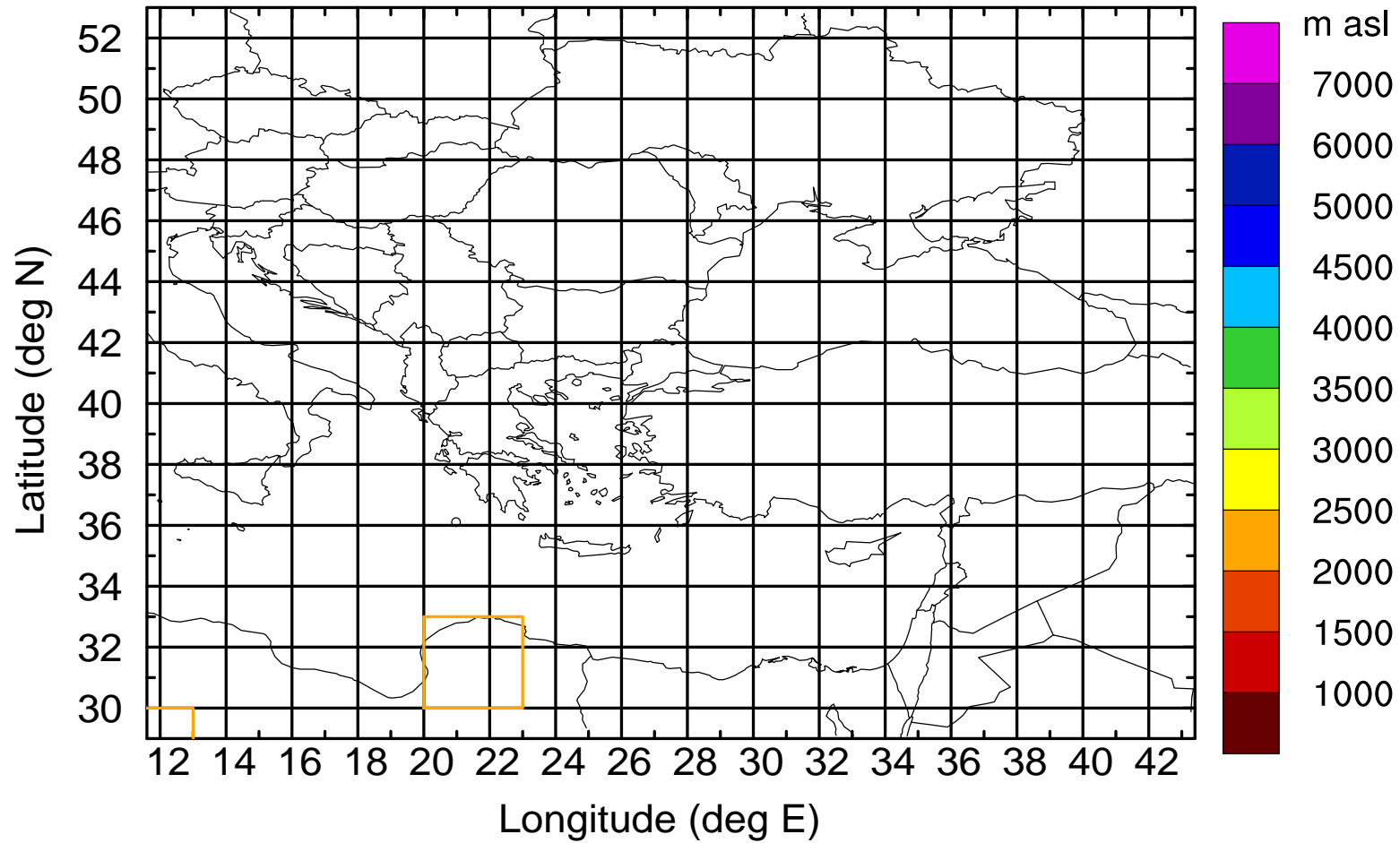
BWD 20170401/21 -52H = \*\*/17 UTC





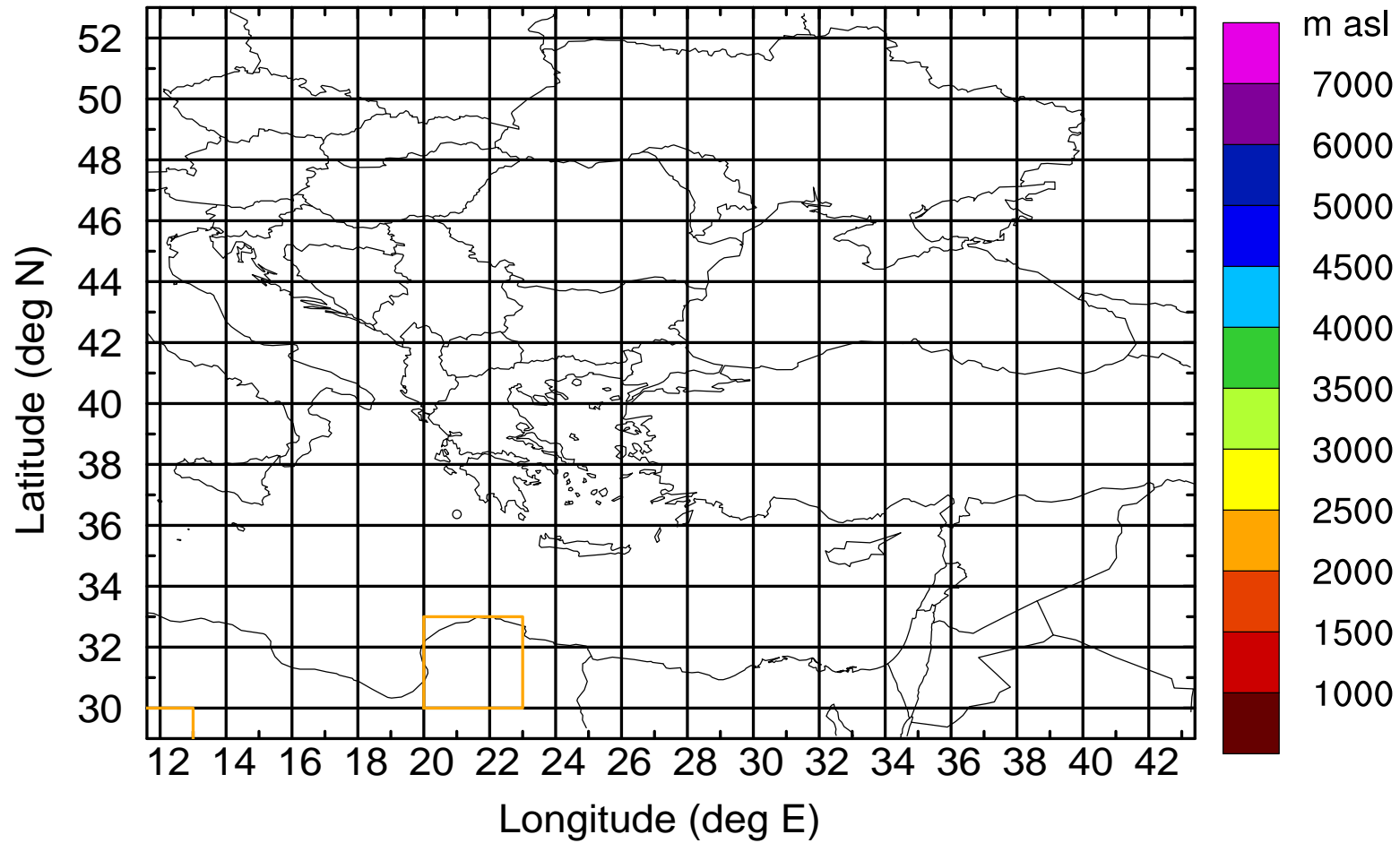
STS ground station 20170401

BWD 20170401/21 -52H = \*\*/17 UTC



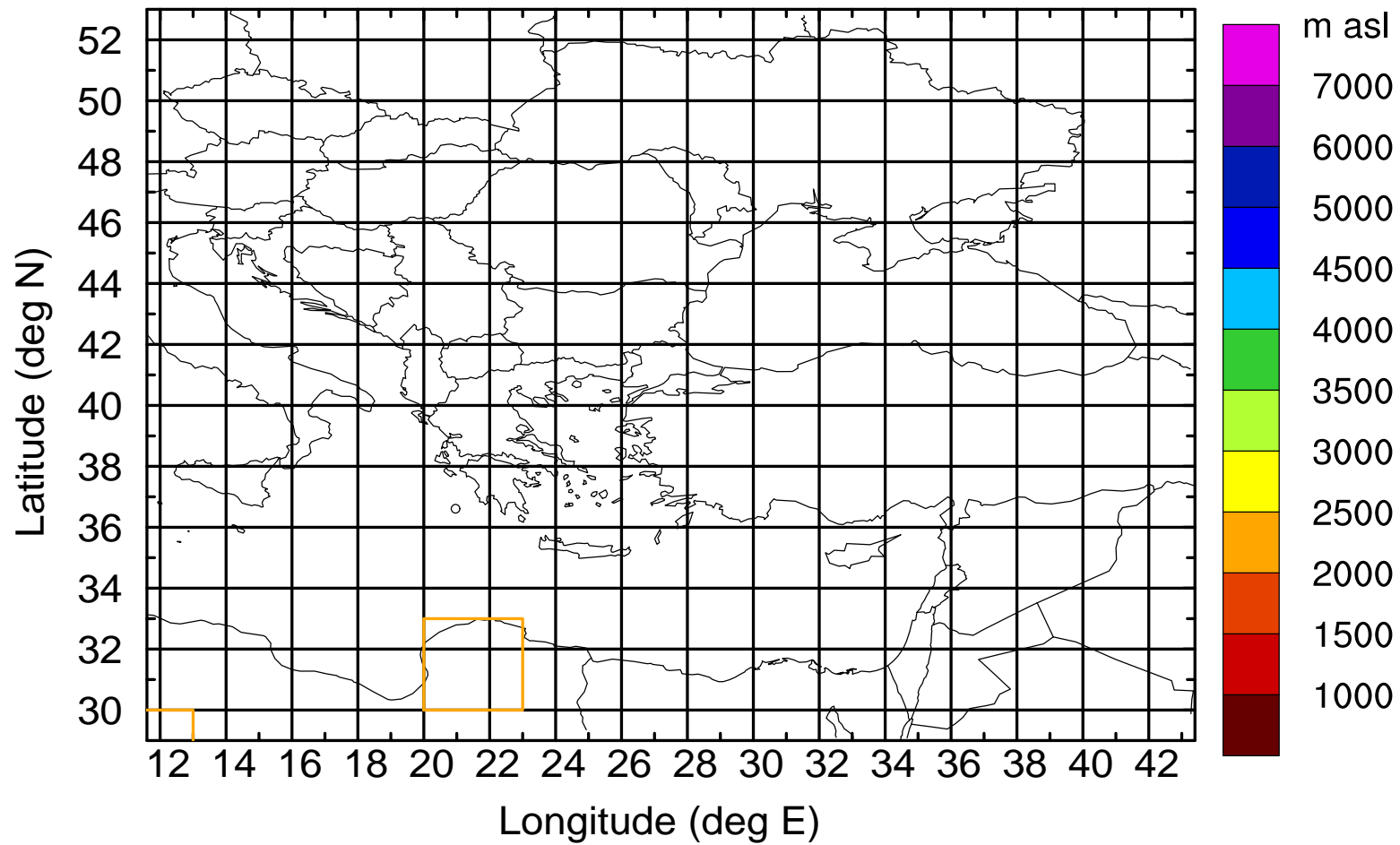
STS ground station 20170401

BWD 20170401/21 -52H = \*\*/17 UTC



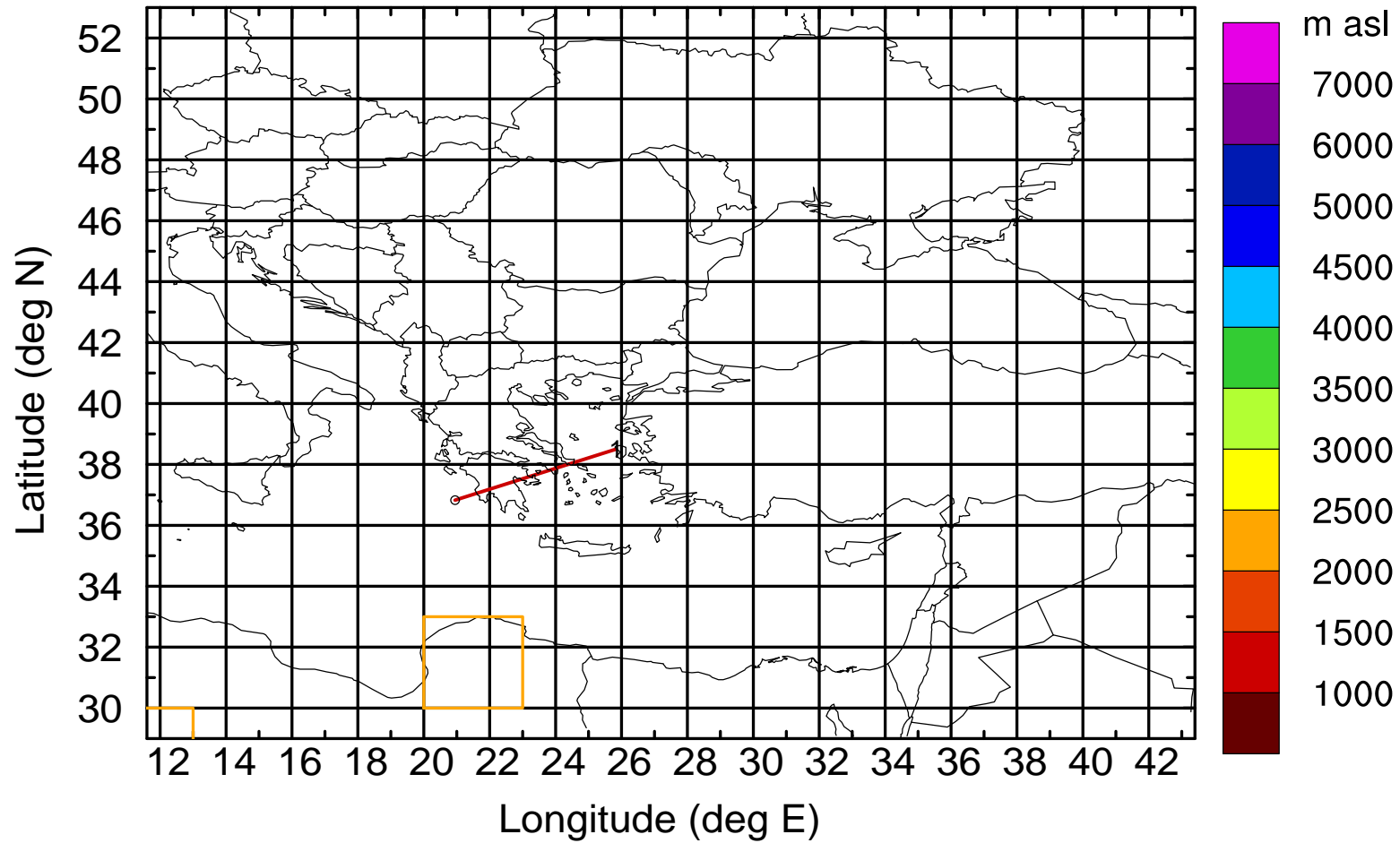
STS ground station 20170401

BWD 20170401/21 -52H = \*\*/17 UTC



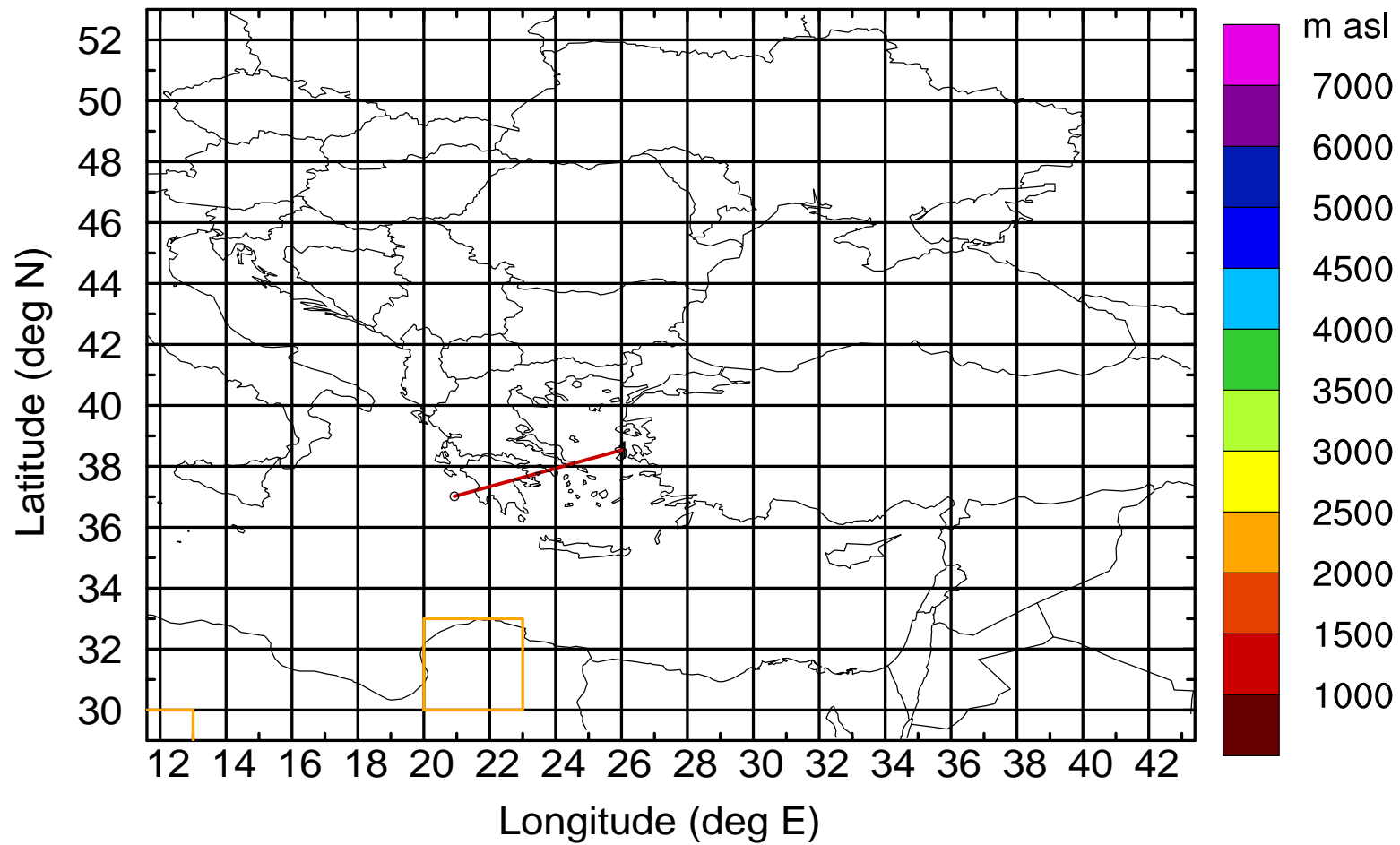
STS ground station 20170401

BWD 20170401/21 -67H = \*\*/02 UTC



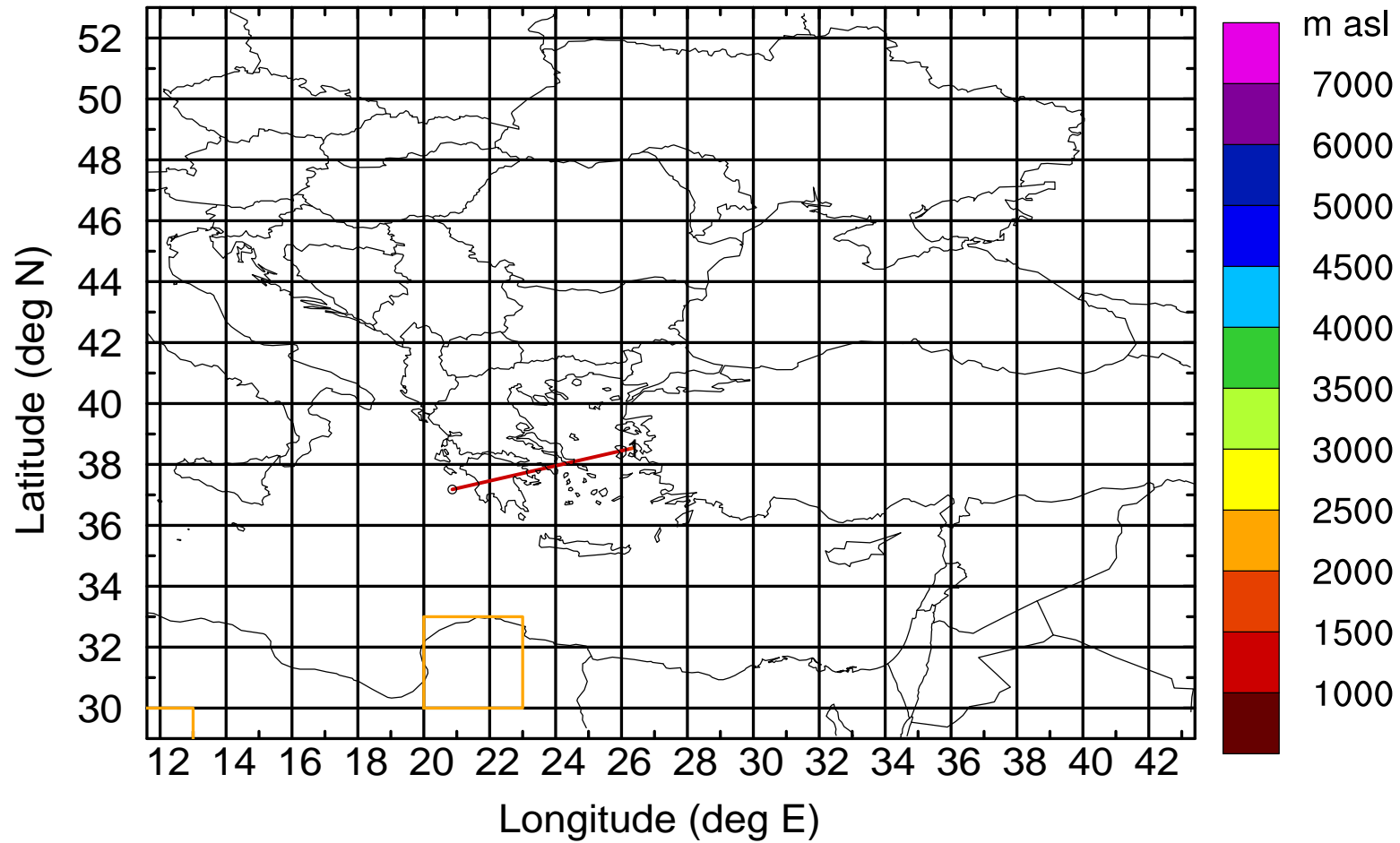
STS ground station 20170401

BWD 20170401/21 -68H = \*\*/01 UTC



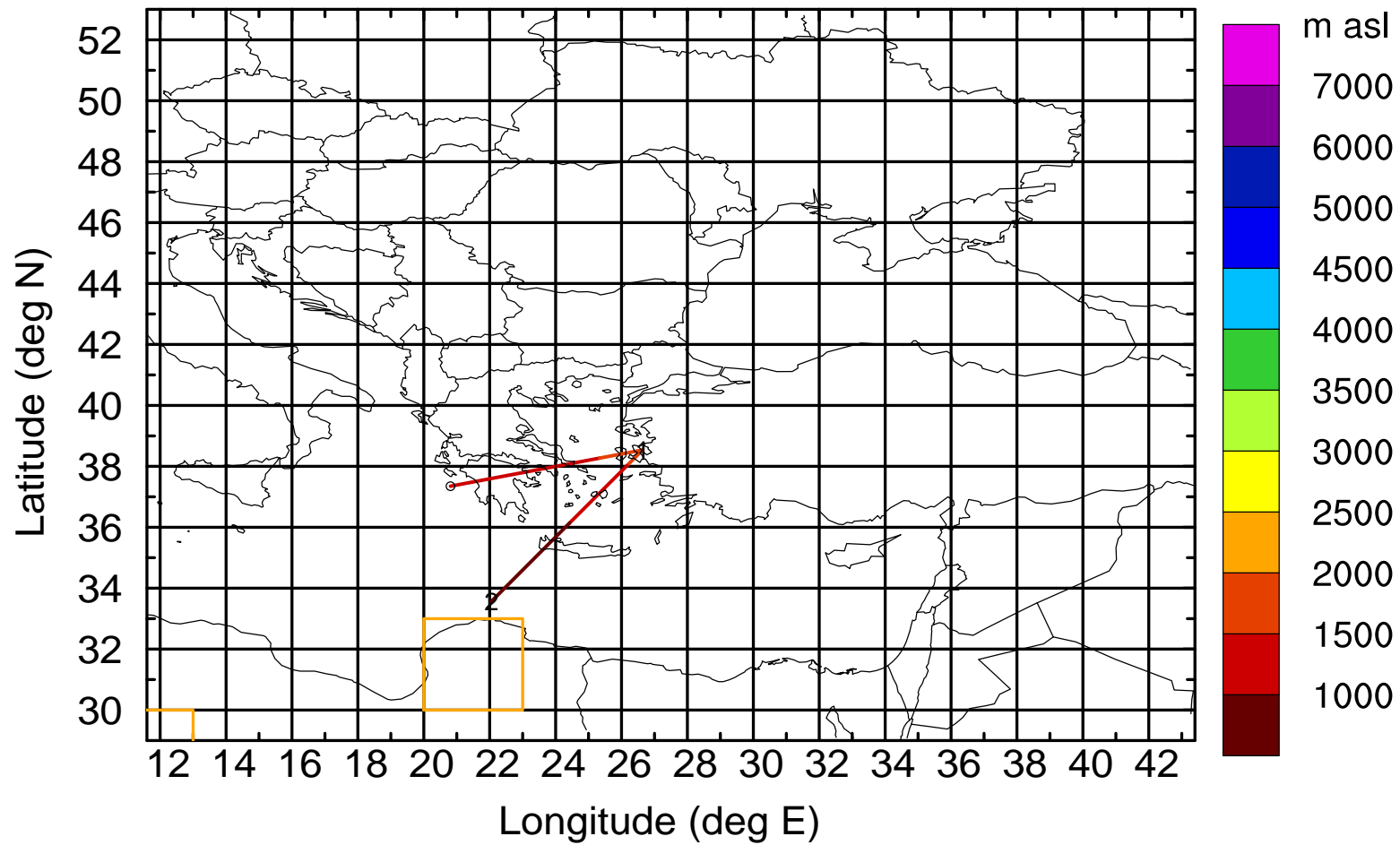
STS ground station 20170401

BWD 20170401/21 -69H = \*\*/00 UTC



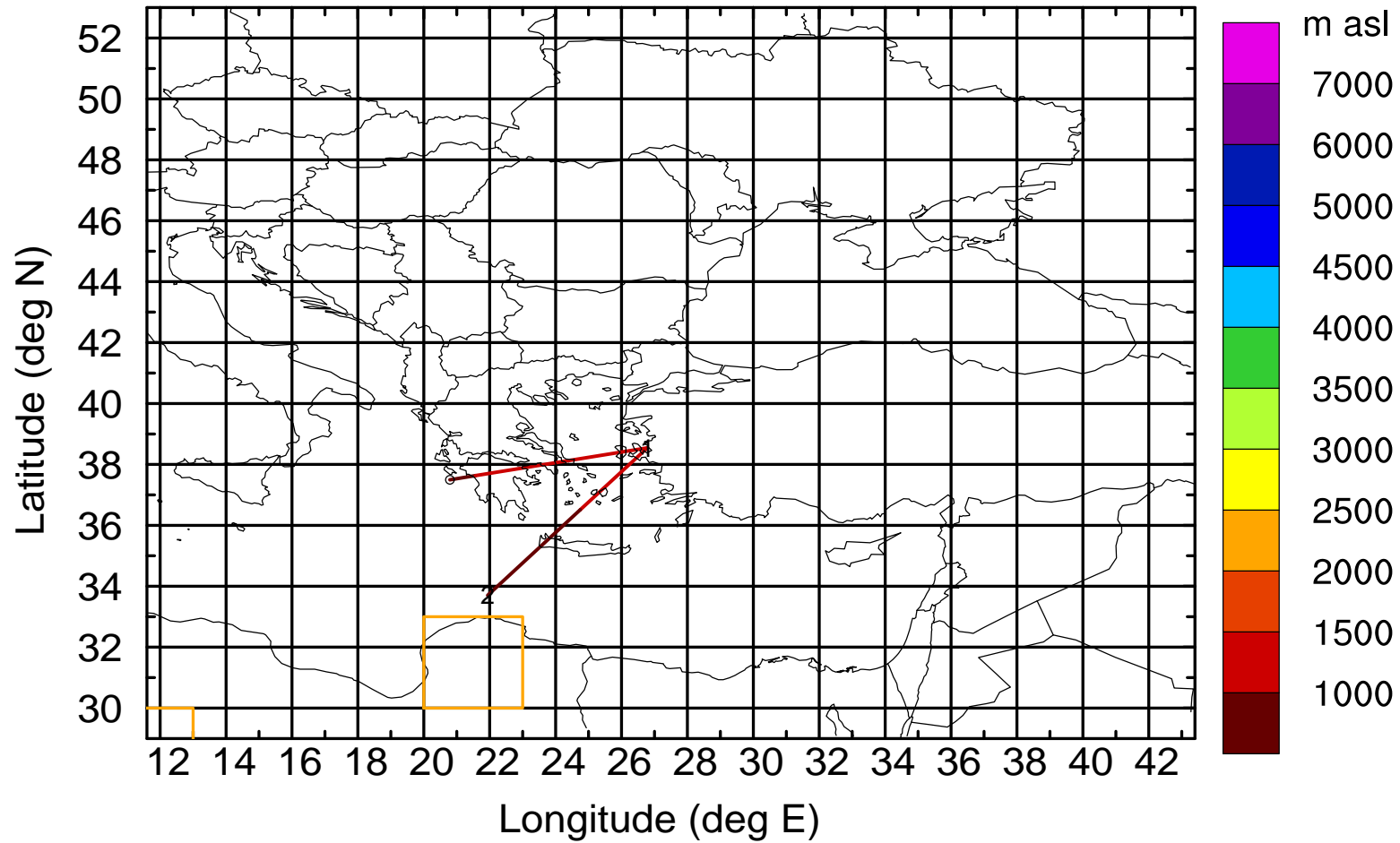
STS ground station 20170401

BWD 20170401/21 -70H = \*\*/23 UTC



STS ground station 20170401

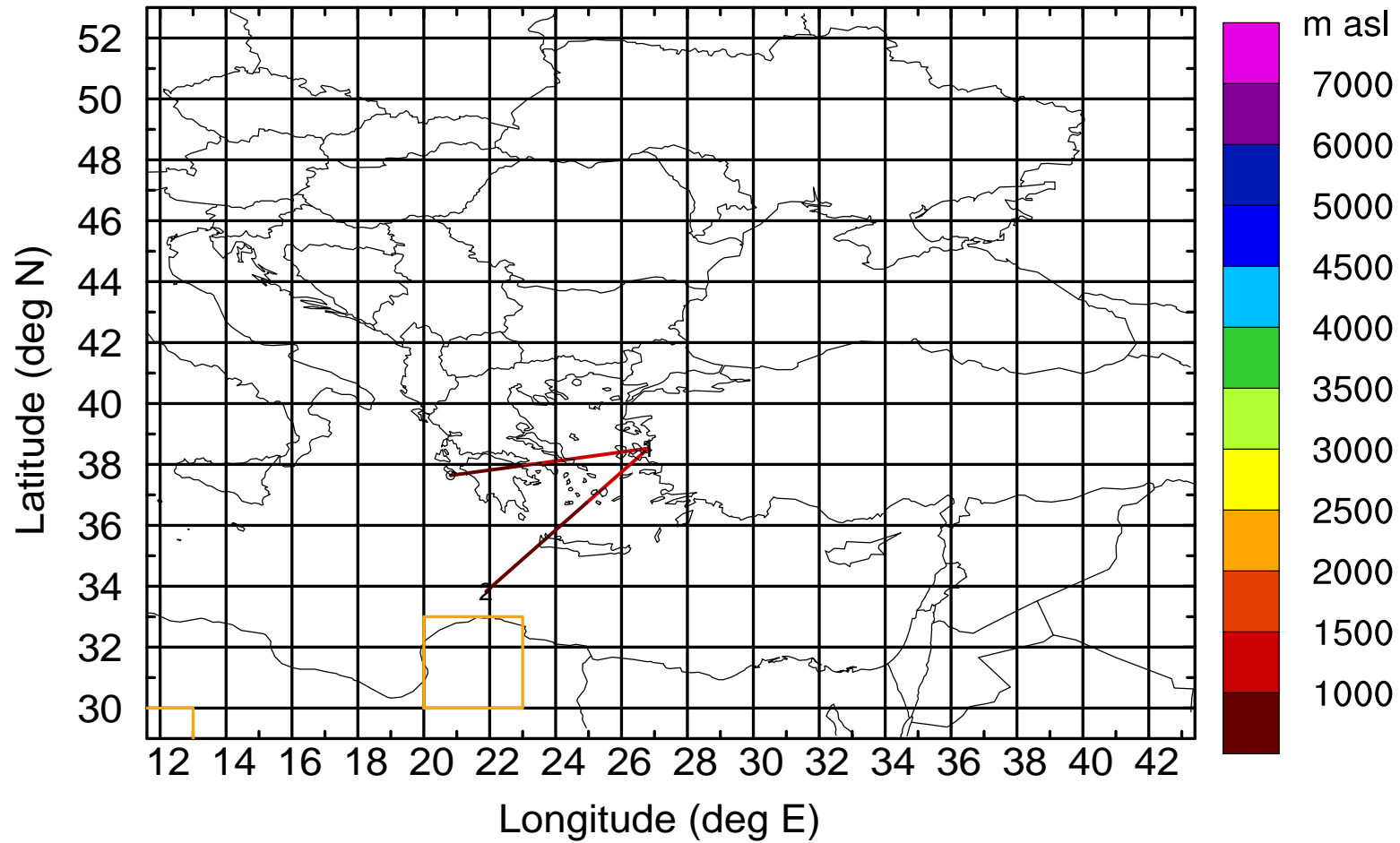
BWD 20170401/21 -71H = \*\*/22 UTC





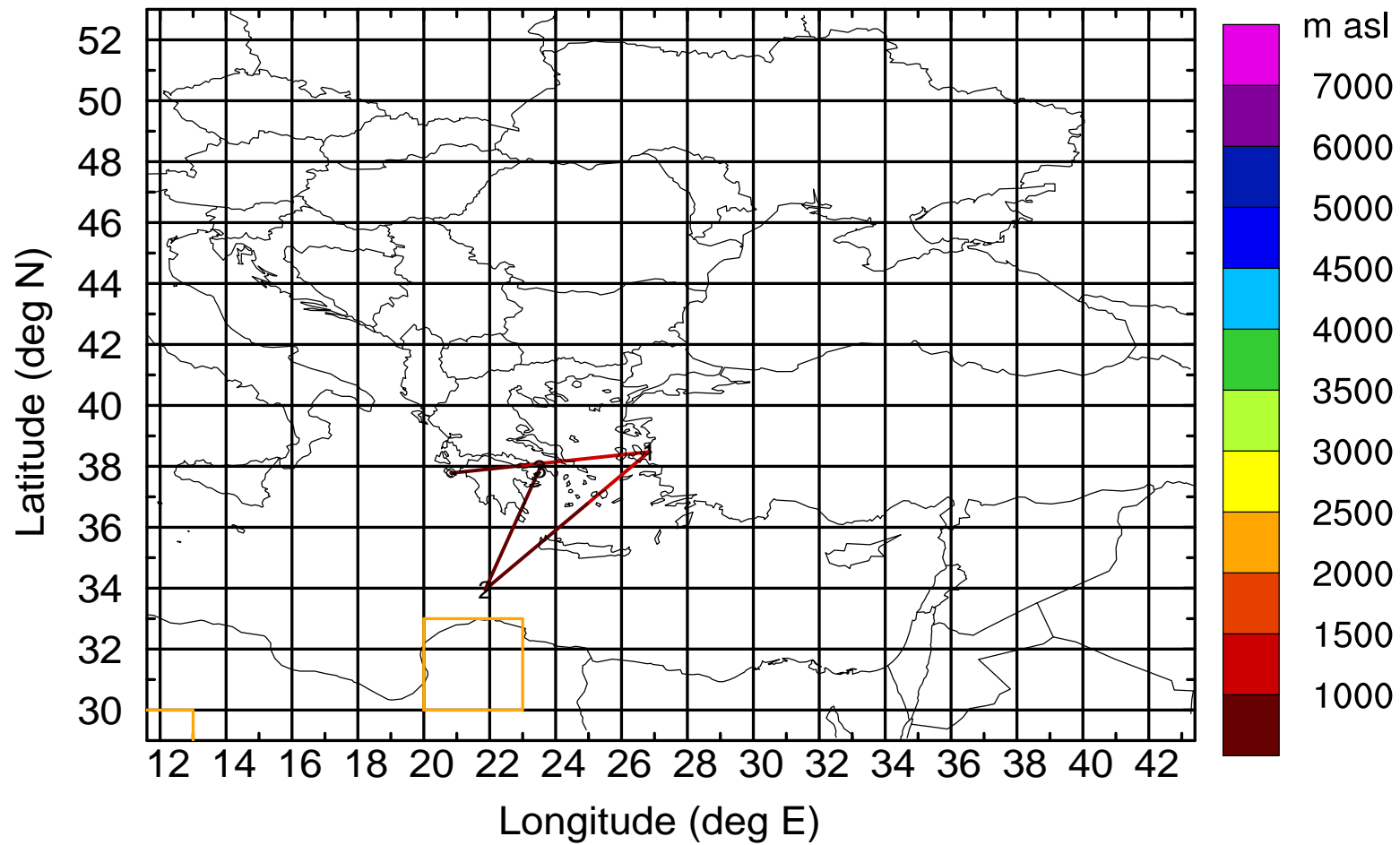
STS ground station 20170401

BWD 20170401/21 -72H = \*\*/21 UTC



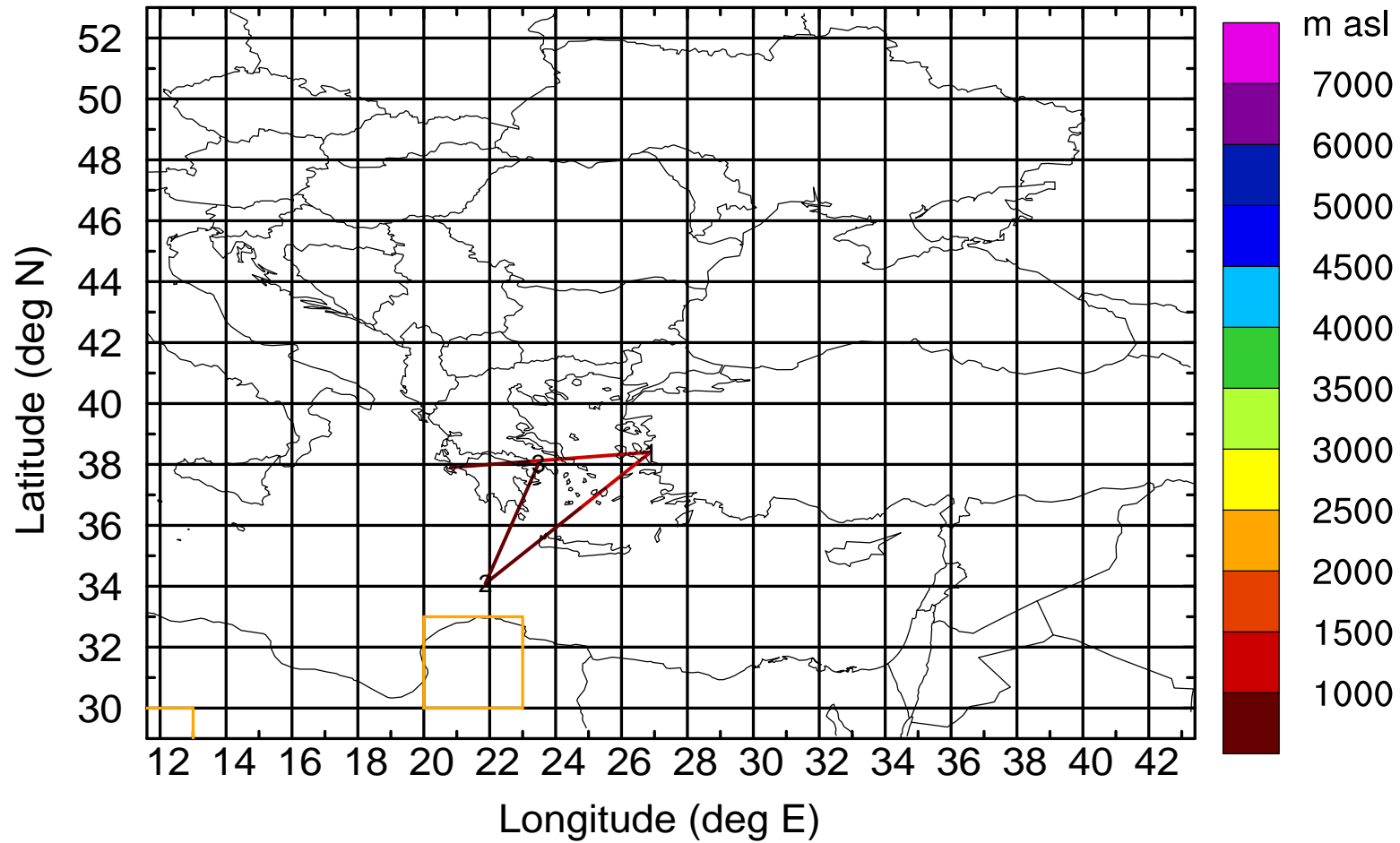
STS ground station 20170401

BWD 20170401/21 -73H = \*\*/20 UTC



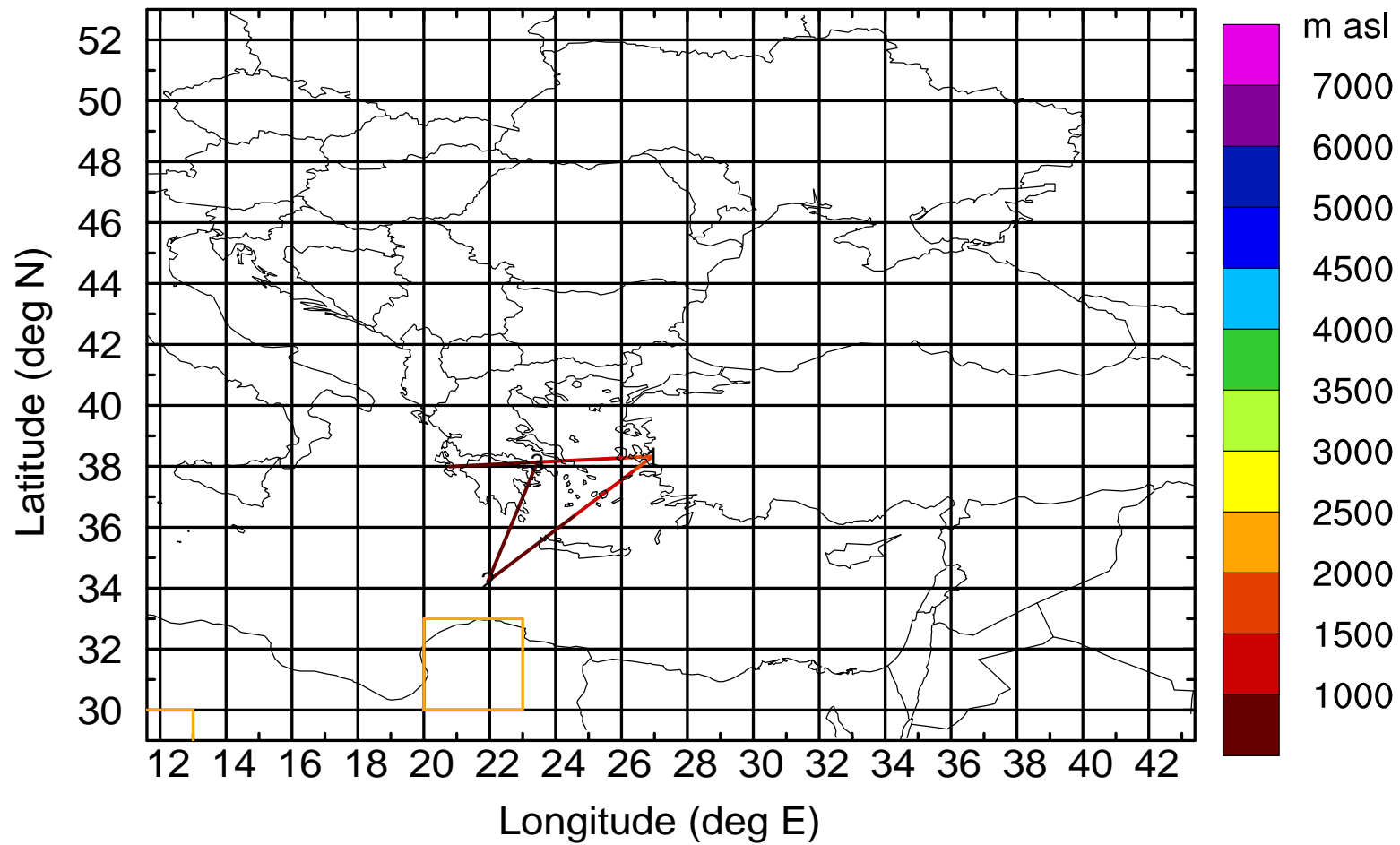
STS ground station 20170401

BWD 20170401/21 -74H = \*\*/19 UTC



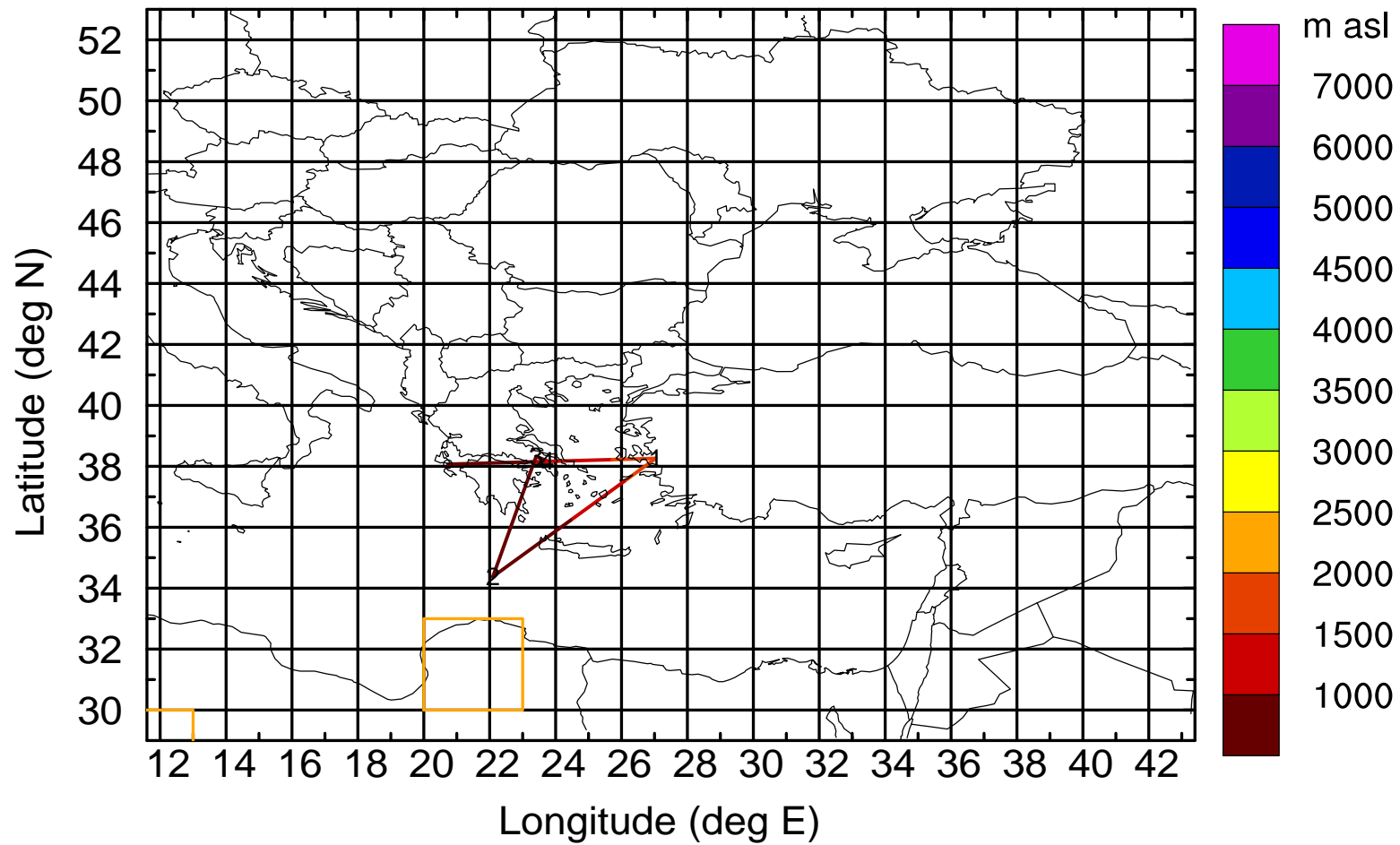
STS ground station 20170401

BWD 20170401/21 -75H = \*\*/18 UTC



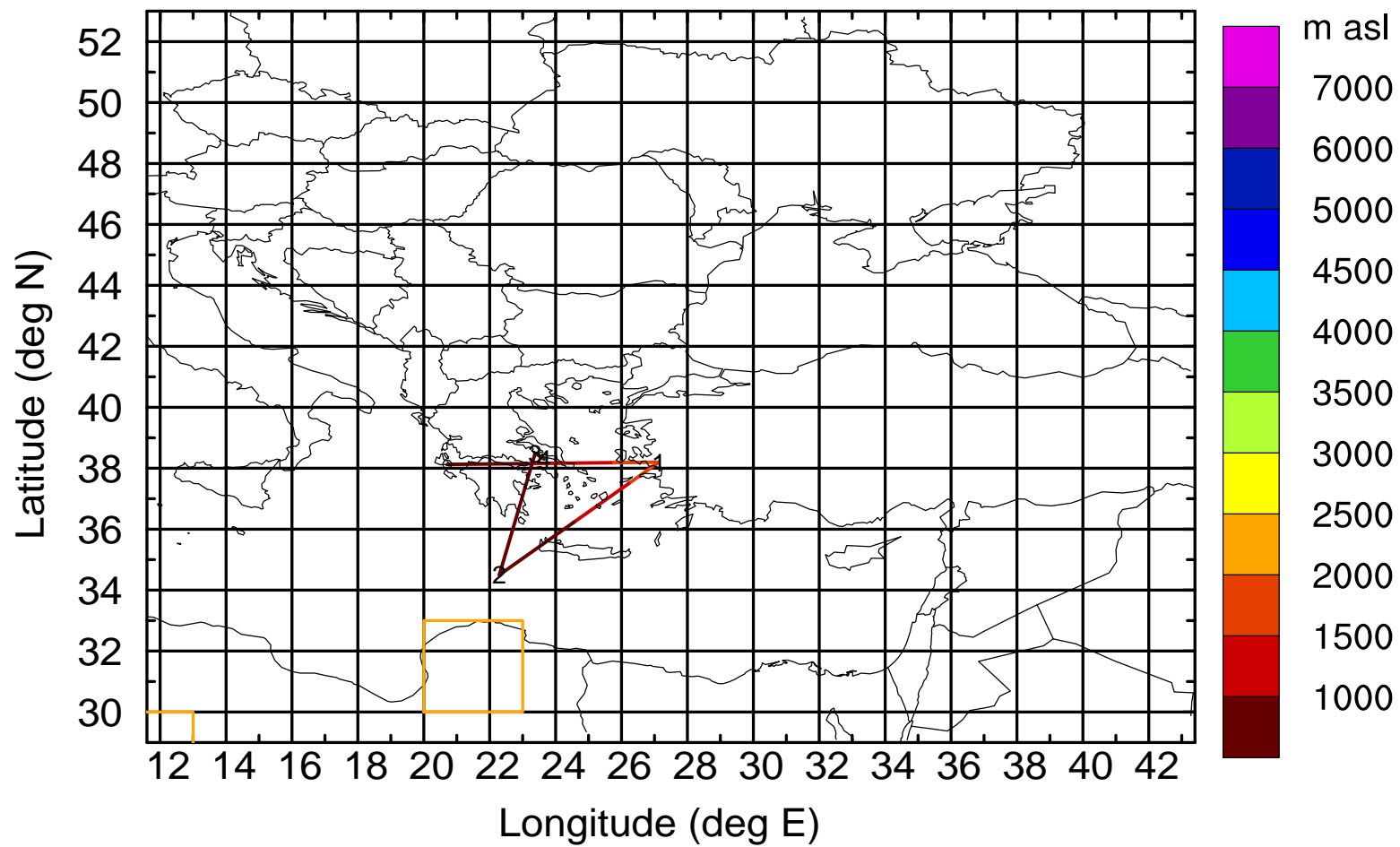
STS ground station 20170401

BWD 20170401/21 -76H = \*\*/17 UTC



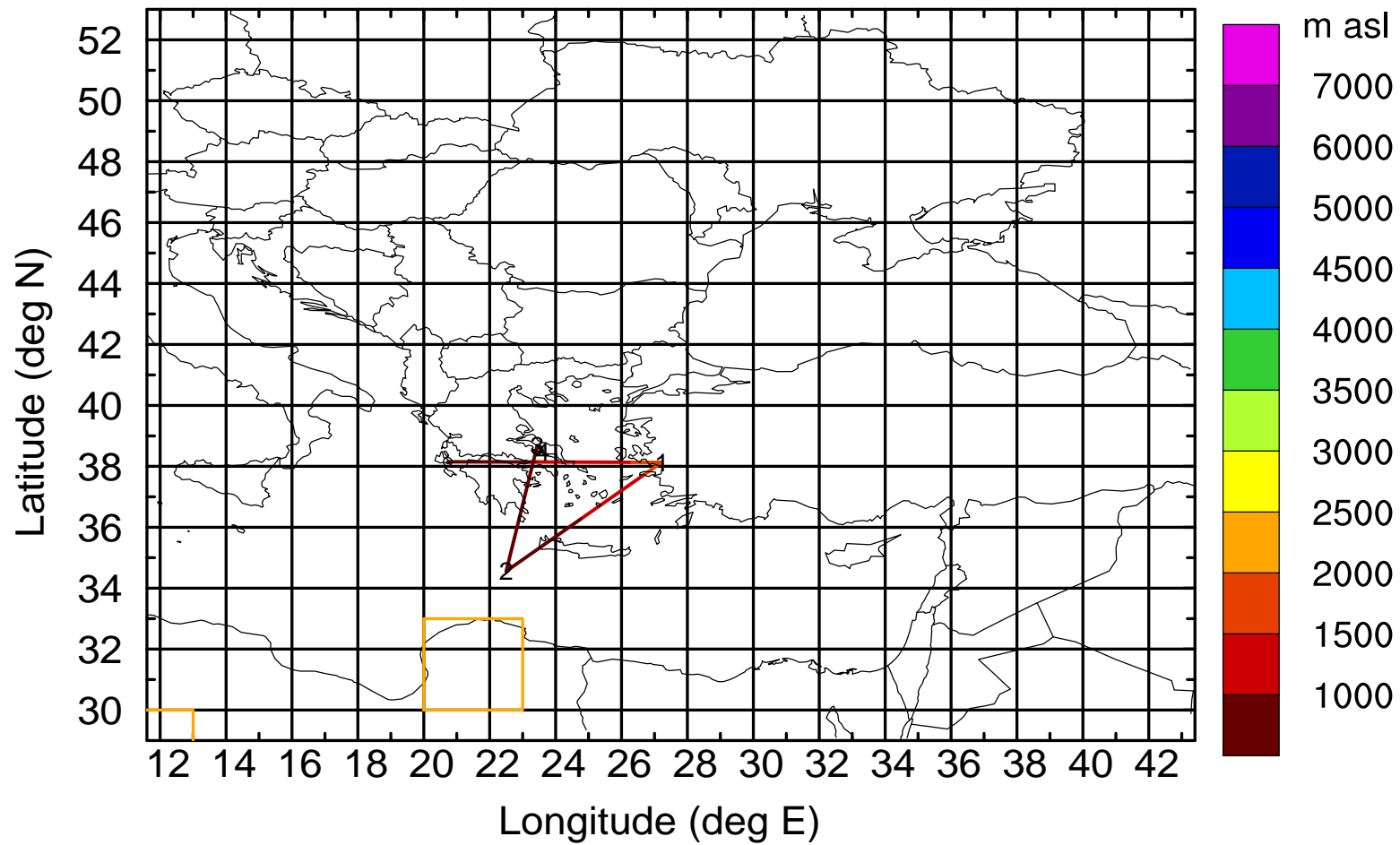
STS ground station 20170401

BWD 20170401/21 -77H = \*\*/16 UTC



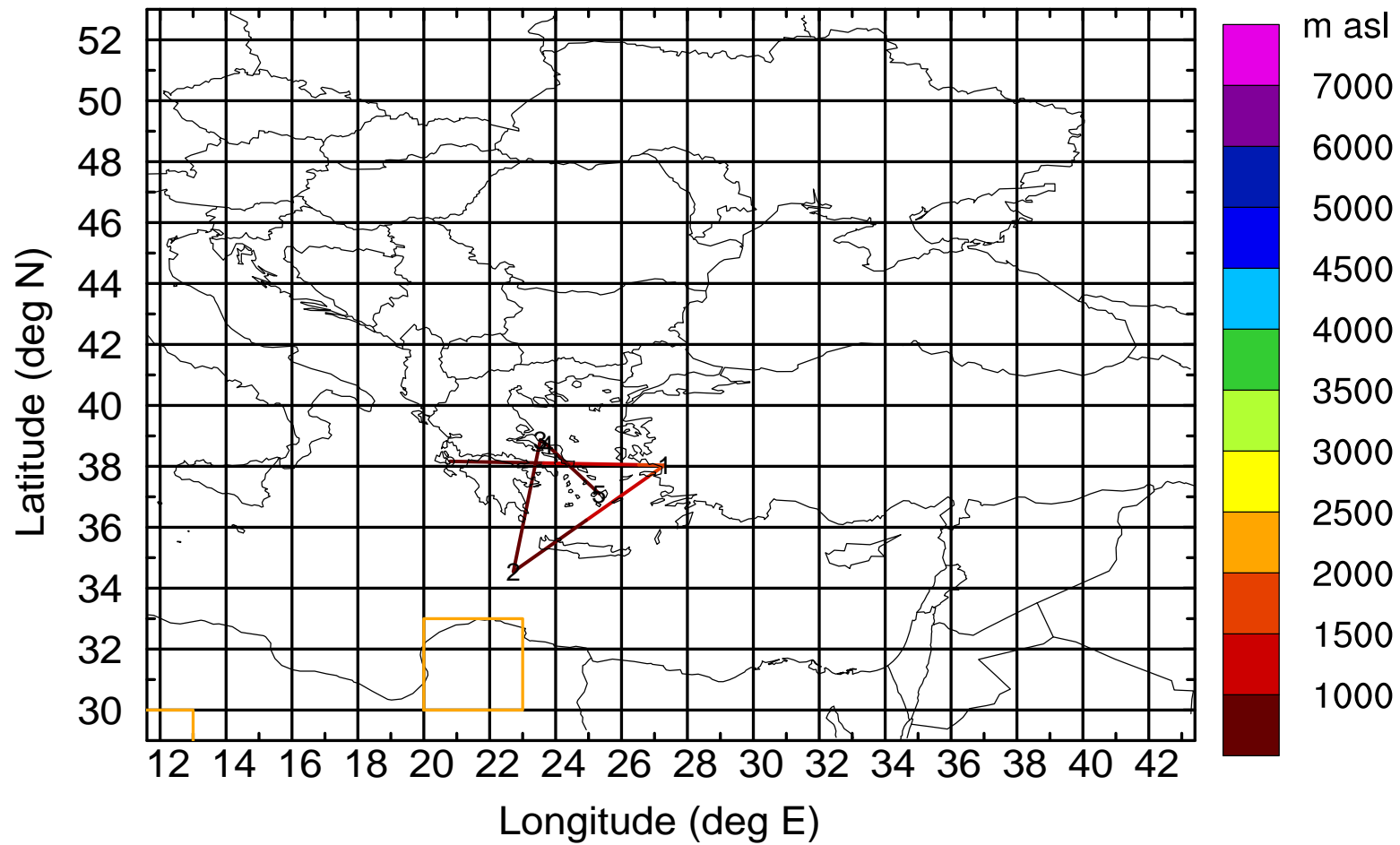
STS ground station 20170401

BWD 20170401/21 -78H = \*\*/15 UTC



STS ground station 20170401

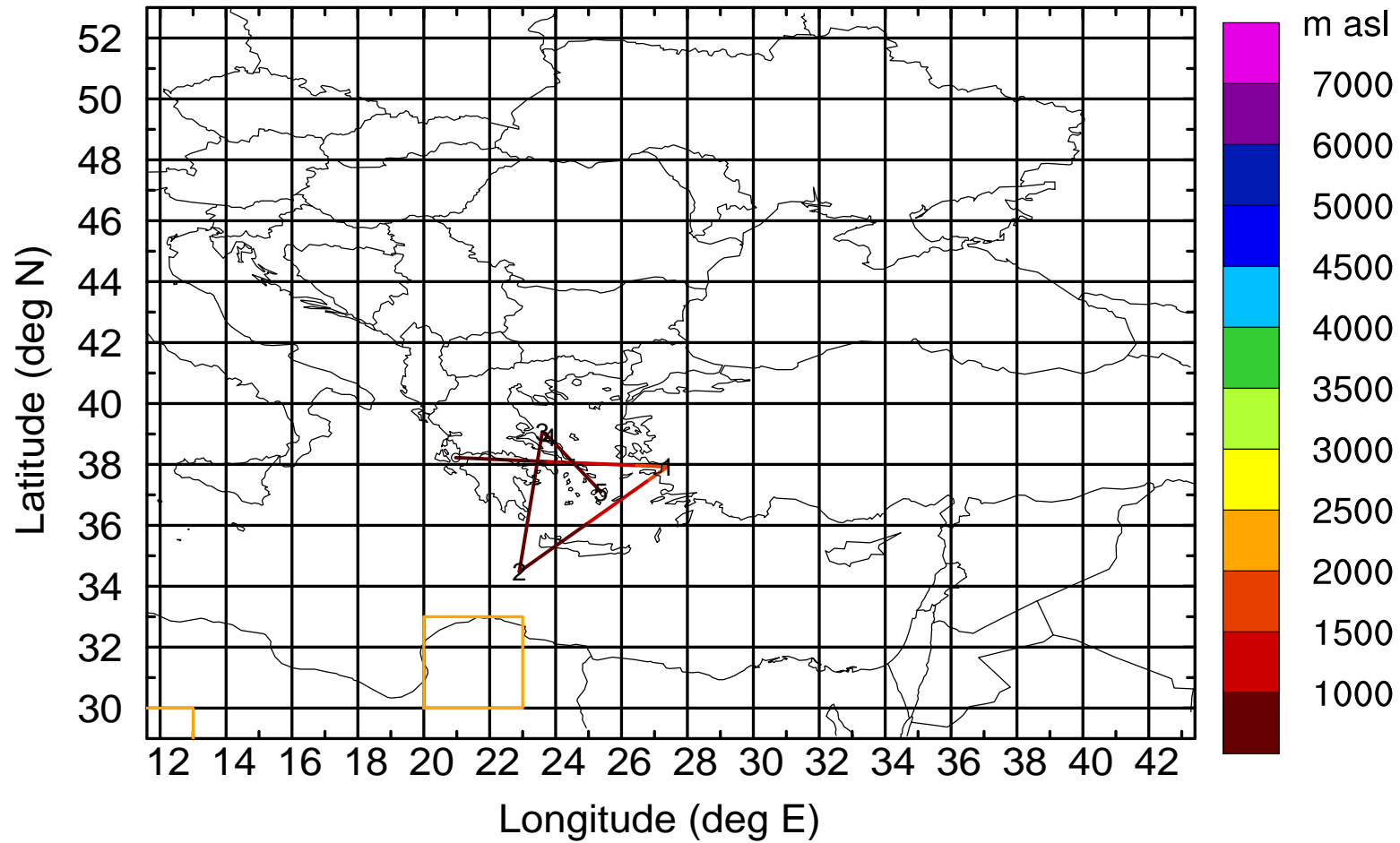
BWD 20170401/21 -79H = \*\*/14 UTC





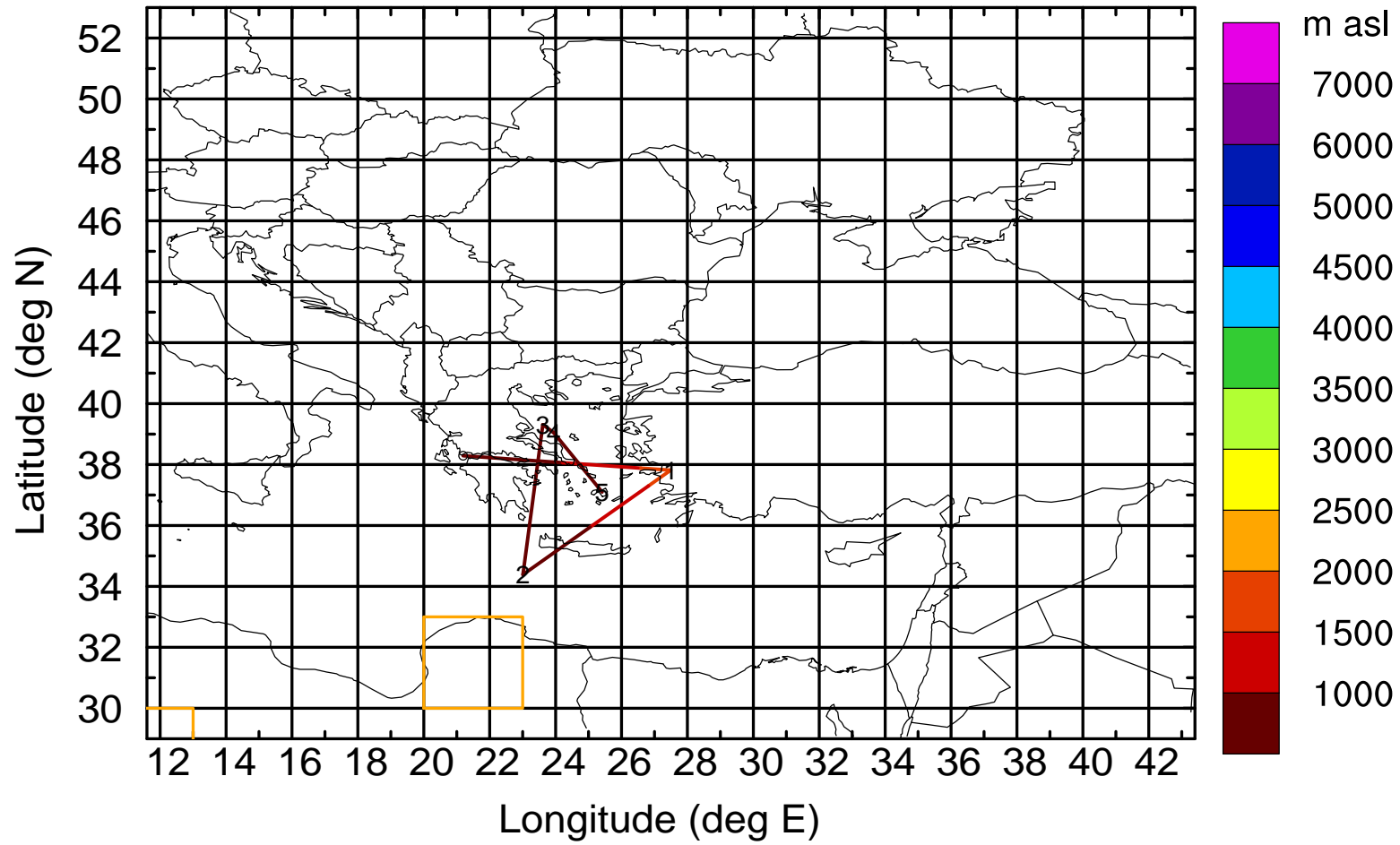
STS ground station 20170401

BWD 20170401/21 -80H = \*\*/13 UTC



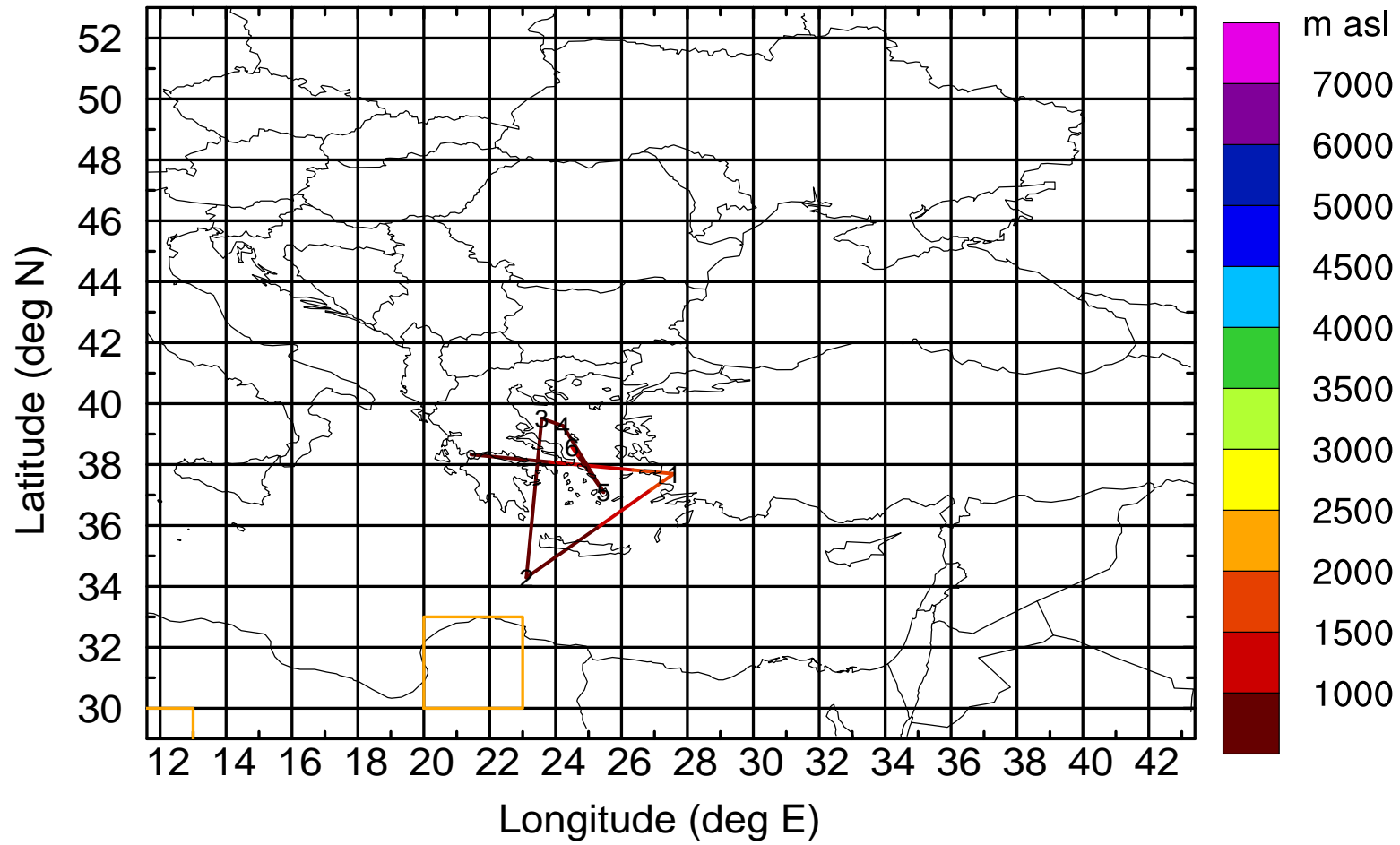
STS ground station 20170401

BWD 20170401/21 -81H = \*\*/12 UTC



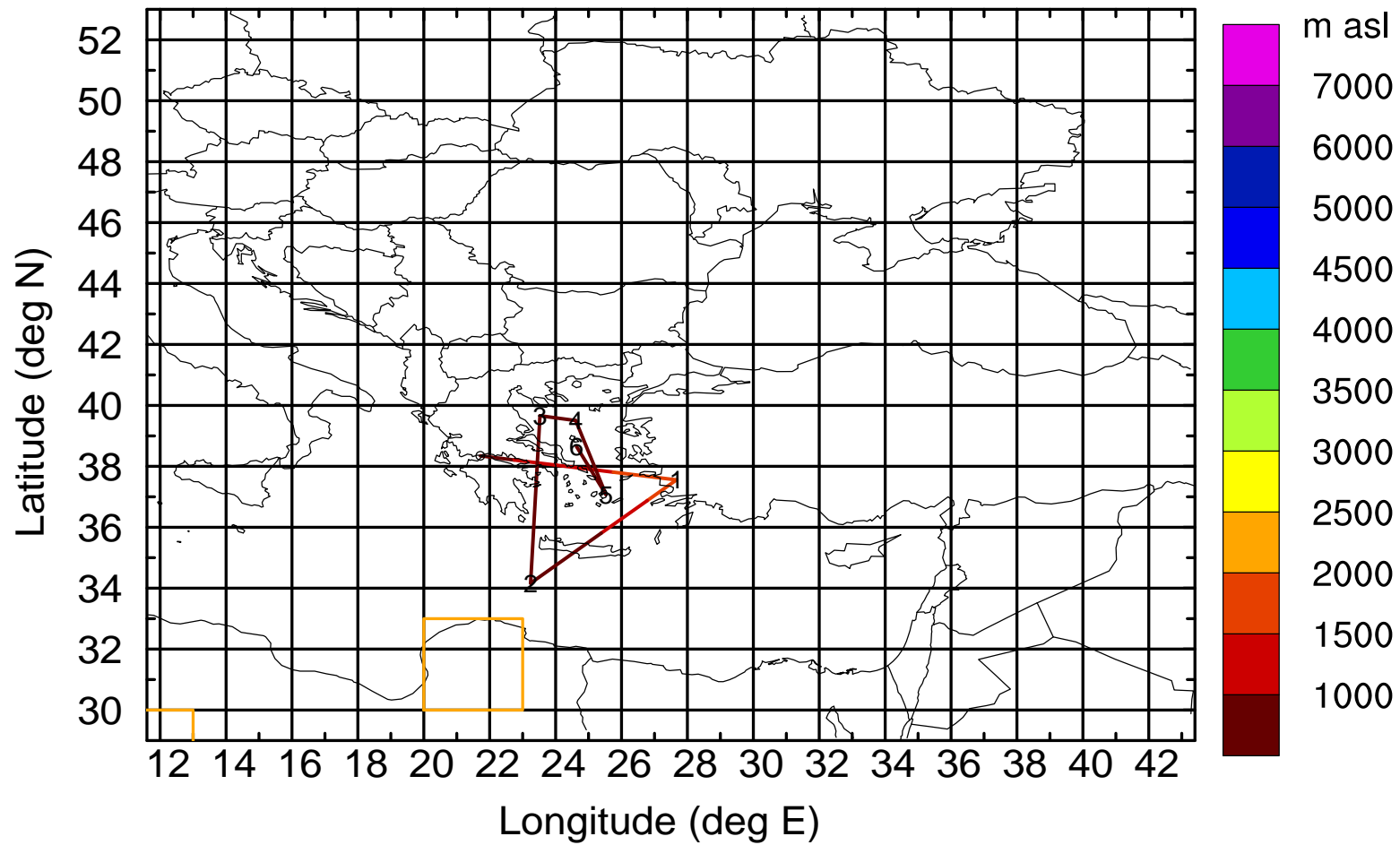
STS ground station 20170401

BWD 20170401/21 -82H = \*\*/11 UTC



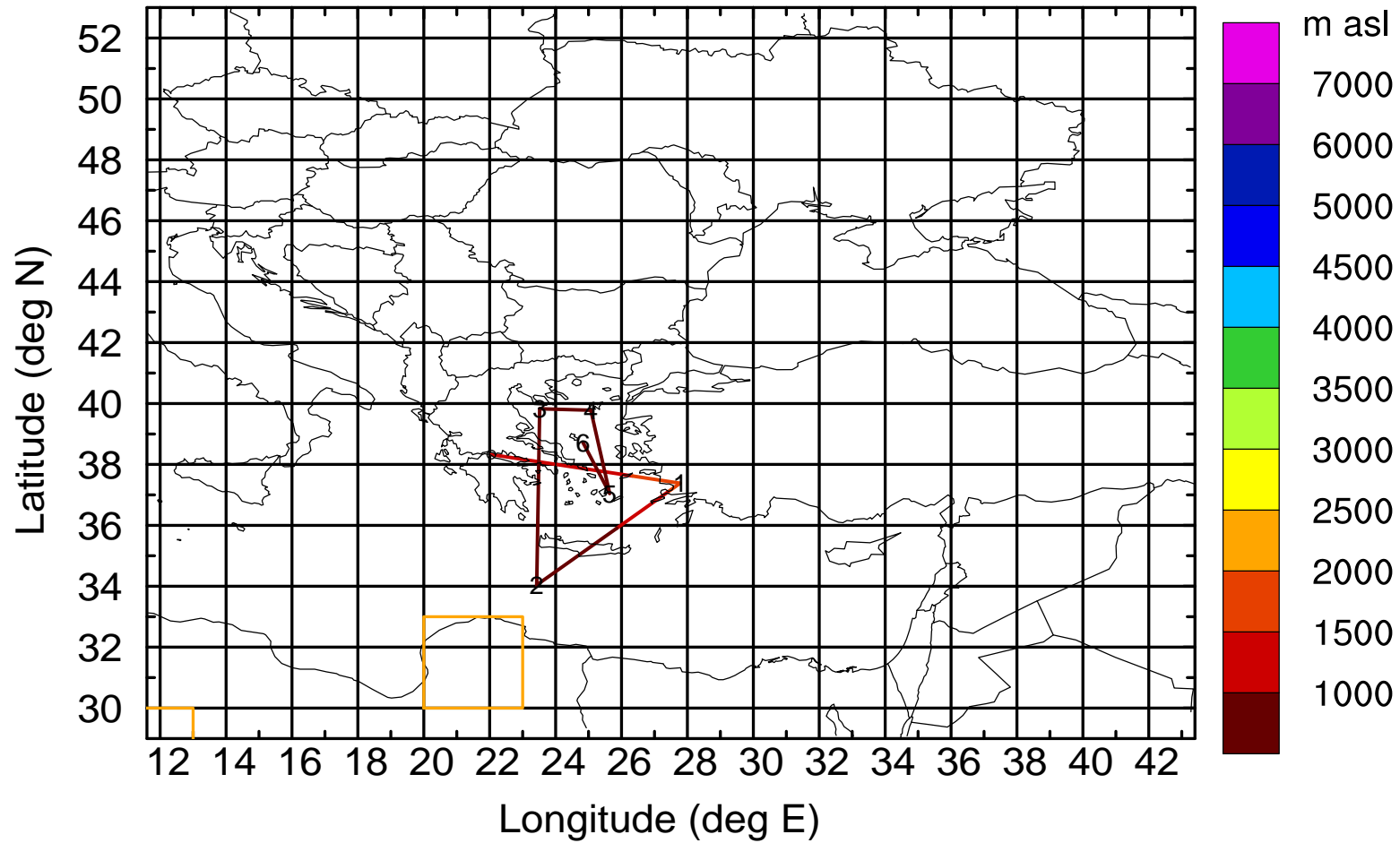
STS ground station 20170401

BWD 20170401/21 -83H = \*\*/10 UTC



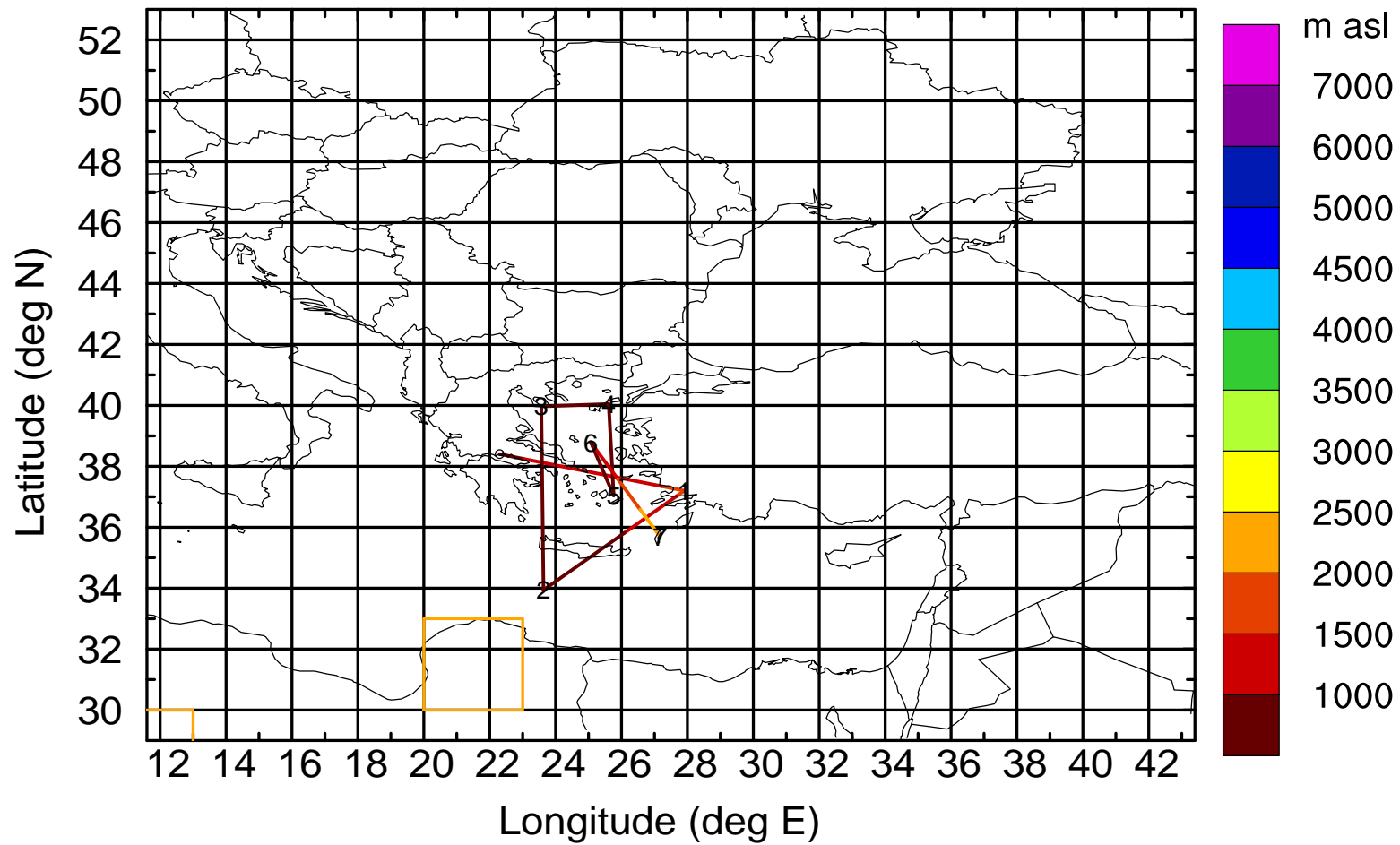
STS ground station 20170401

BWD 20170401/21 -84H = \*\*/09 UTC



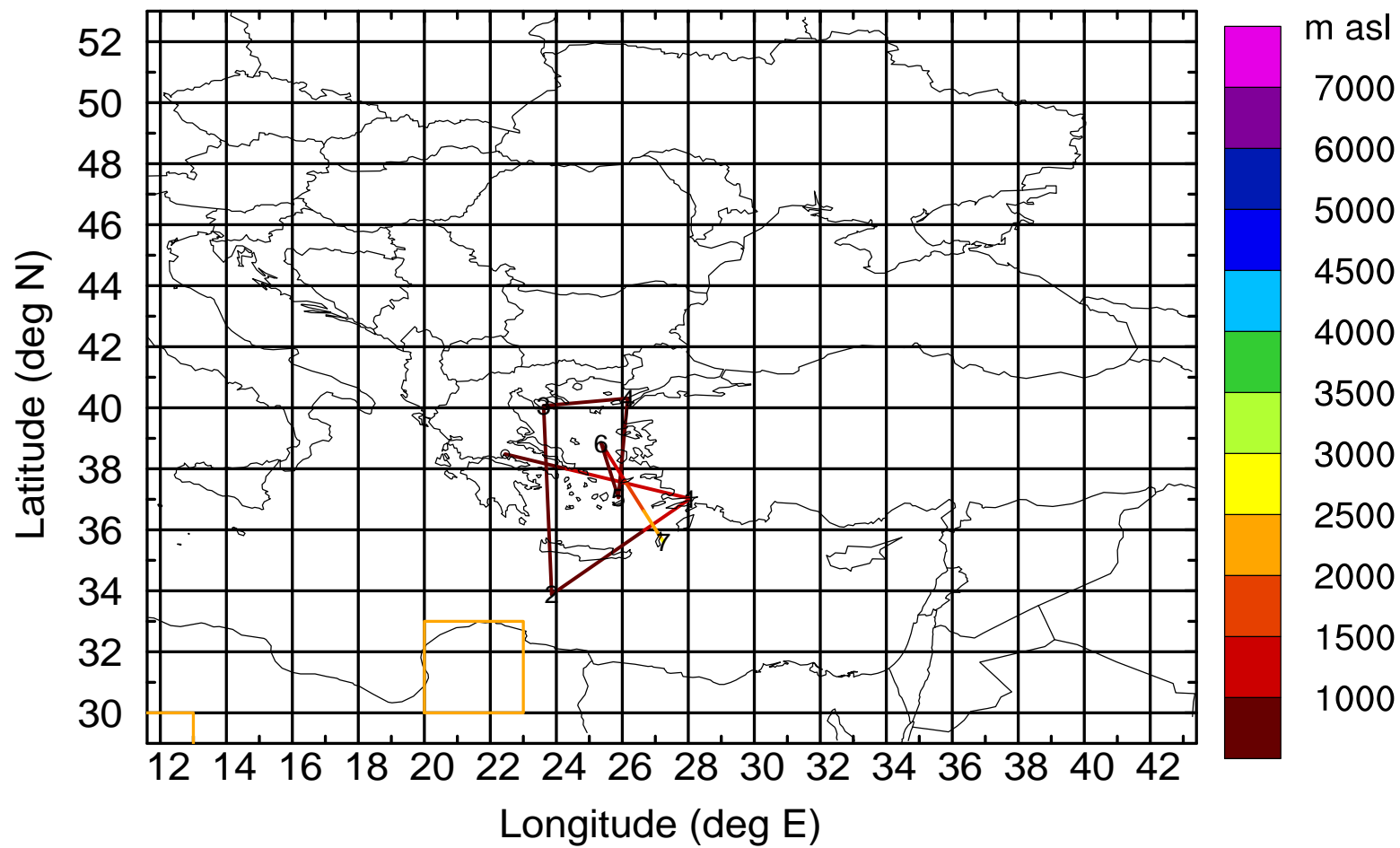
STS ground station 20170401

BWD 20170401/21 -85H = \*\*/08 UTC



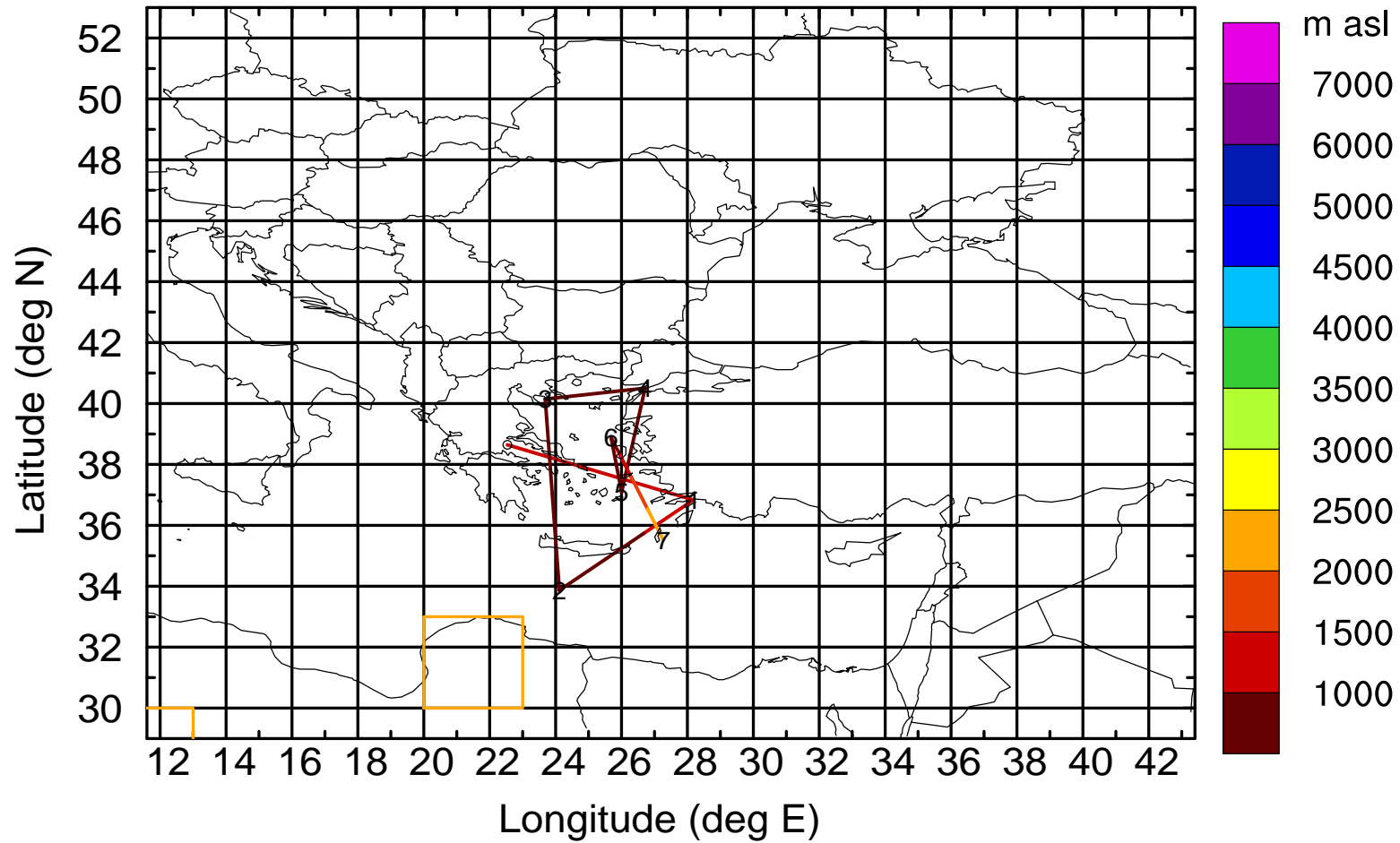
STS ground station 20170401

BWD 20170401/21 -86H = \*\*/07 UTC



STS ground station 20170401

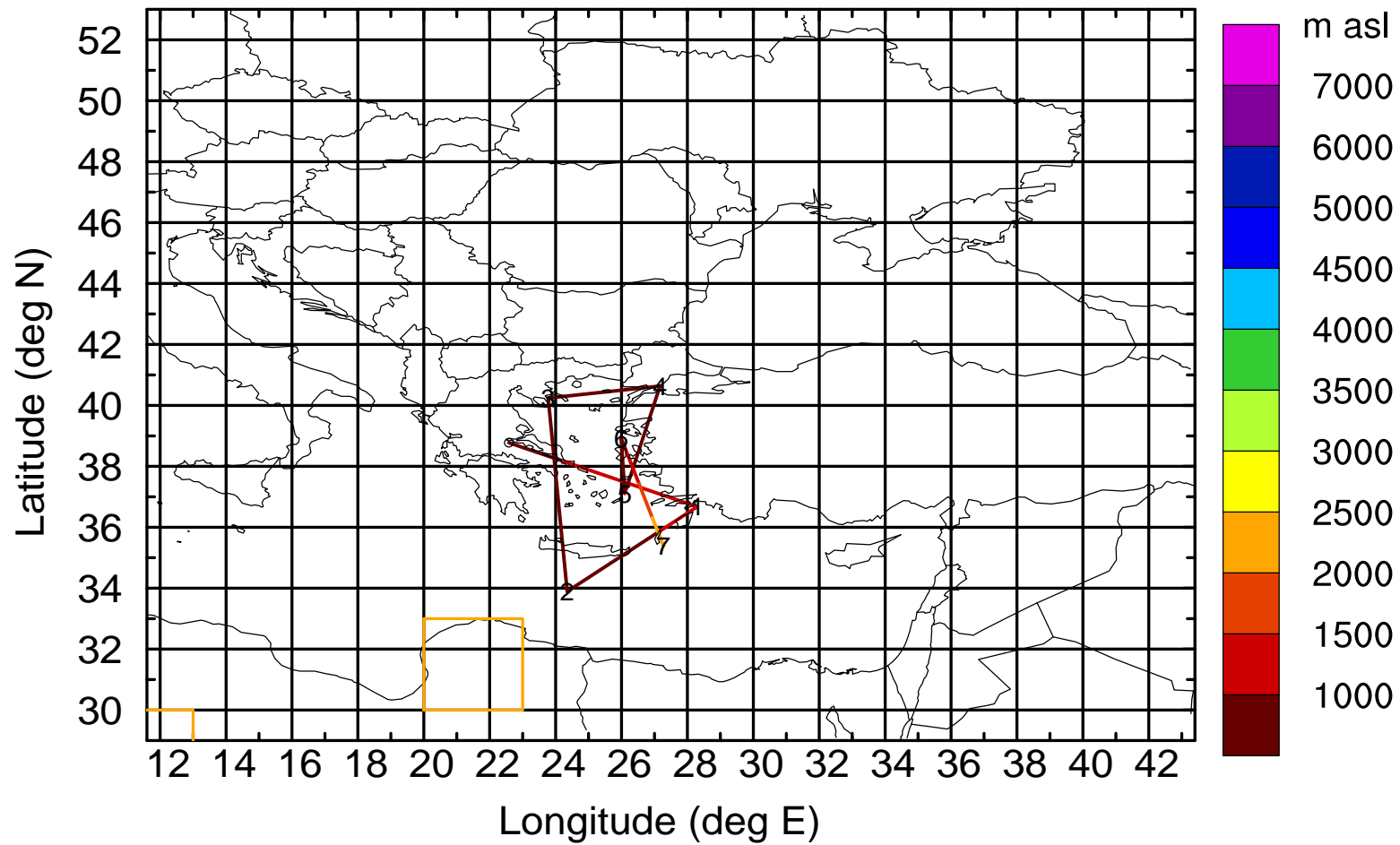
BWD 20170401/21 -87H = \*\*/06 UTC





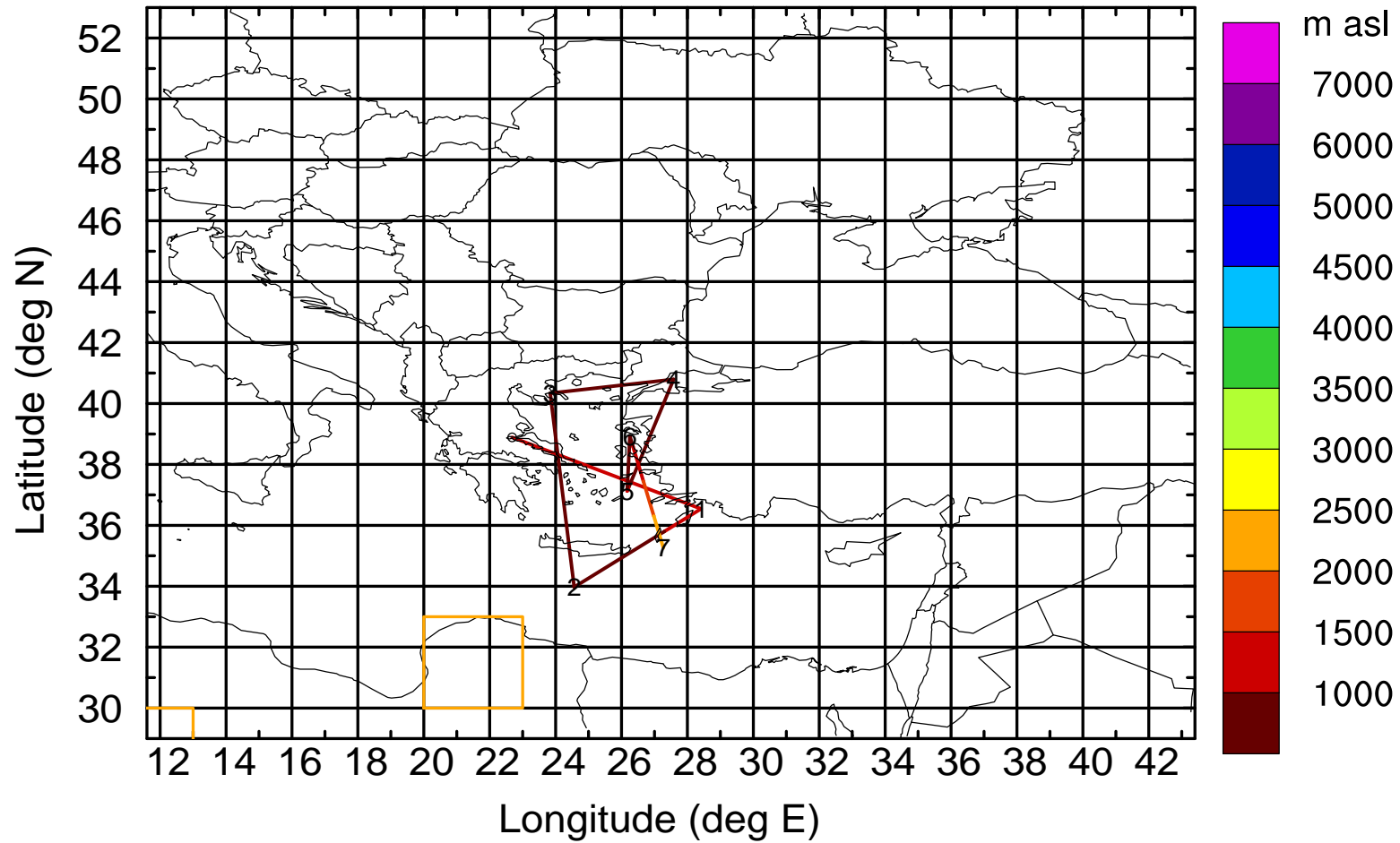
STS ground station 20170401

BWD 20170401/21 -88H = \*\*/05 UTC



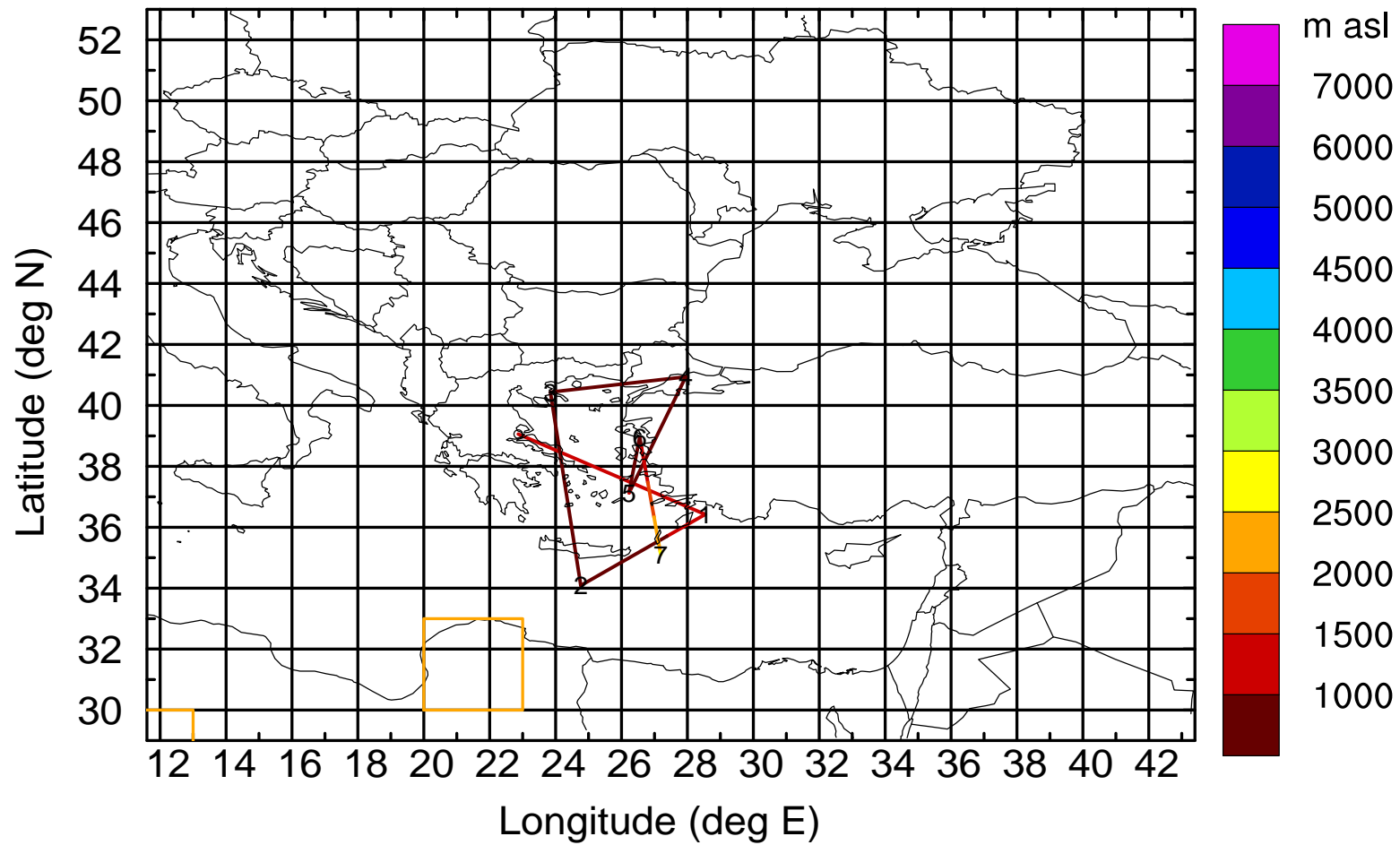
STS ground station 20170401

BWD 20170401/21 -89H = \*\*/04 UTC



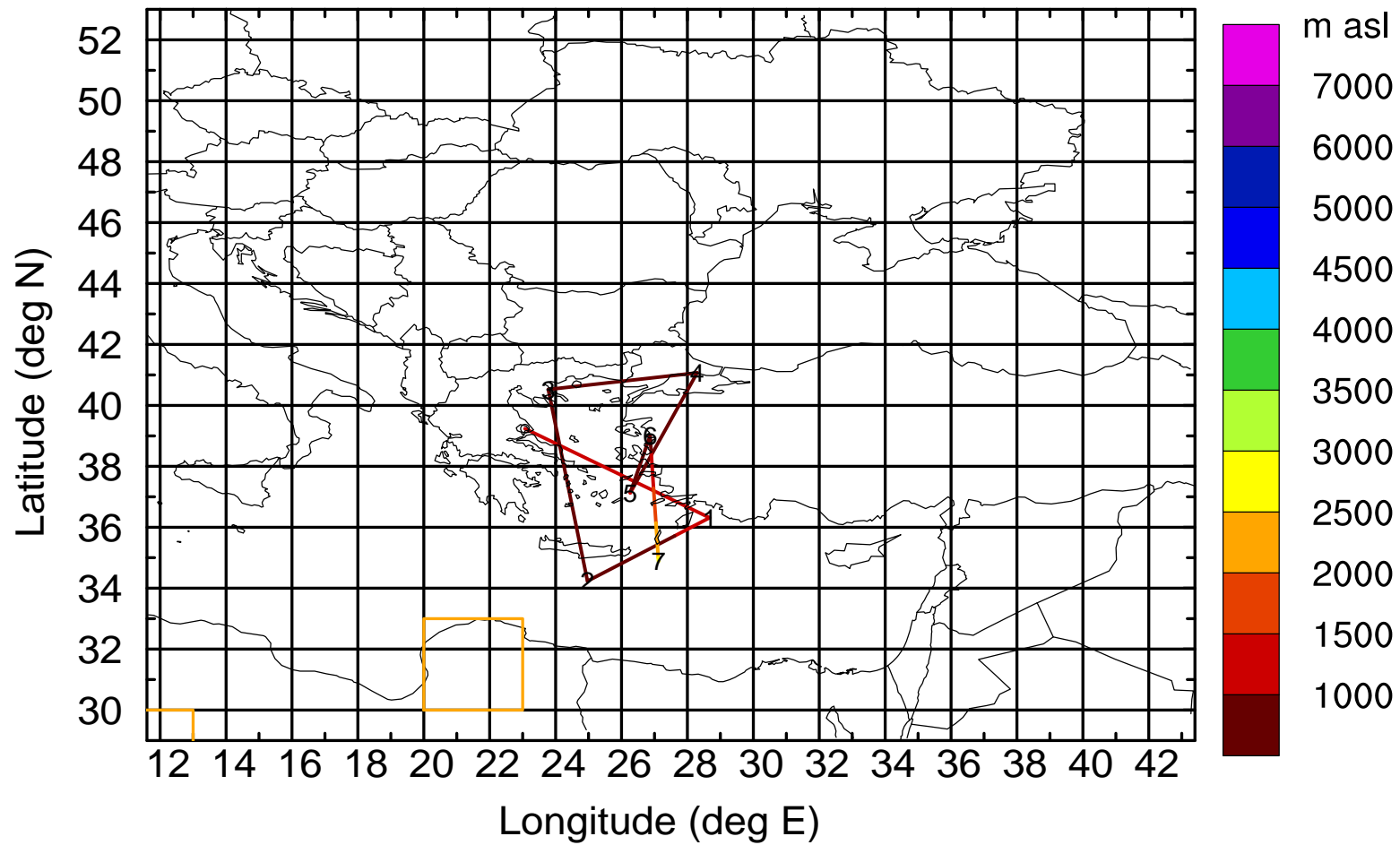
STS ground station 20170401

BWD 20170401/21 -90H = \*\*/03 UTC



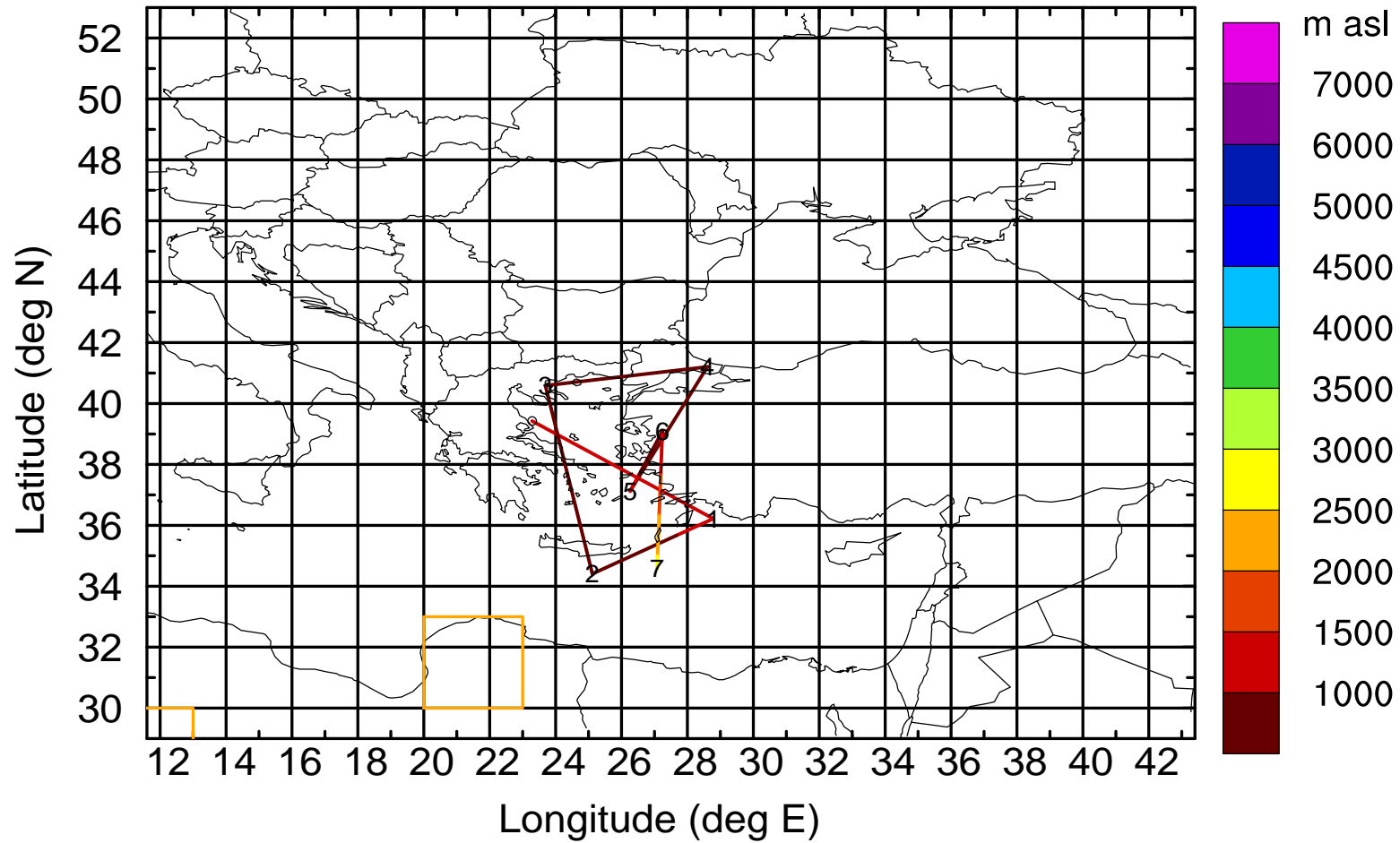
STS ground station 20170401

BWD 20170401/21 -91H = \*\*/02 UTC



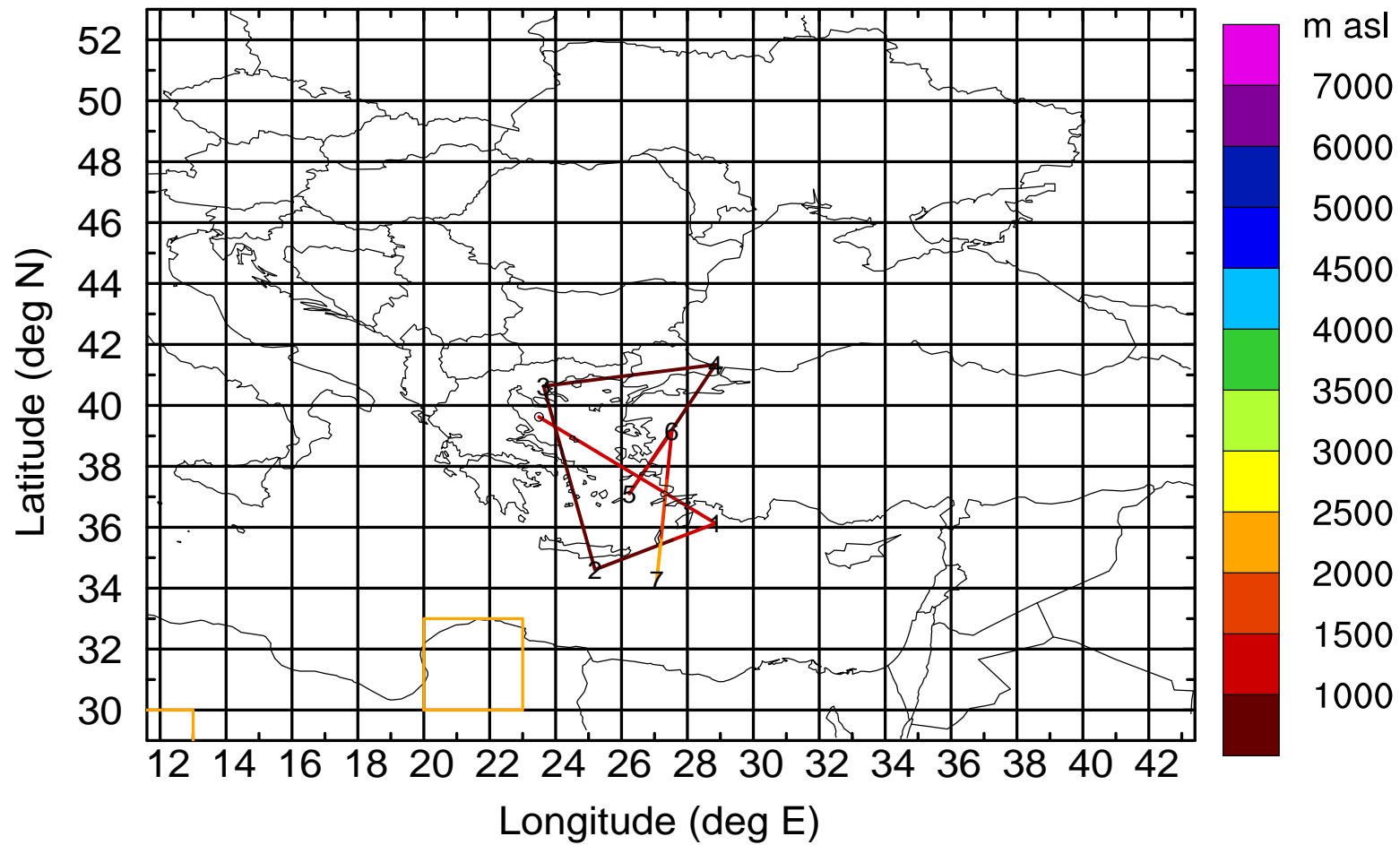
STS ground station 20170401

BWD 20170401/21 -92H = \*\*/01 UTC



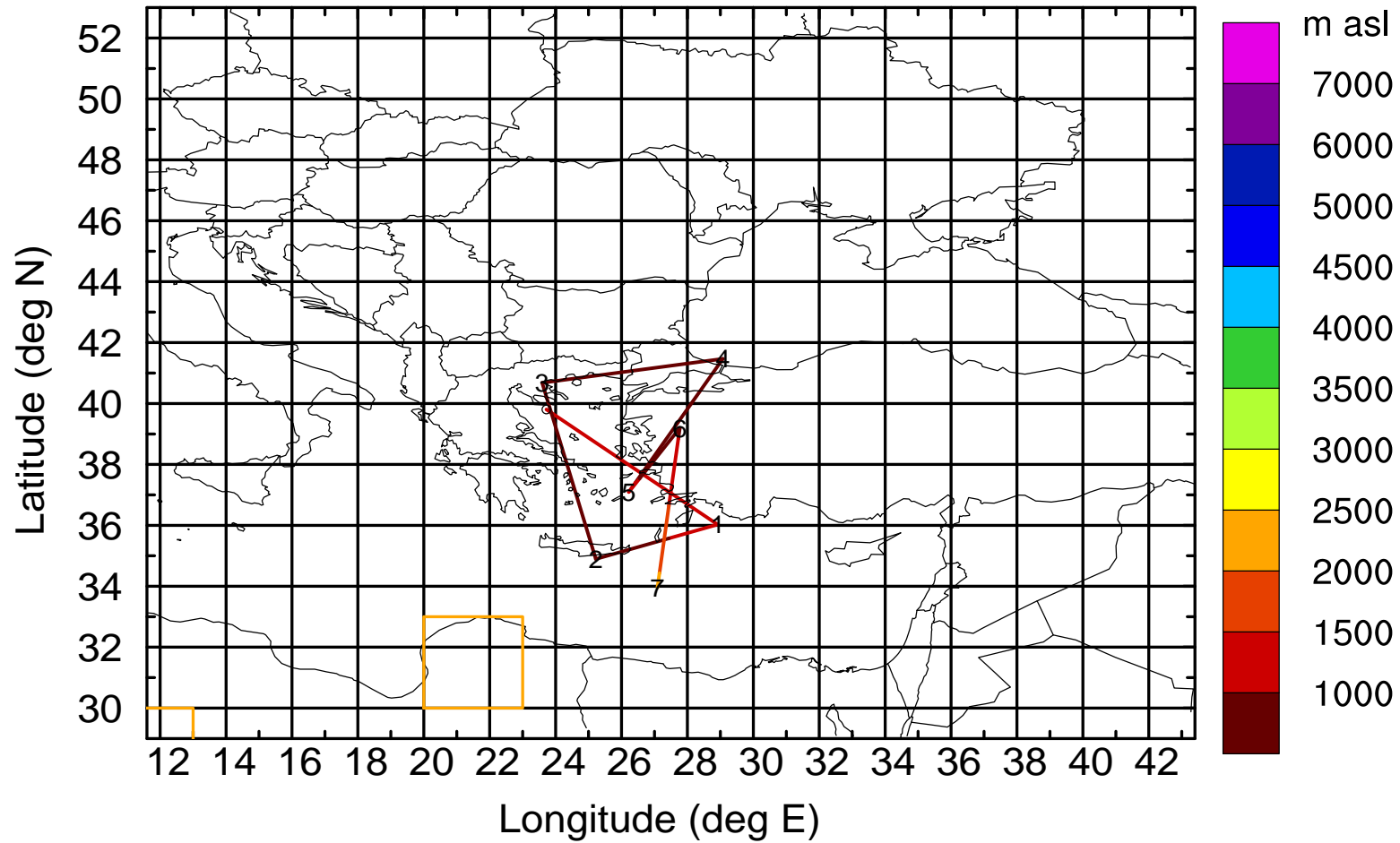
STS ground station 20170401

BWD 20170401/21 -93H = \*\*/00 UTC



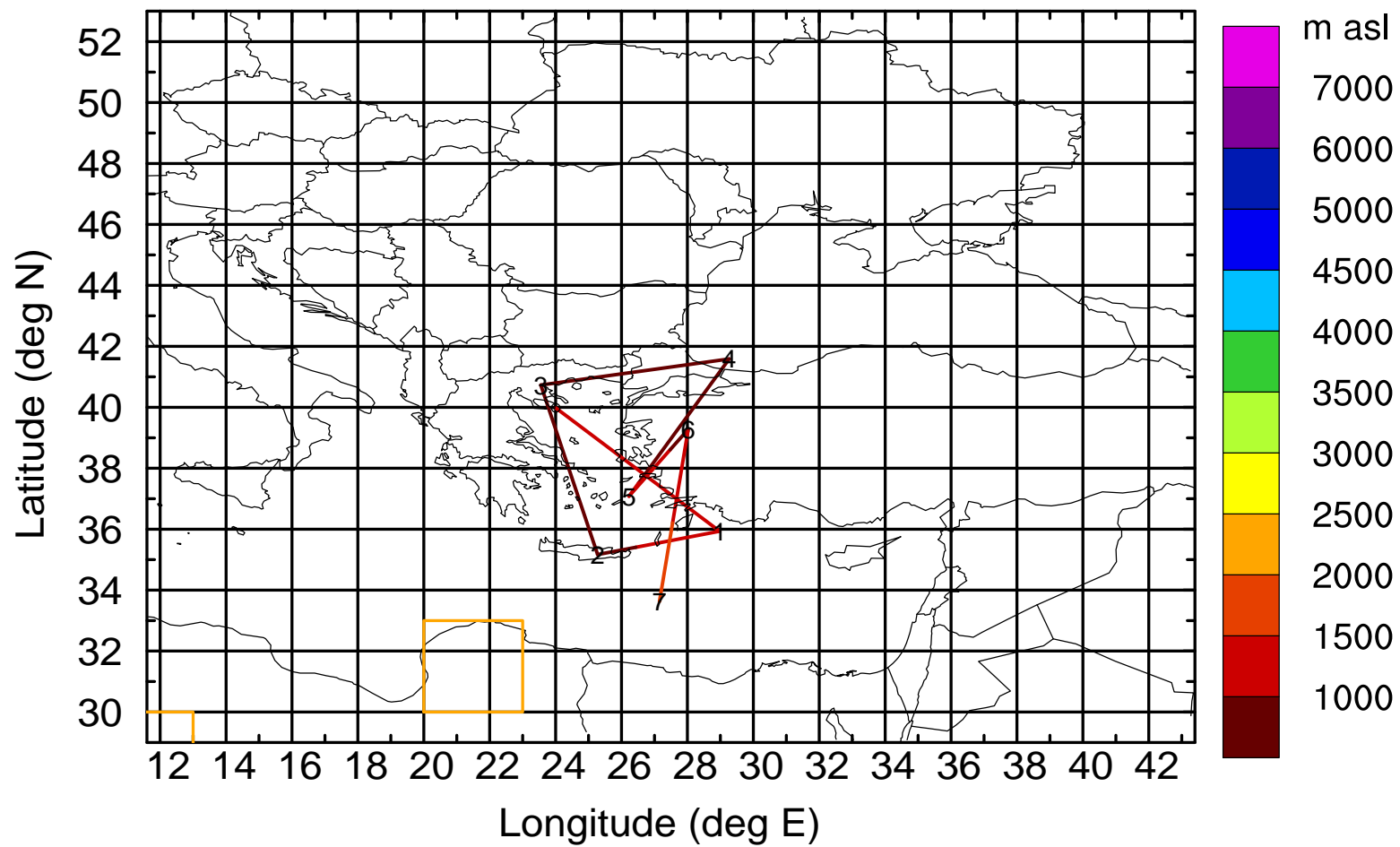
STS ground station 20170401

BWD 20170401/21 -94H = \*\*/23 UTC



STS ground station 20170401

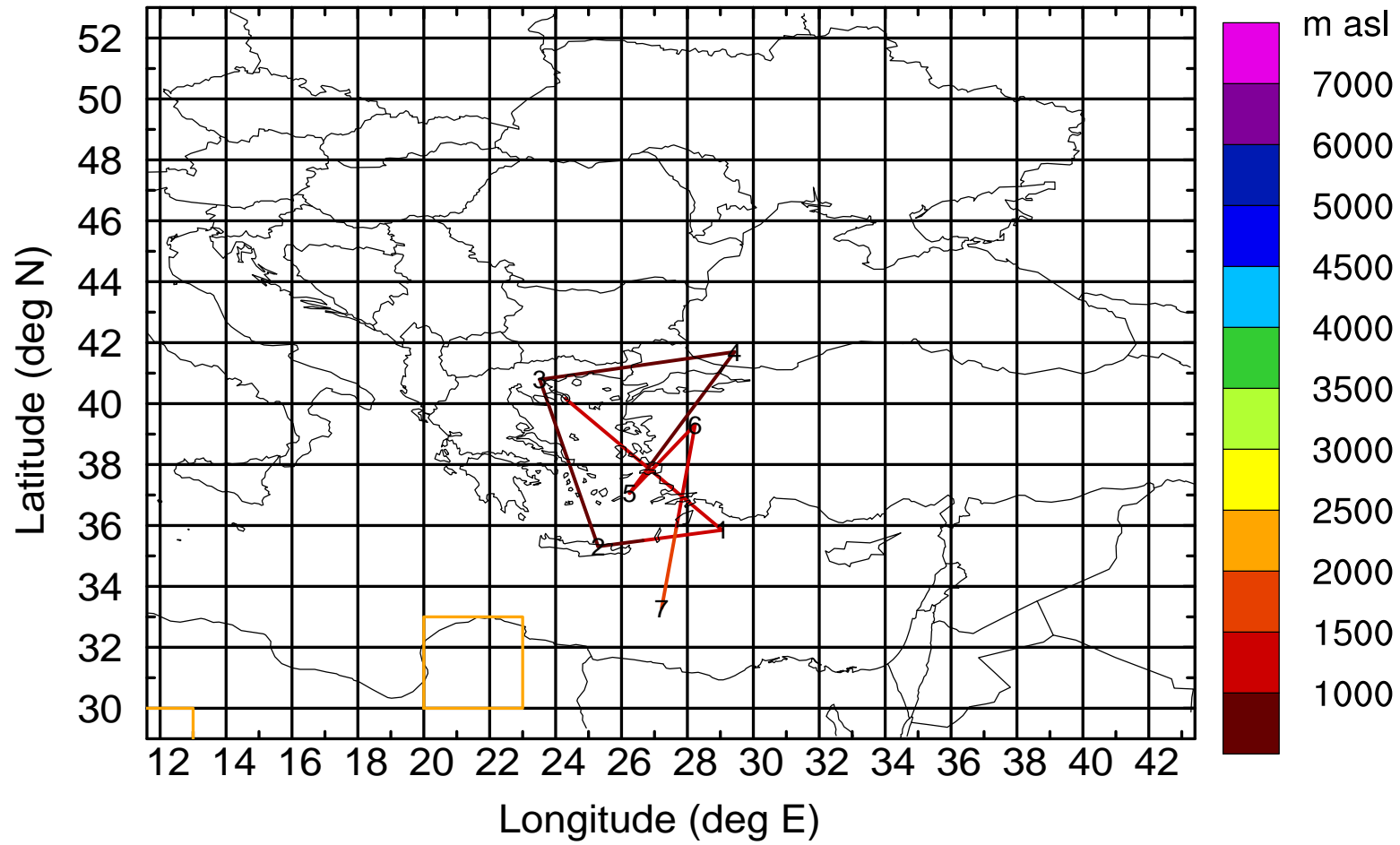
BWD 20170401/21 -95H = \*\*/22 UTC





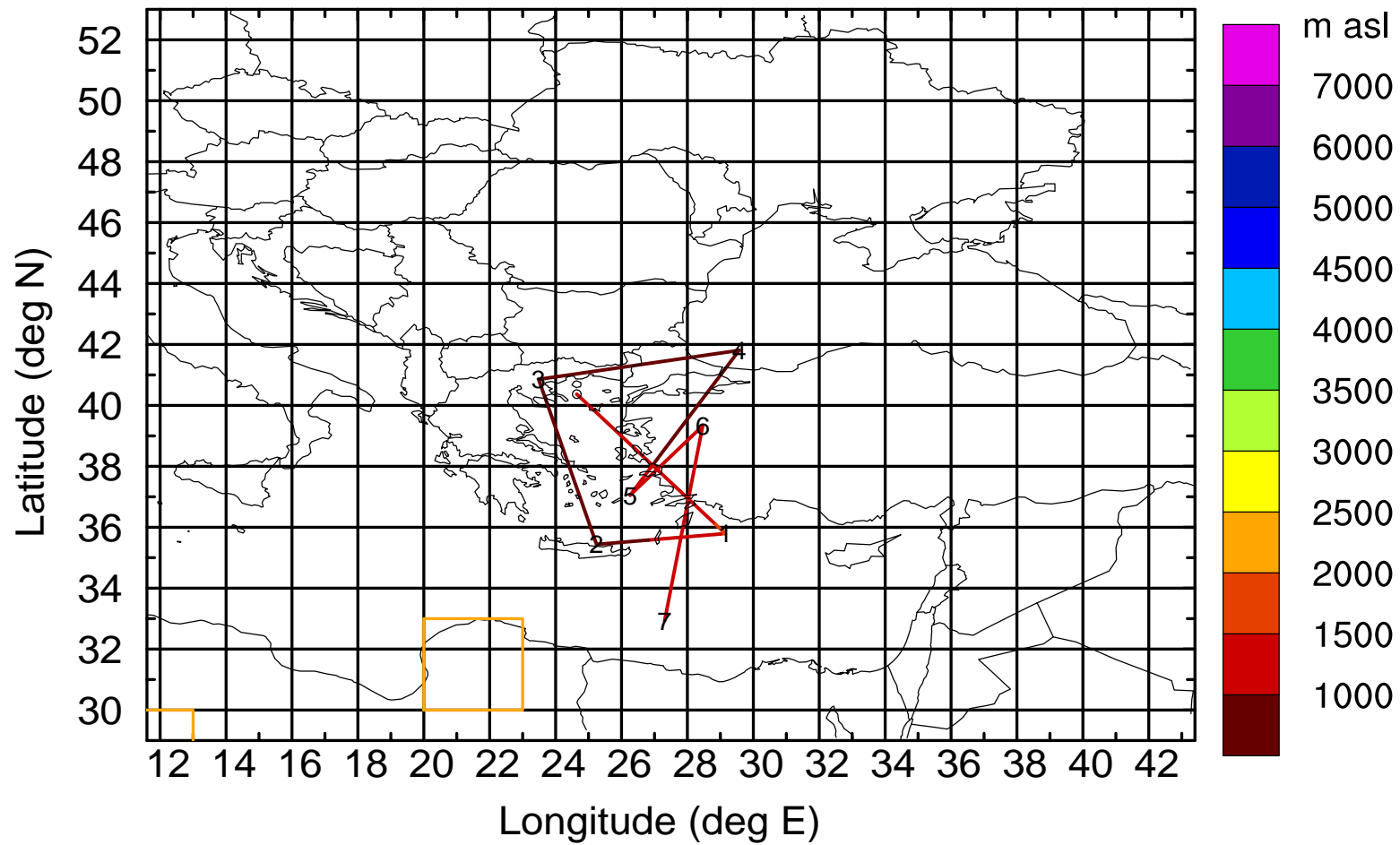
STS ground station 20170401

BWD 20170401/21 -96H = \*\*/21 UTC



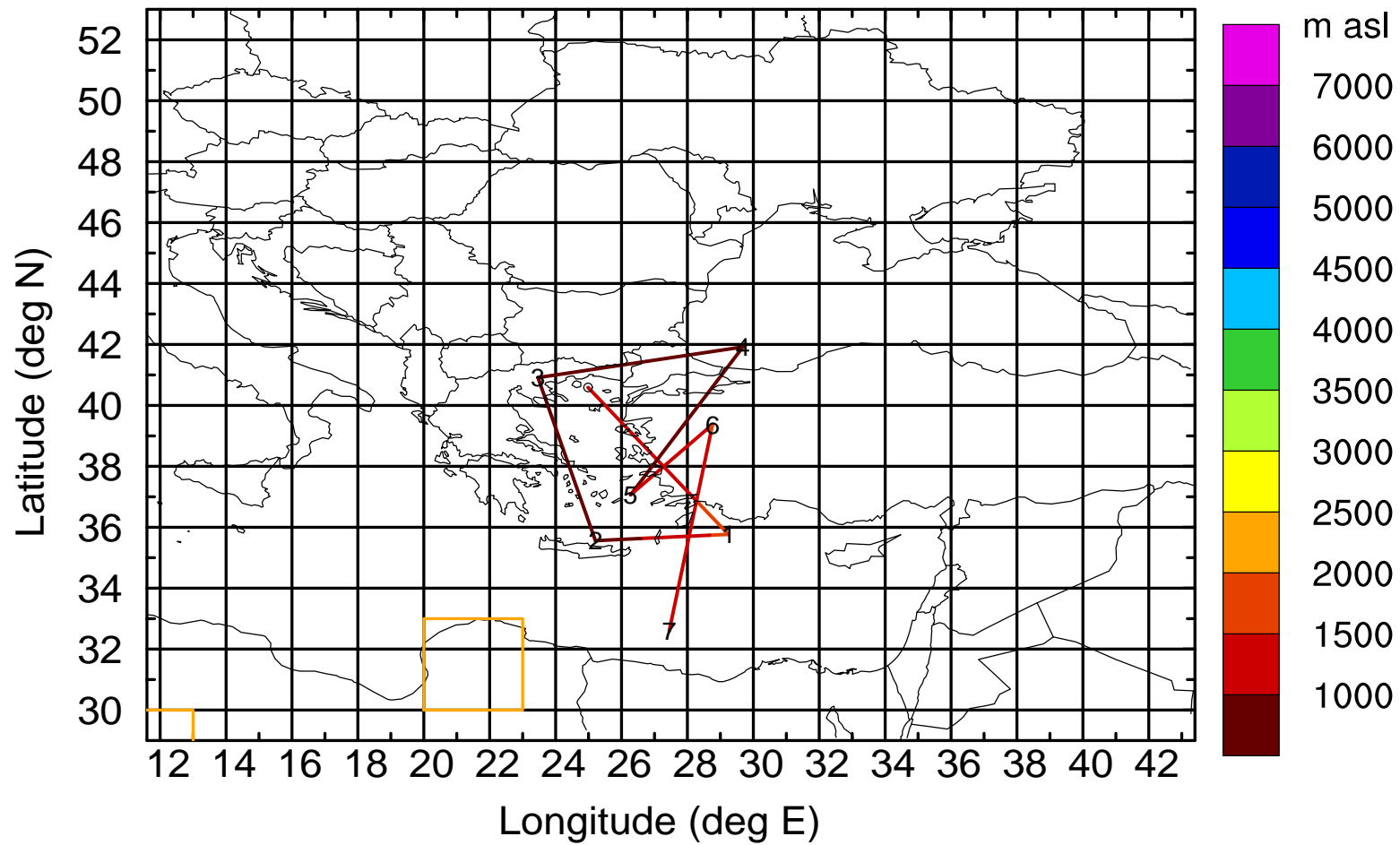
STS ground station 20170401

BWD 20170401/21 -97H = \*\*/20 UTC



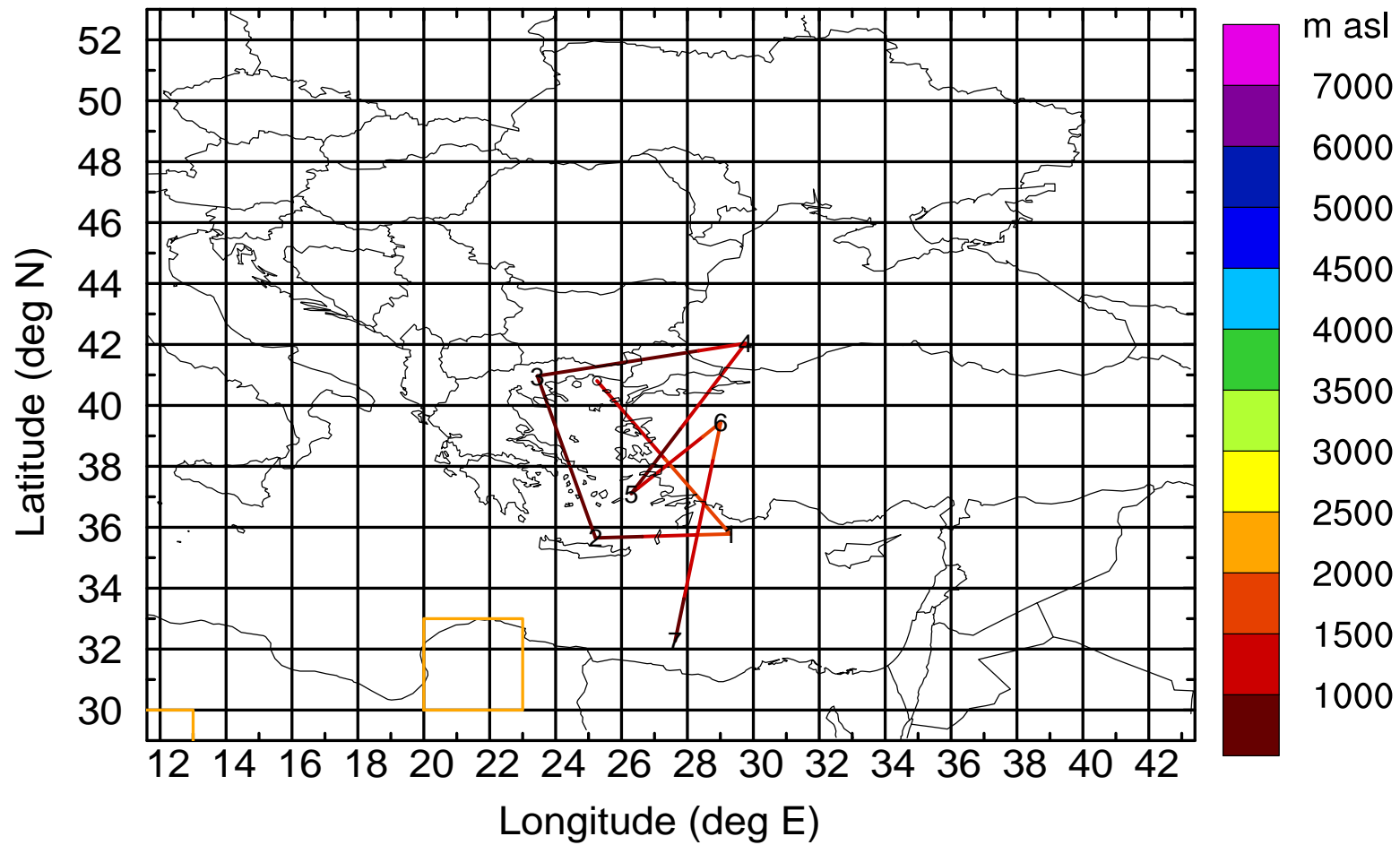
STS ground station 20170401

BWD 20170401/21 -98H = \*\*/19 UTC



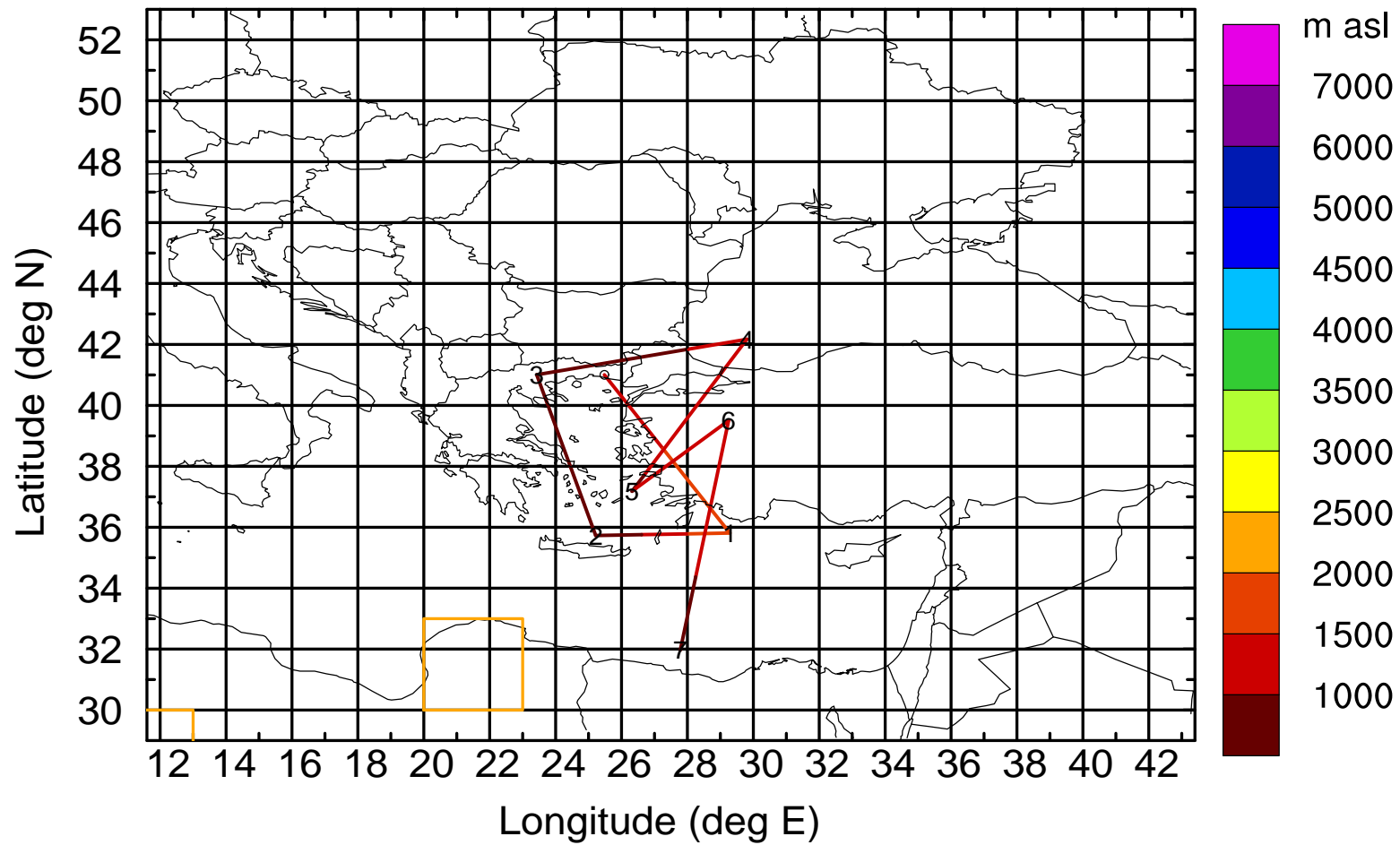
STS ground station 20170401

BWD 20170401/21 -99H = \*\*/18 UTC



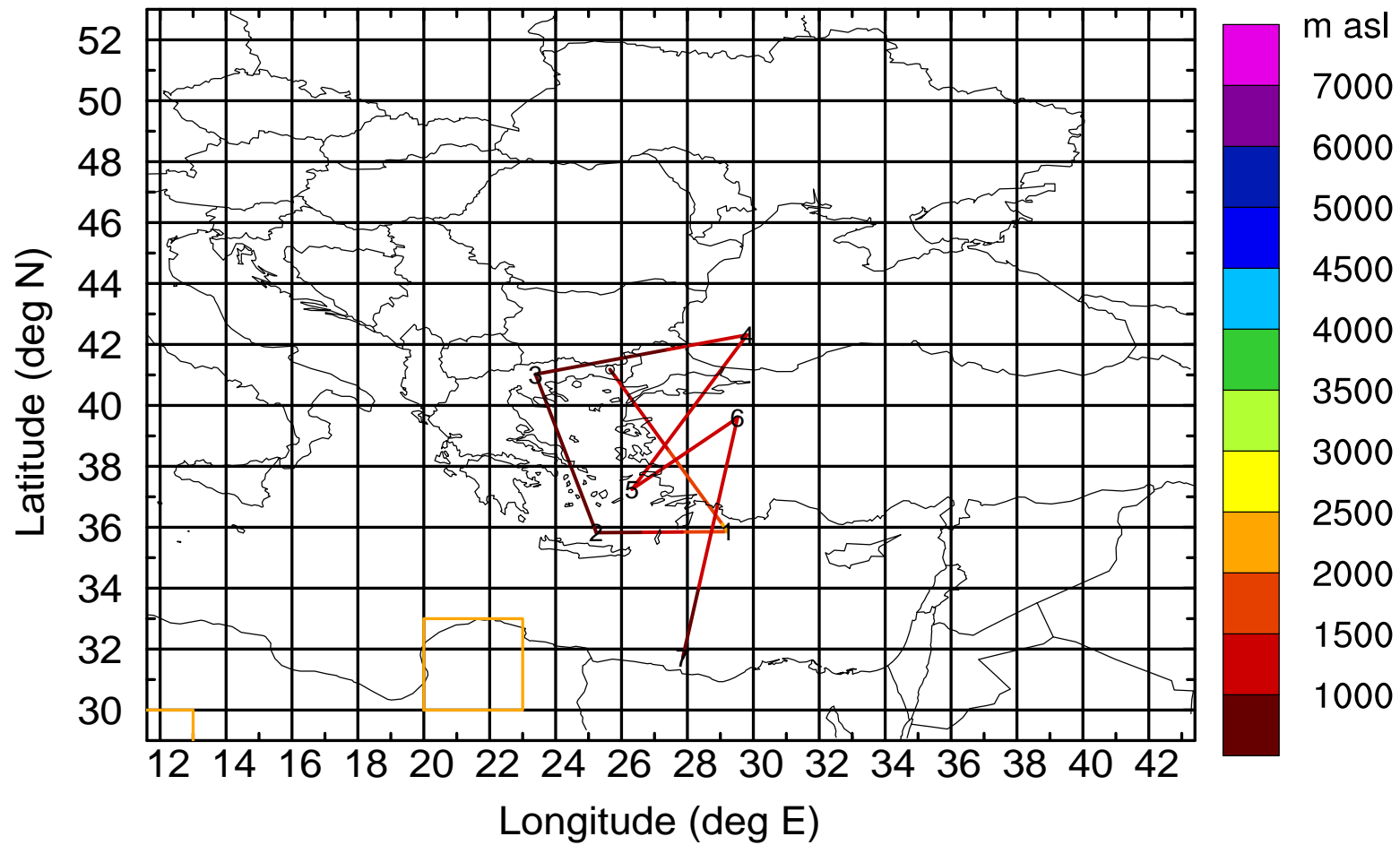
STS ground station 20170401

BWD 20170401/21-100H = \*\*/17 UTC



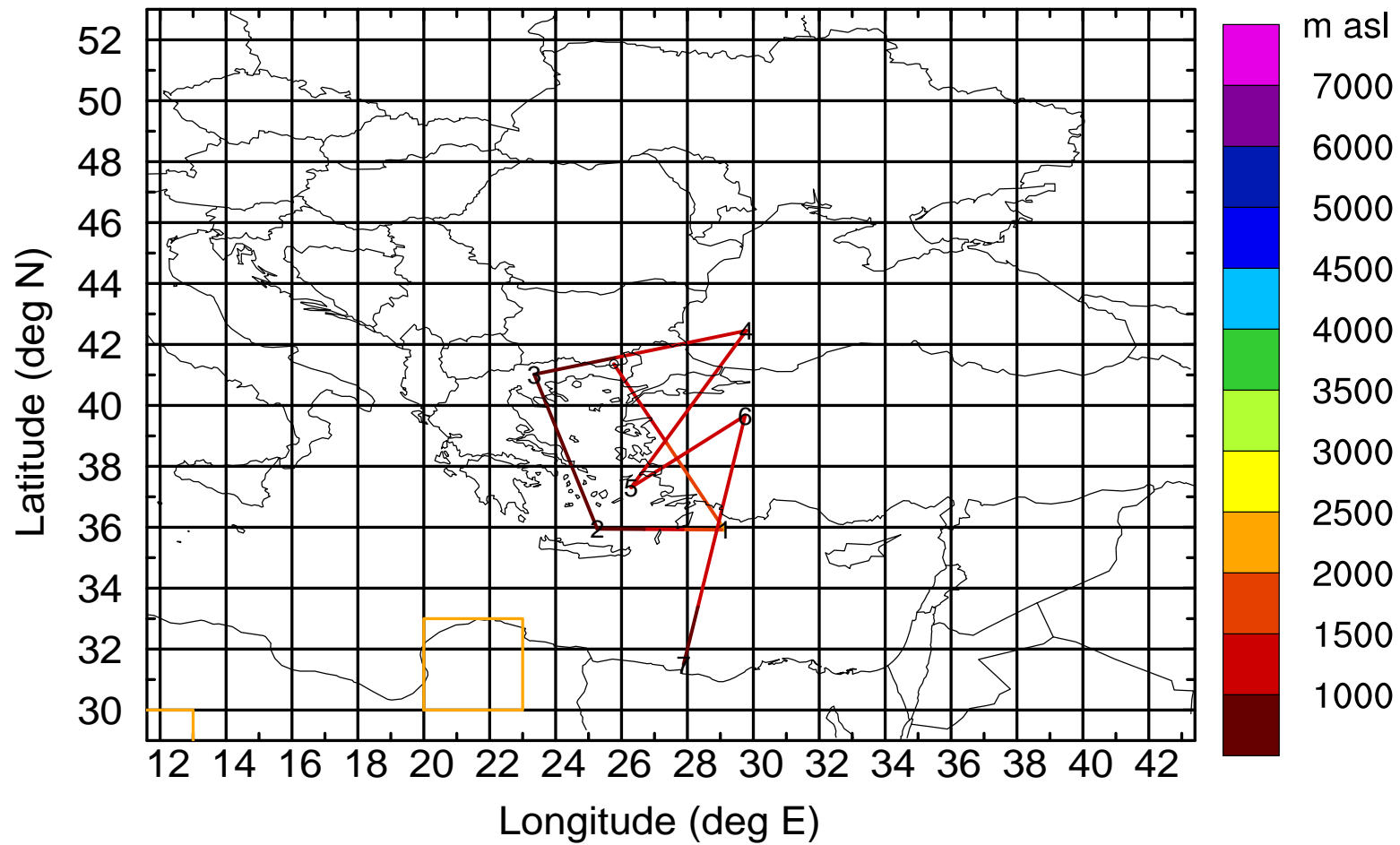
STS ground station 20170401

BWD 20170401/21-101H = \*\*/16 UTC



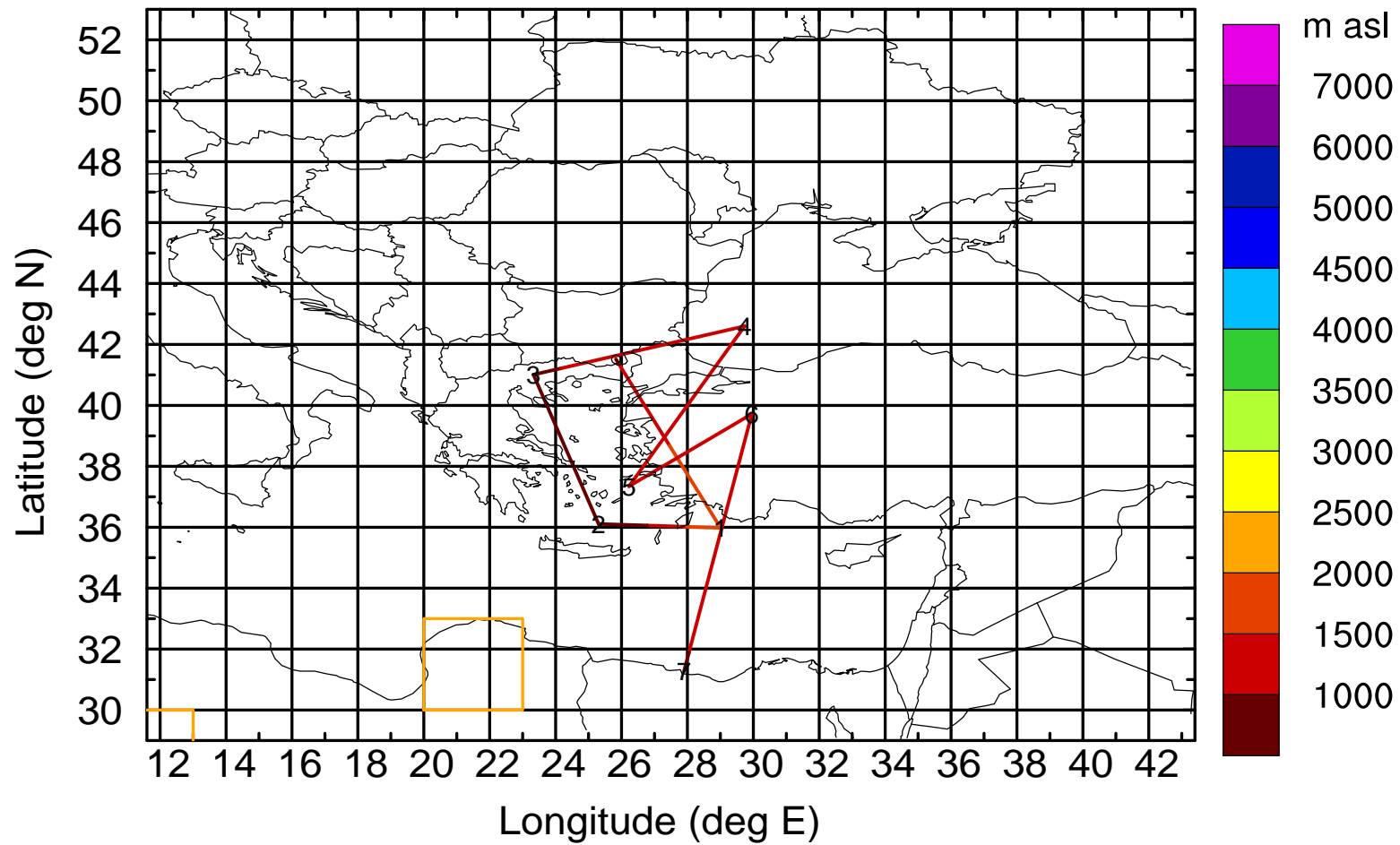
STS ground station 20170401

BWD 20170401/21-102H = \*\*/15 UTC



STS ground station 20170401

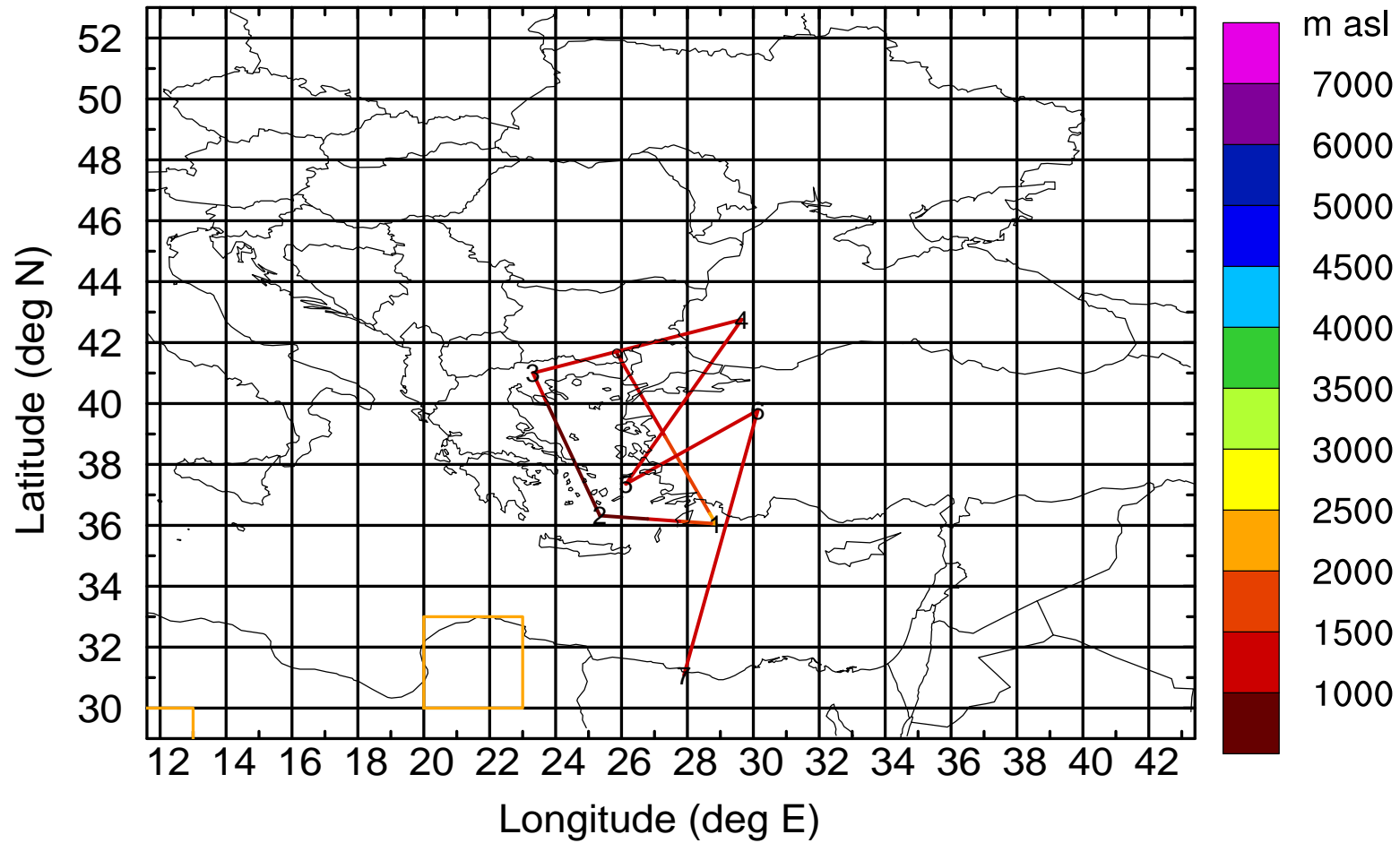
BWD 20170401/21-103H = \*\*/14 UTC





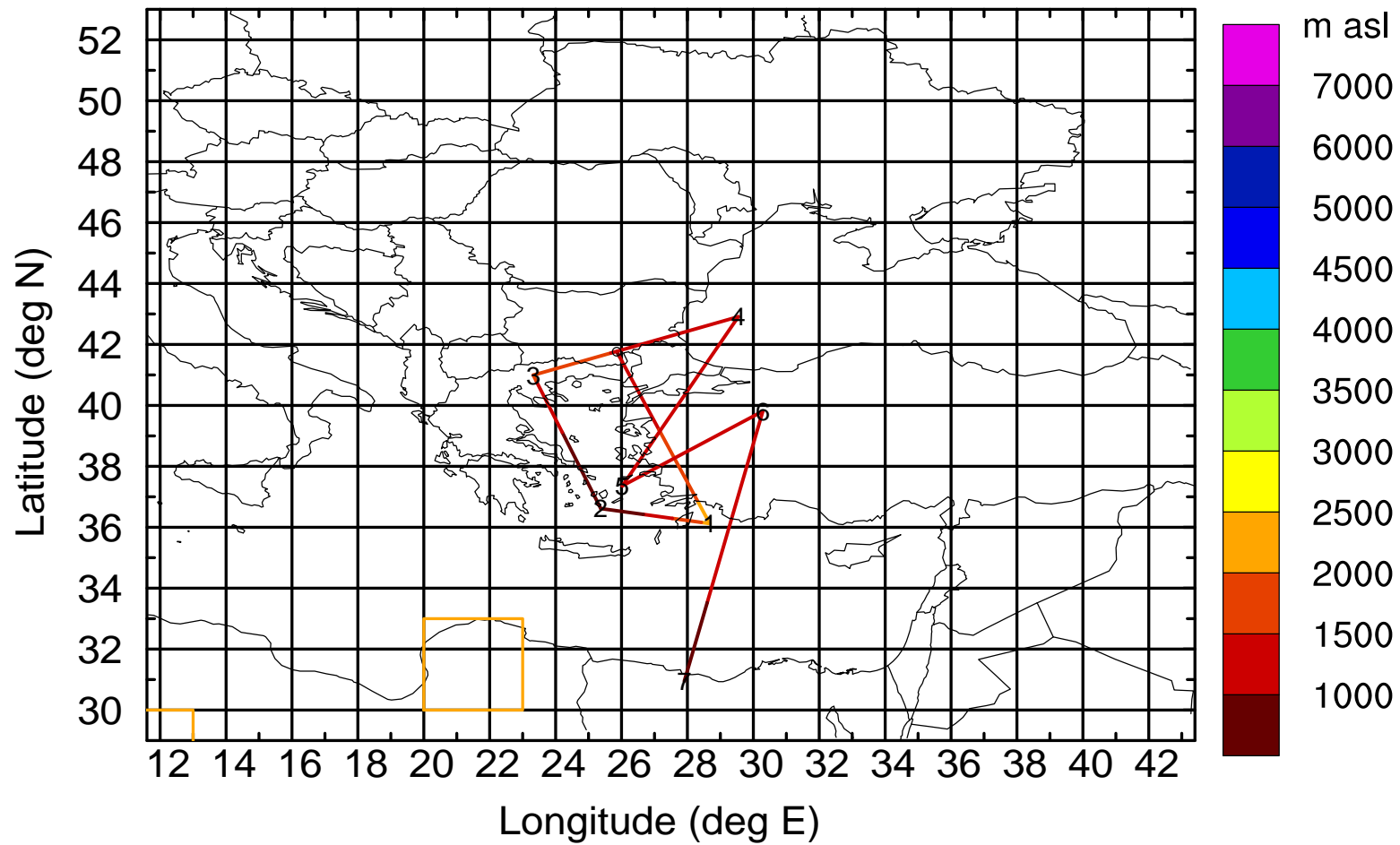
STS ground station 20170401

BWD 20170401/21-104H = \*\*/13 UTC



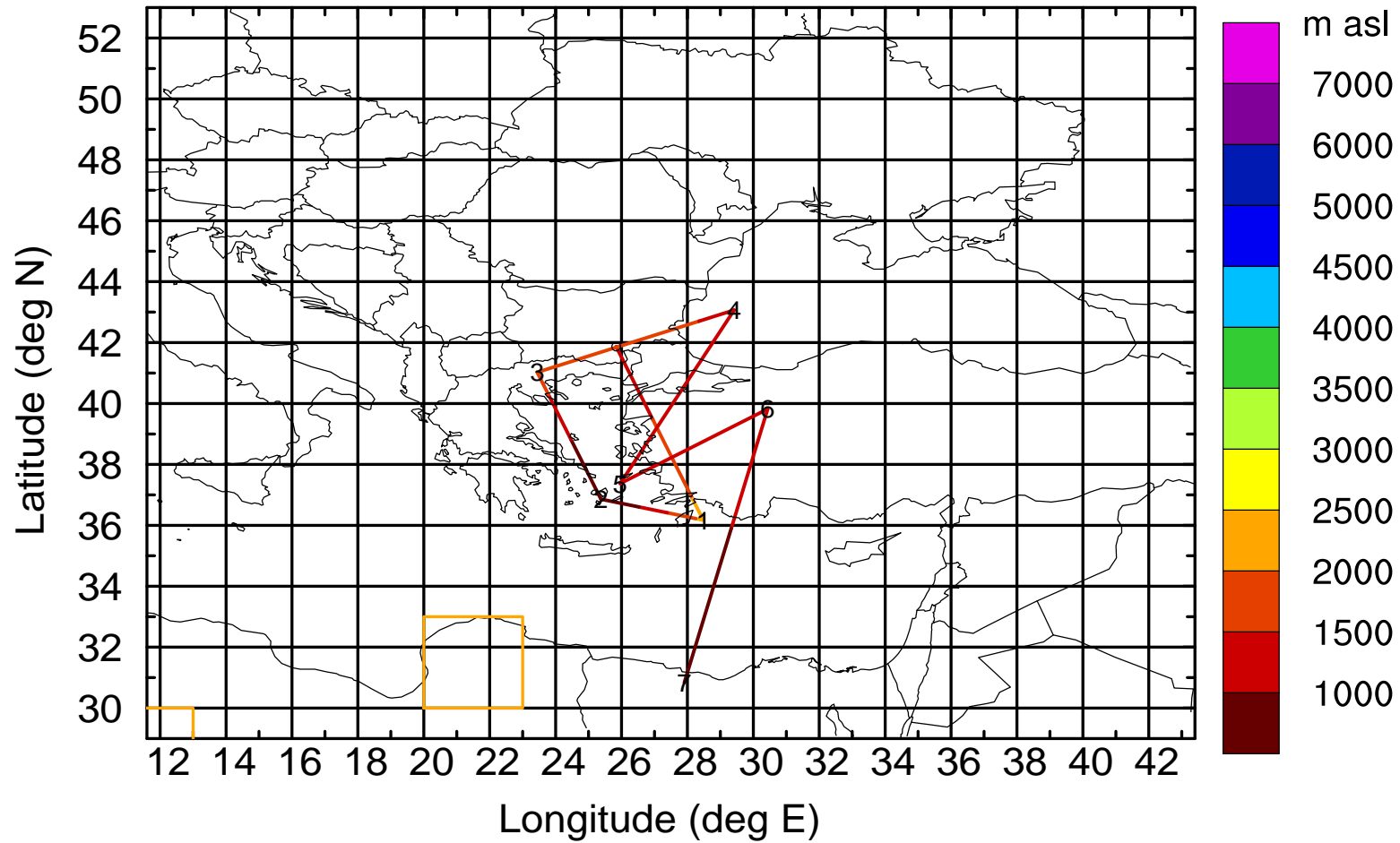
STS ground station 20170401

BWD 20170401/21-105H = \*\*/12 UTC



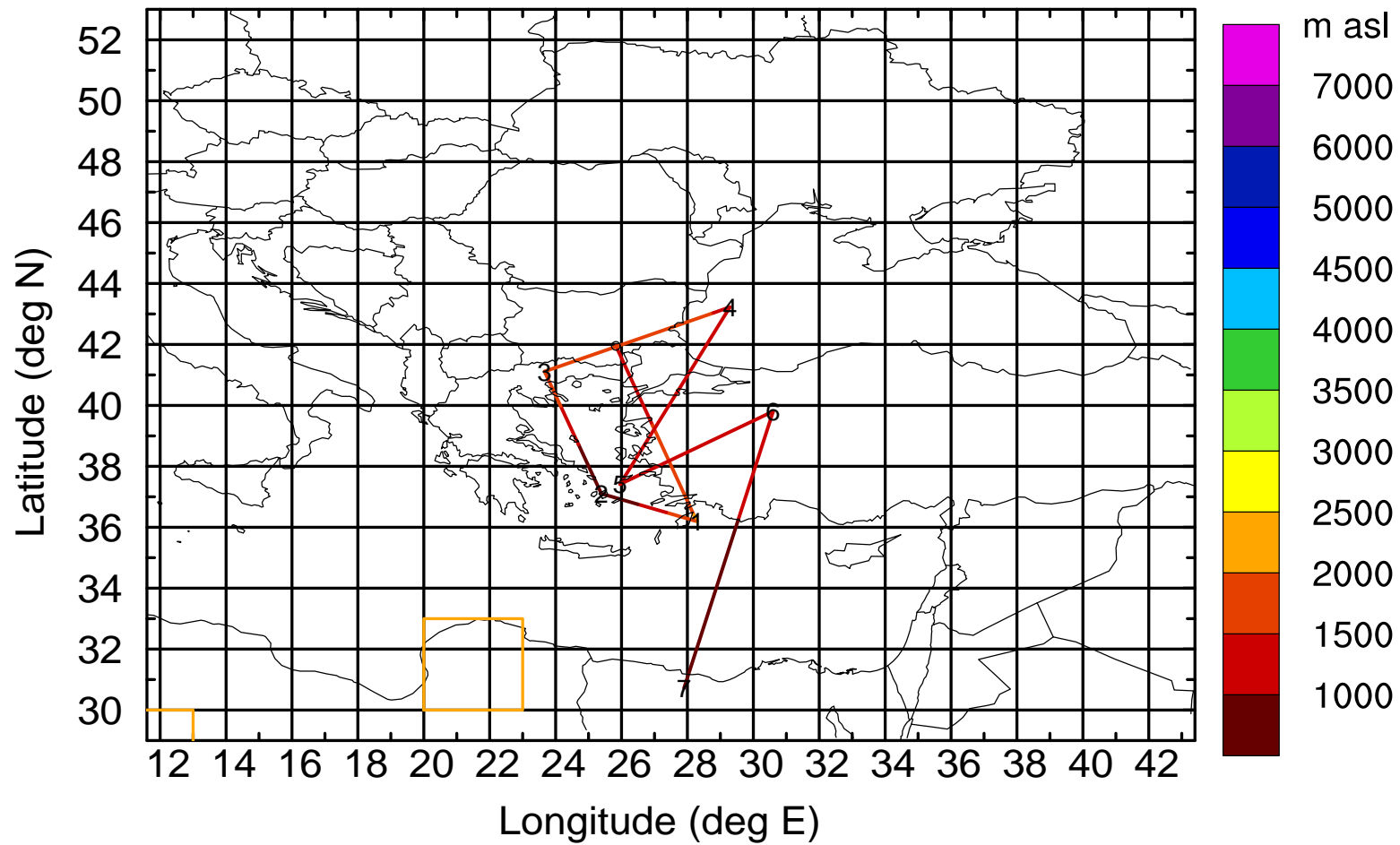
STS ground station 20170401

BWD 20170401/21-106H = \*\*/11 UTC



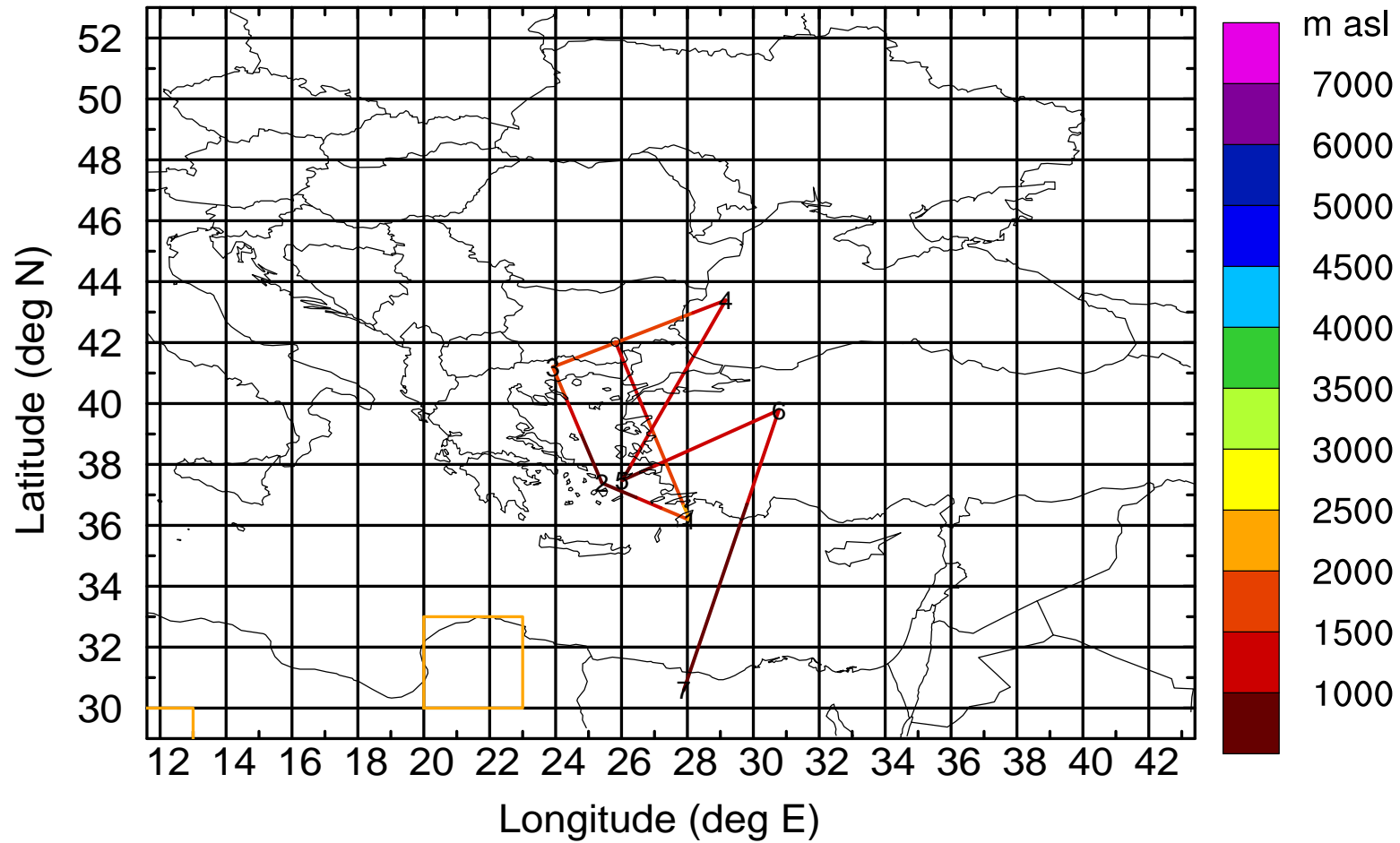
STS ground station 20170401

BWD 20170401/21-107H = \*\*/10 UTC



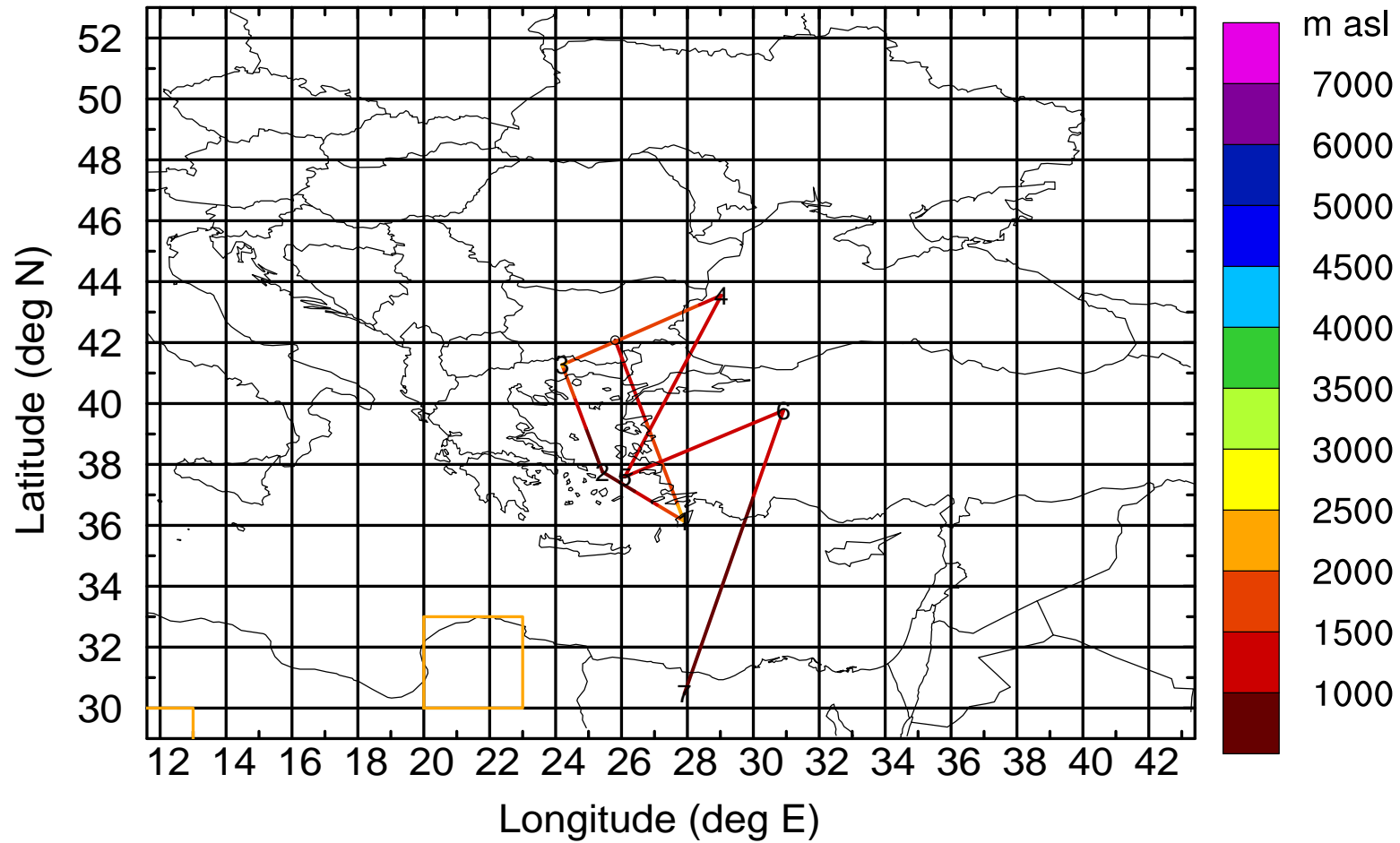
STS ground station 20170401

BWD 20170401/21-108H = \*\*/09 UTC



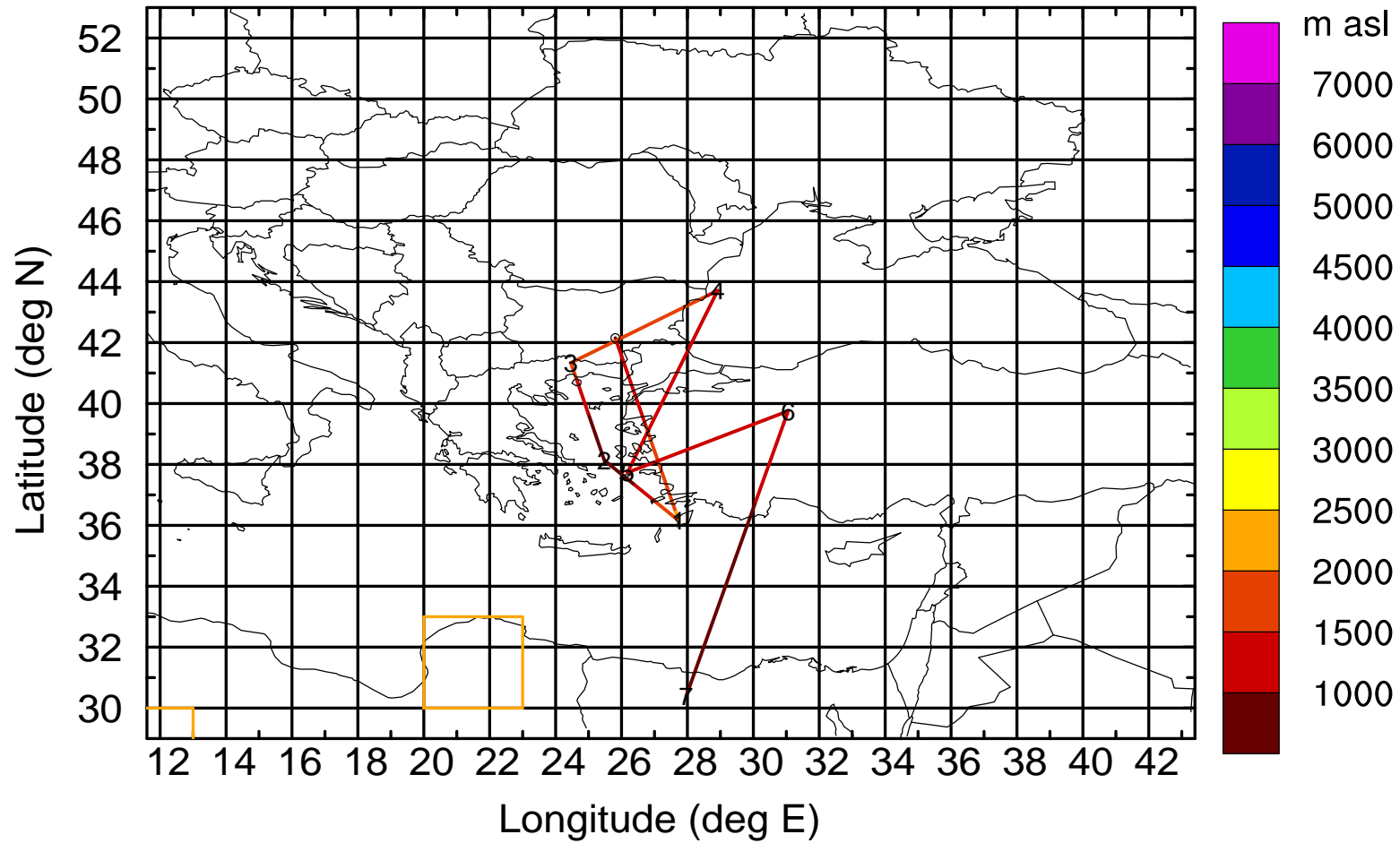
STS ground station 20170401

BWD 20170401/21-109H = \*\*/08 UTC



STS ground station 20170401

BWD 20170401/21-110H = \*\*/07 UTC

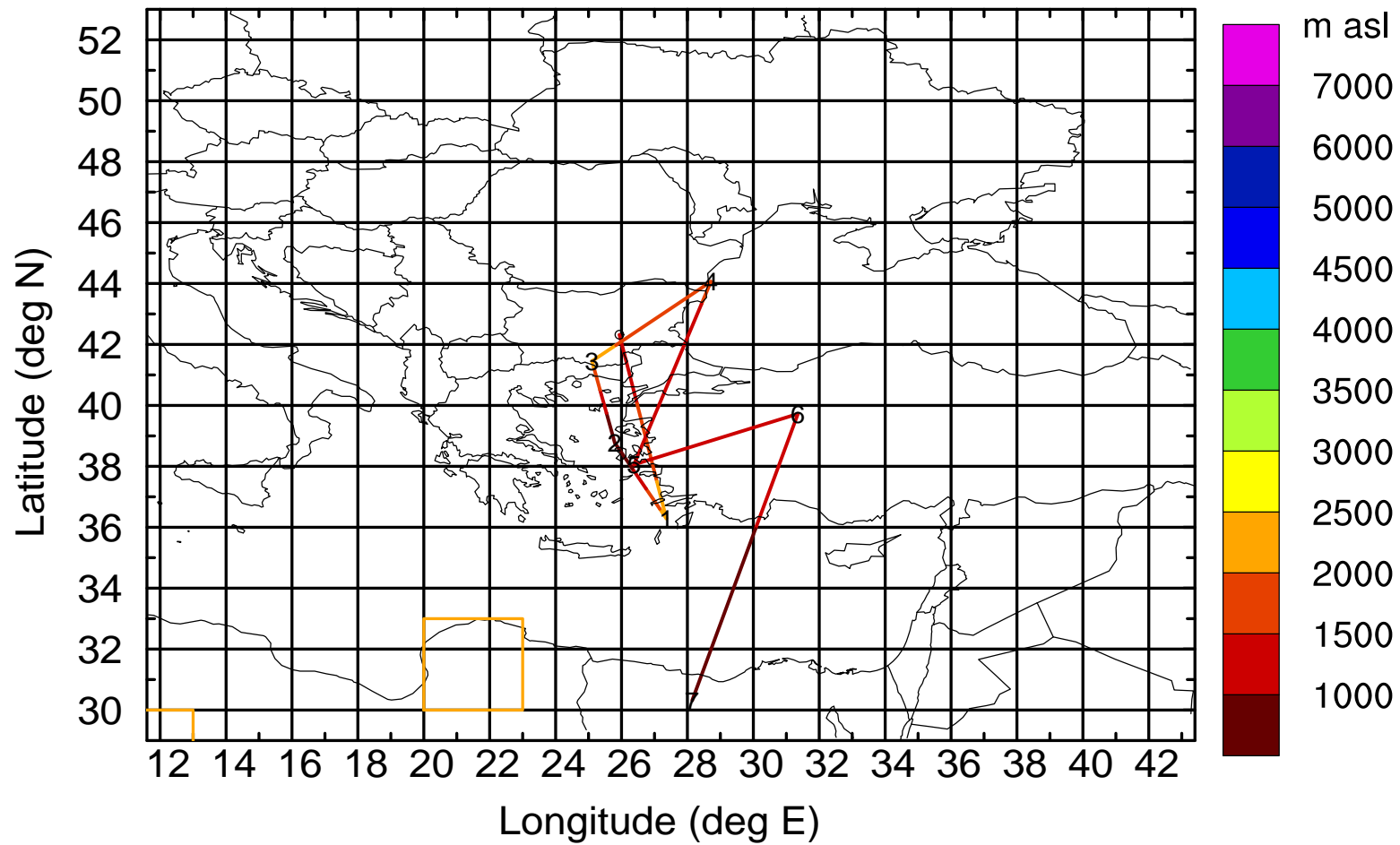






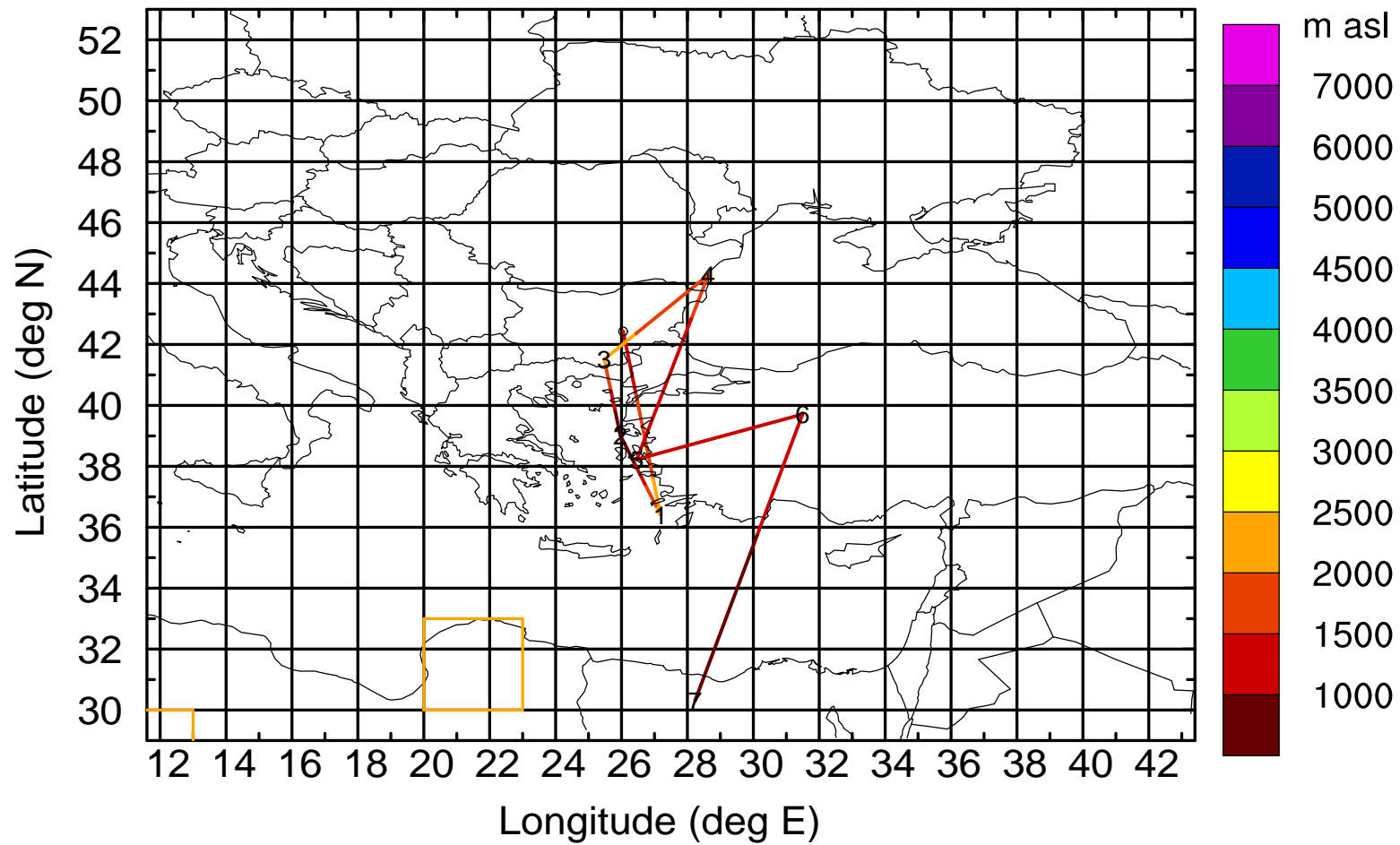
STS ground station 20170401

BWD 20170401/21-112H = \*\*/05 UTC



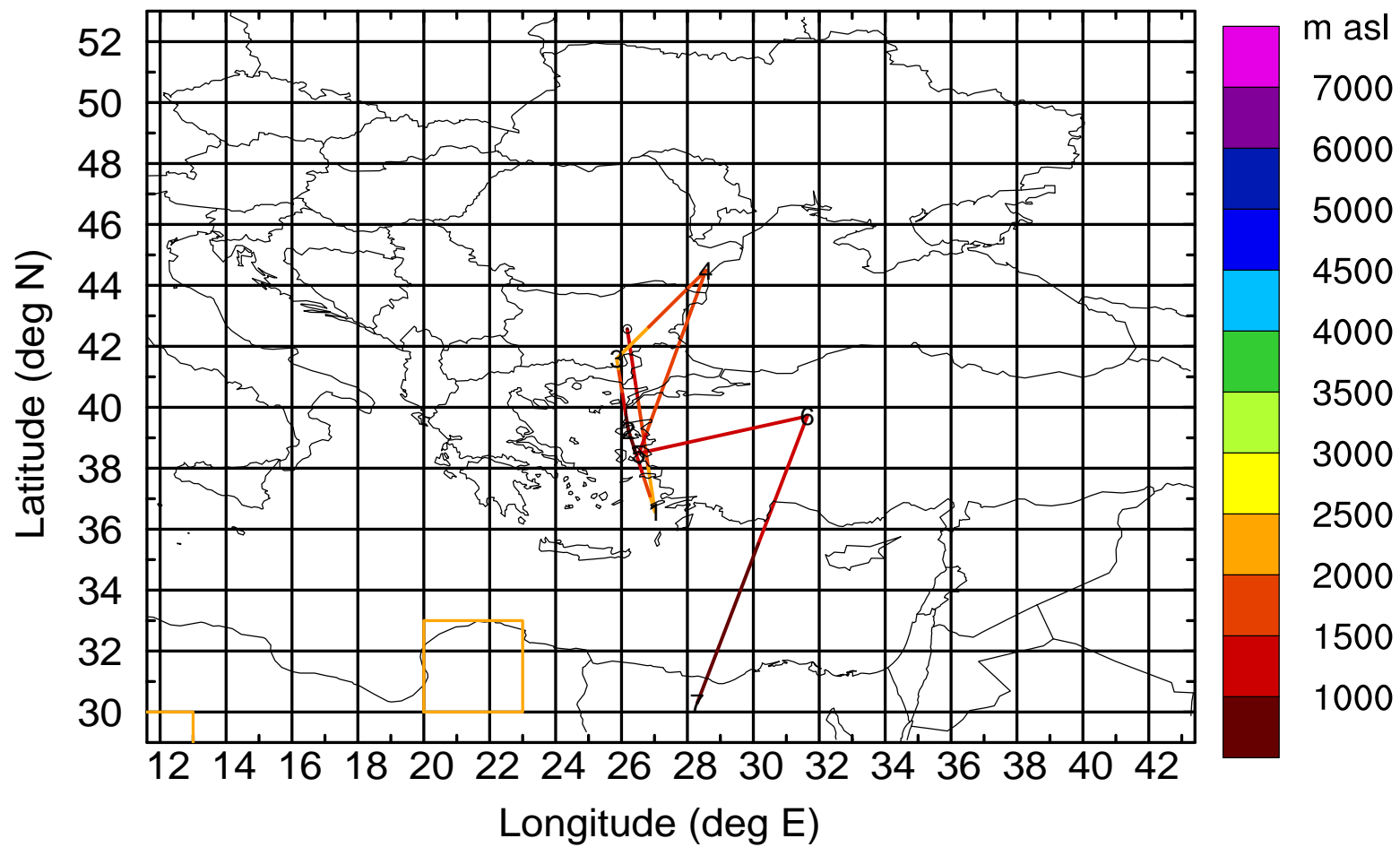
STS ground station 20170401

BWD 20170401/21-113H = \*\*/04 UTC



STS ground station 20170401

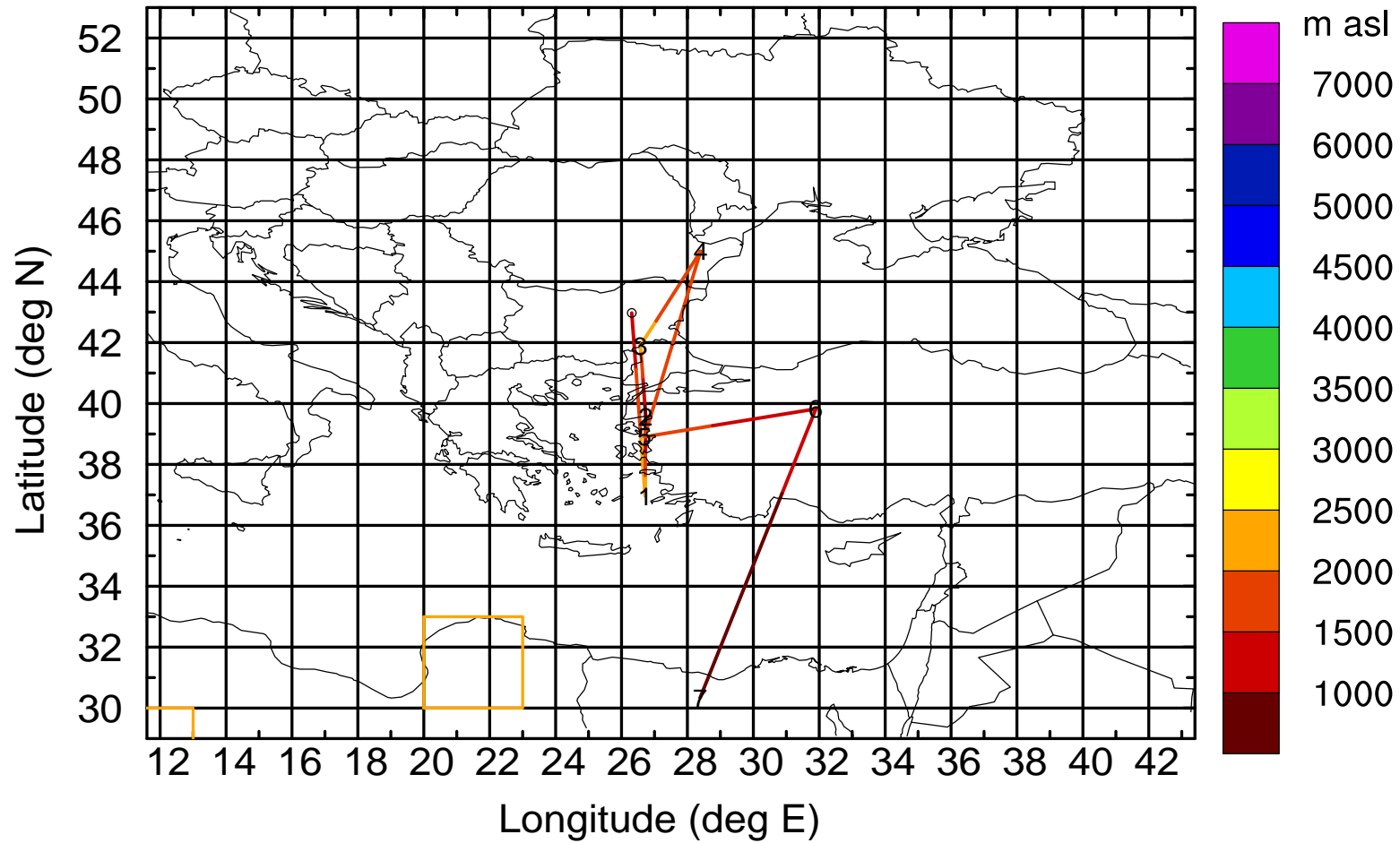
BWD 20170401/21-114H = \*\*/03 UTC





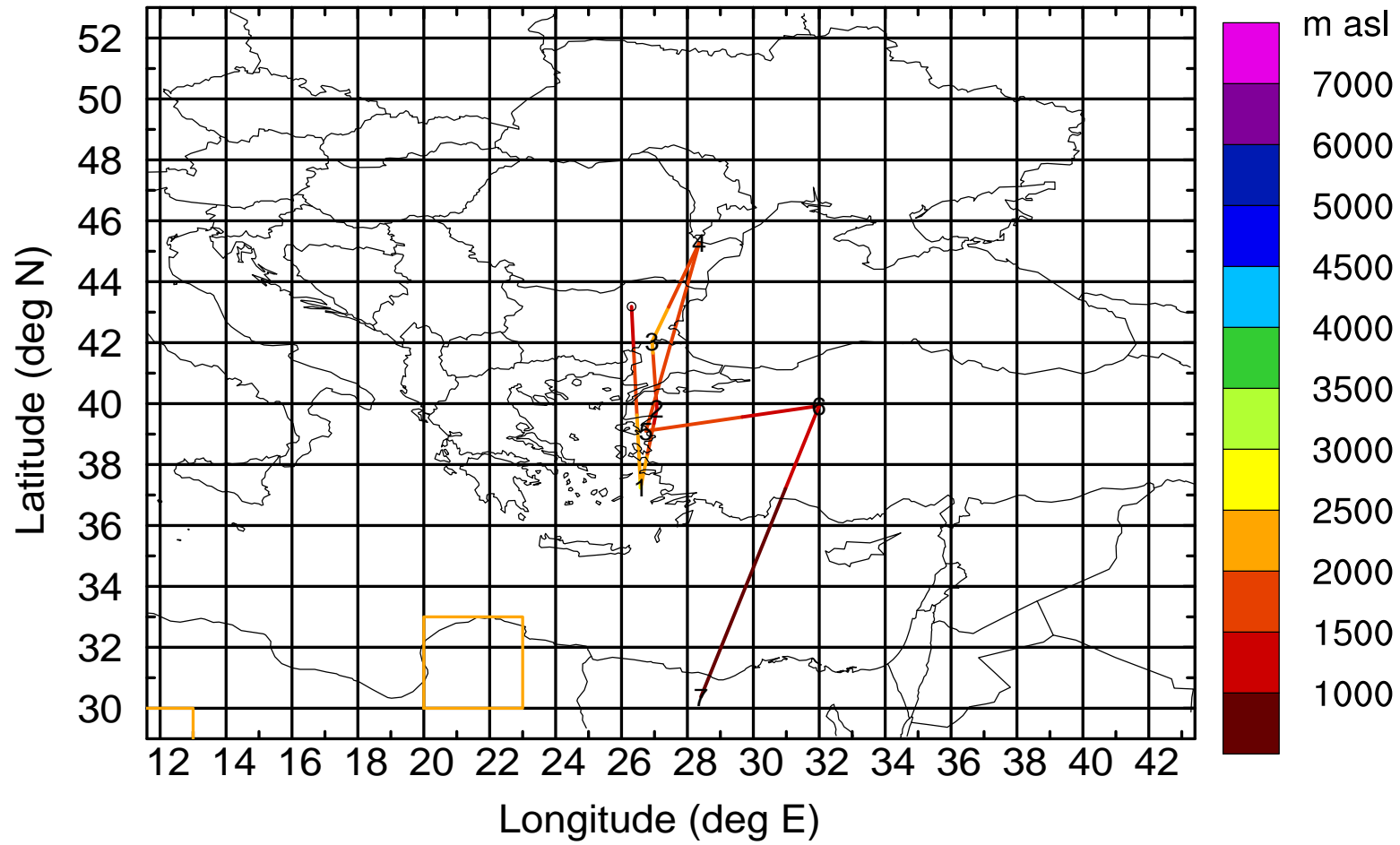
STS ground station 20170401

BWD 20170401/21-116H = \*\*/01 UTC



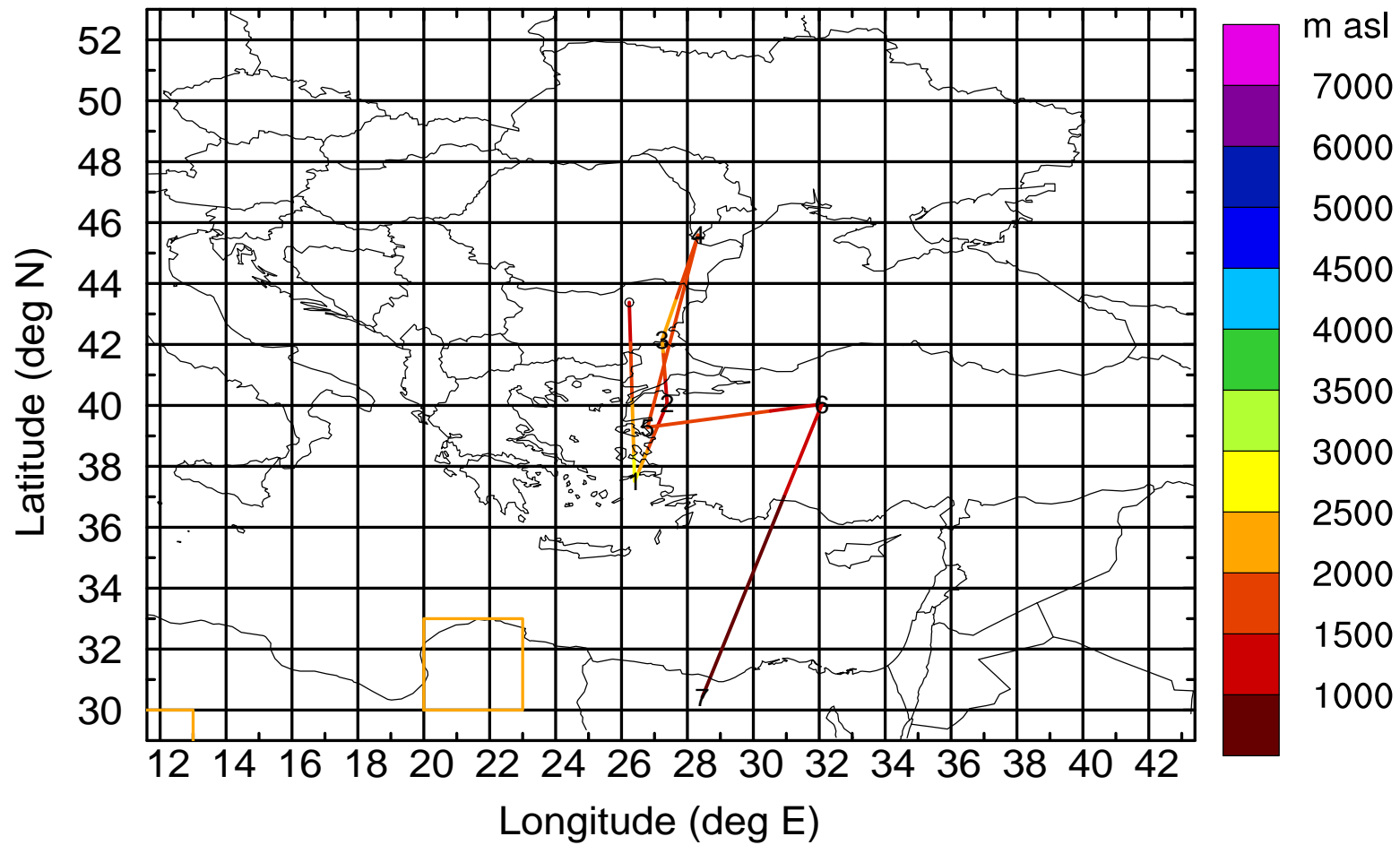
STS ground station 20170401

BWD 20170401/21-117H = \*\*/00 UTC



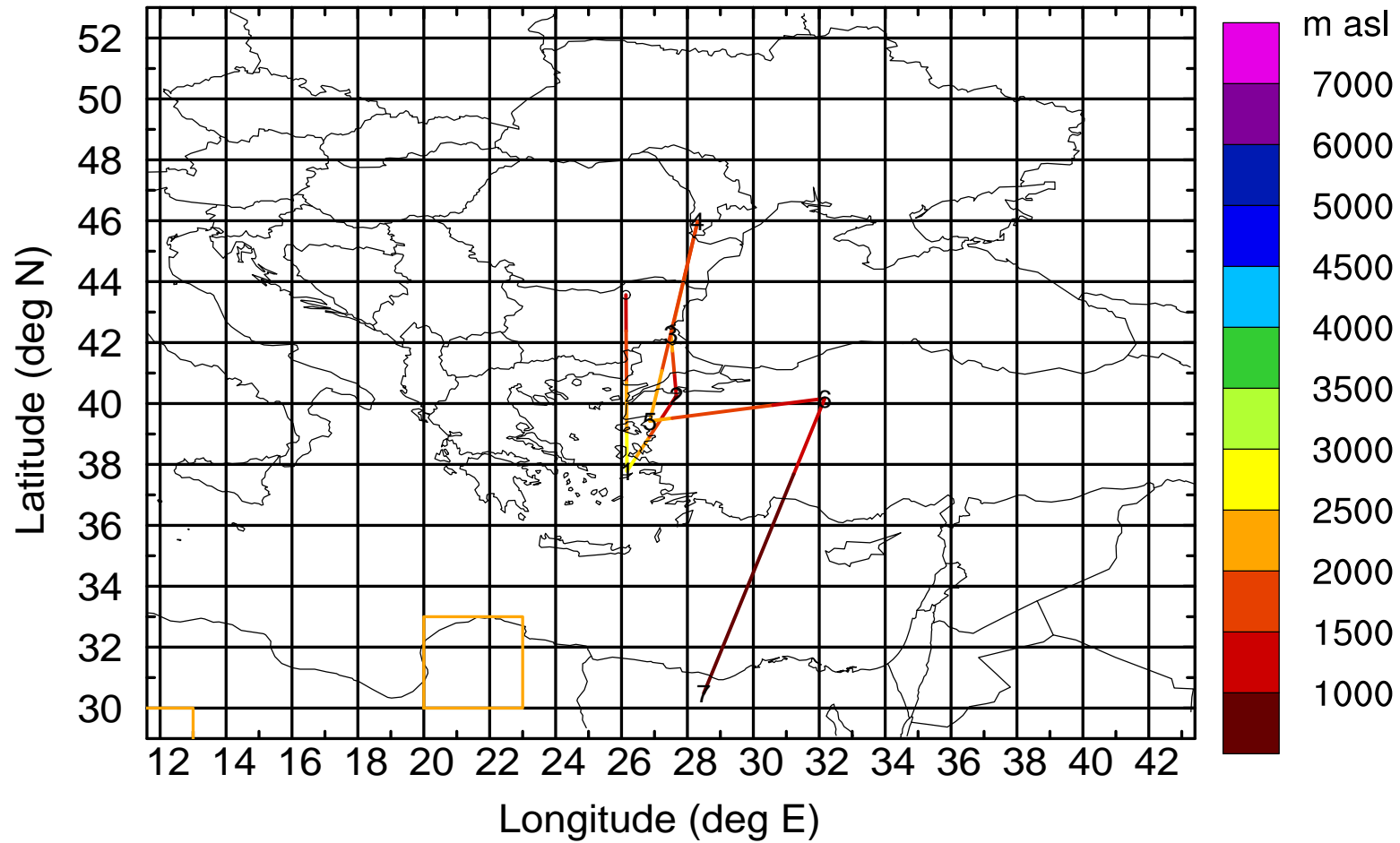
STS ground station 20170401

BWD 20170401/21-118H = \*\*/23 UTC



STS ground station 20170401

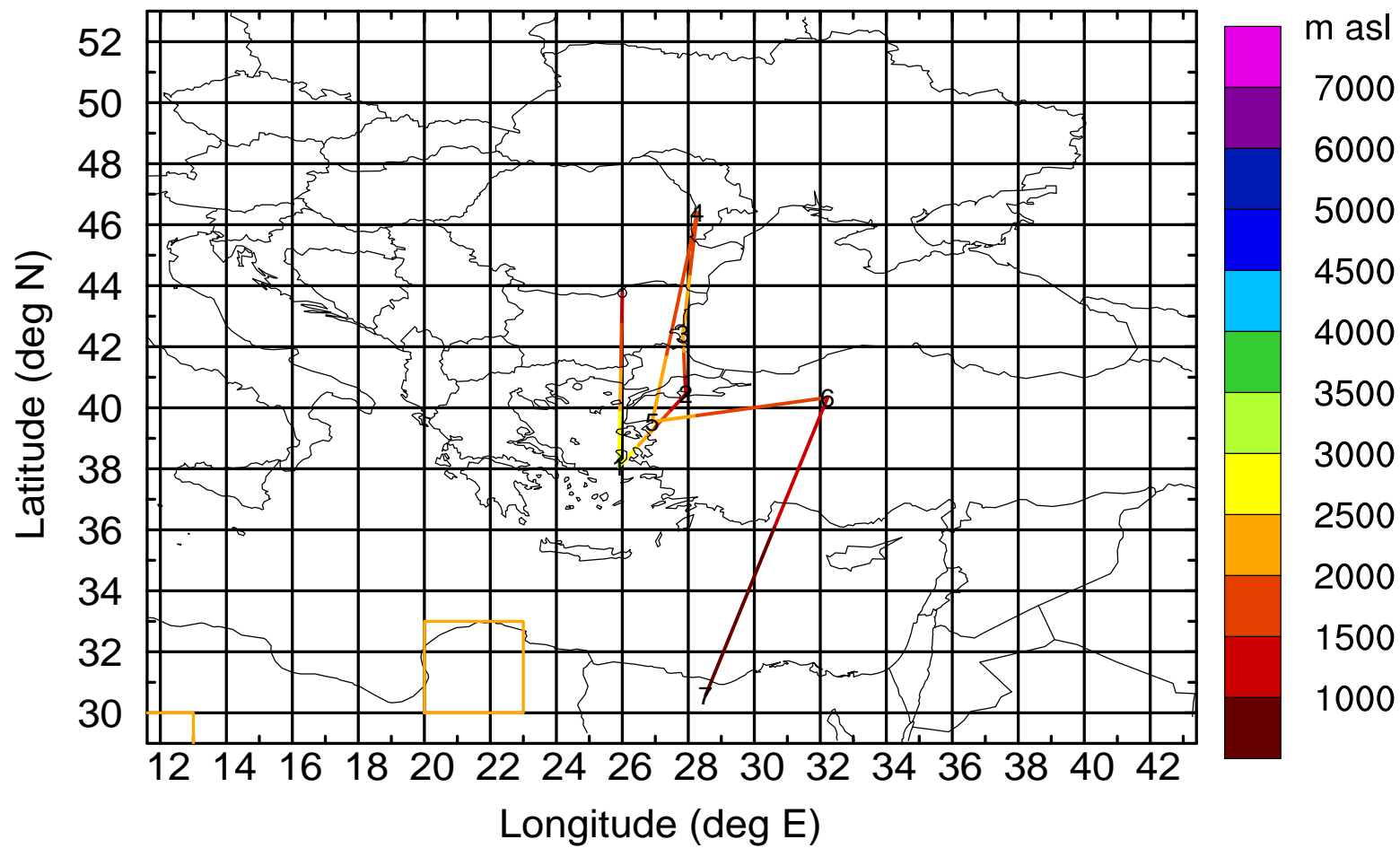
BWD 20170401/21-119H = \*\*/22 UTC





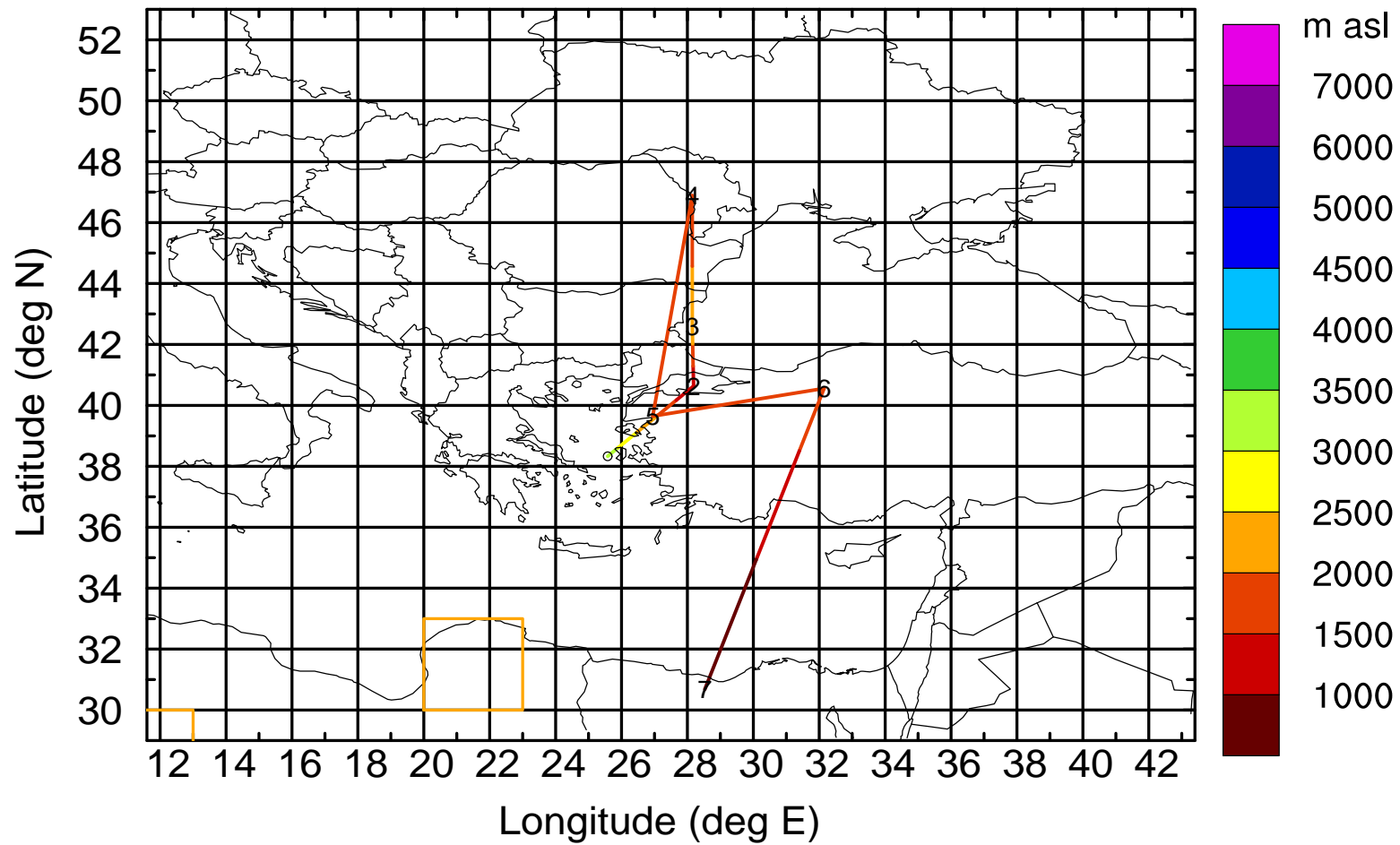
STS ground station 20170401

BWD 20170401/21-120H = \*\*/21 UTC



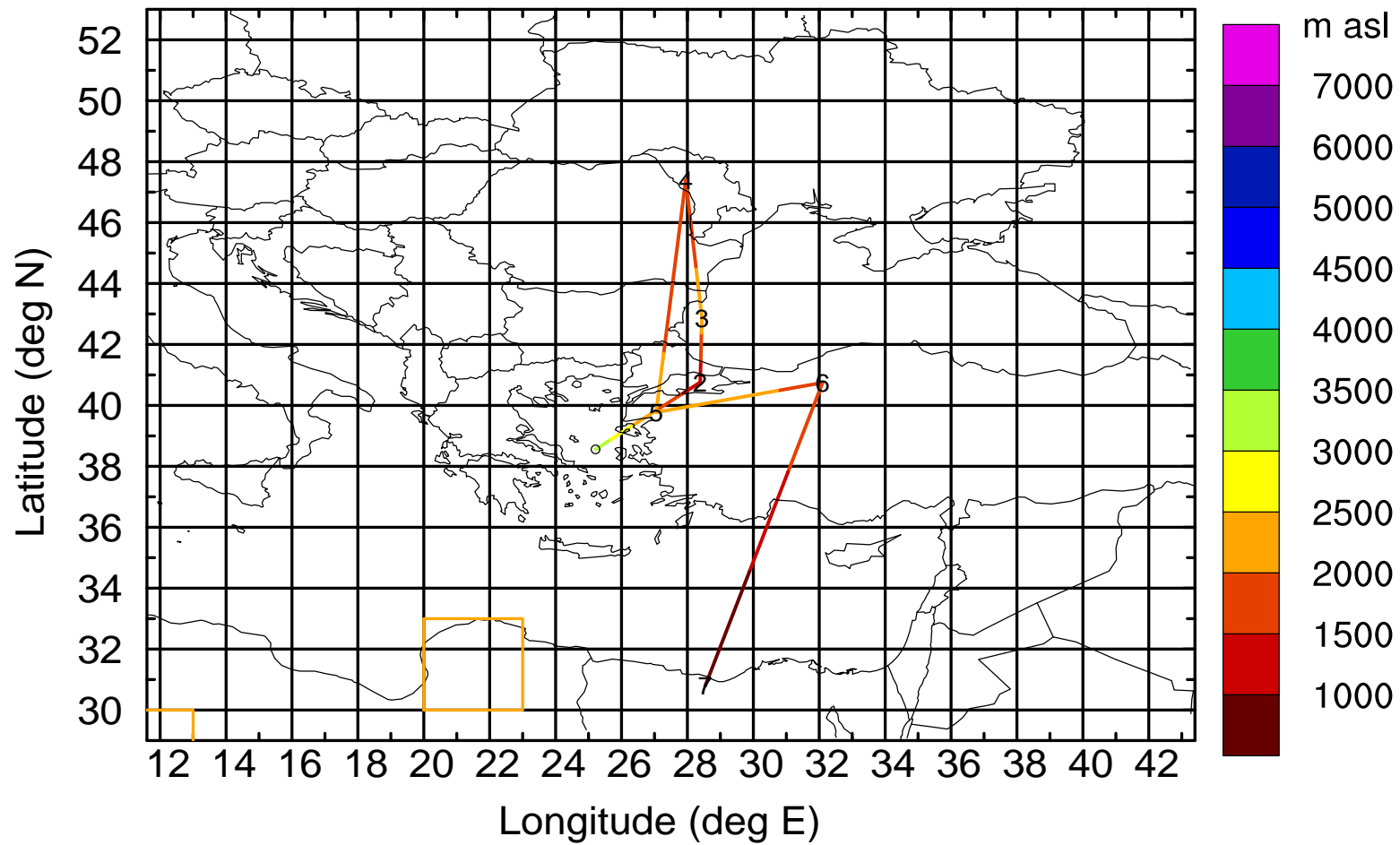
STS ground station 20170401

BWD 20170401/21-121H = \*\*/20 UTC



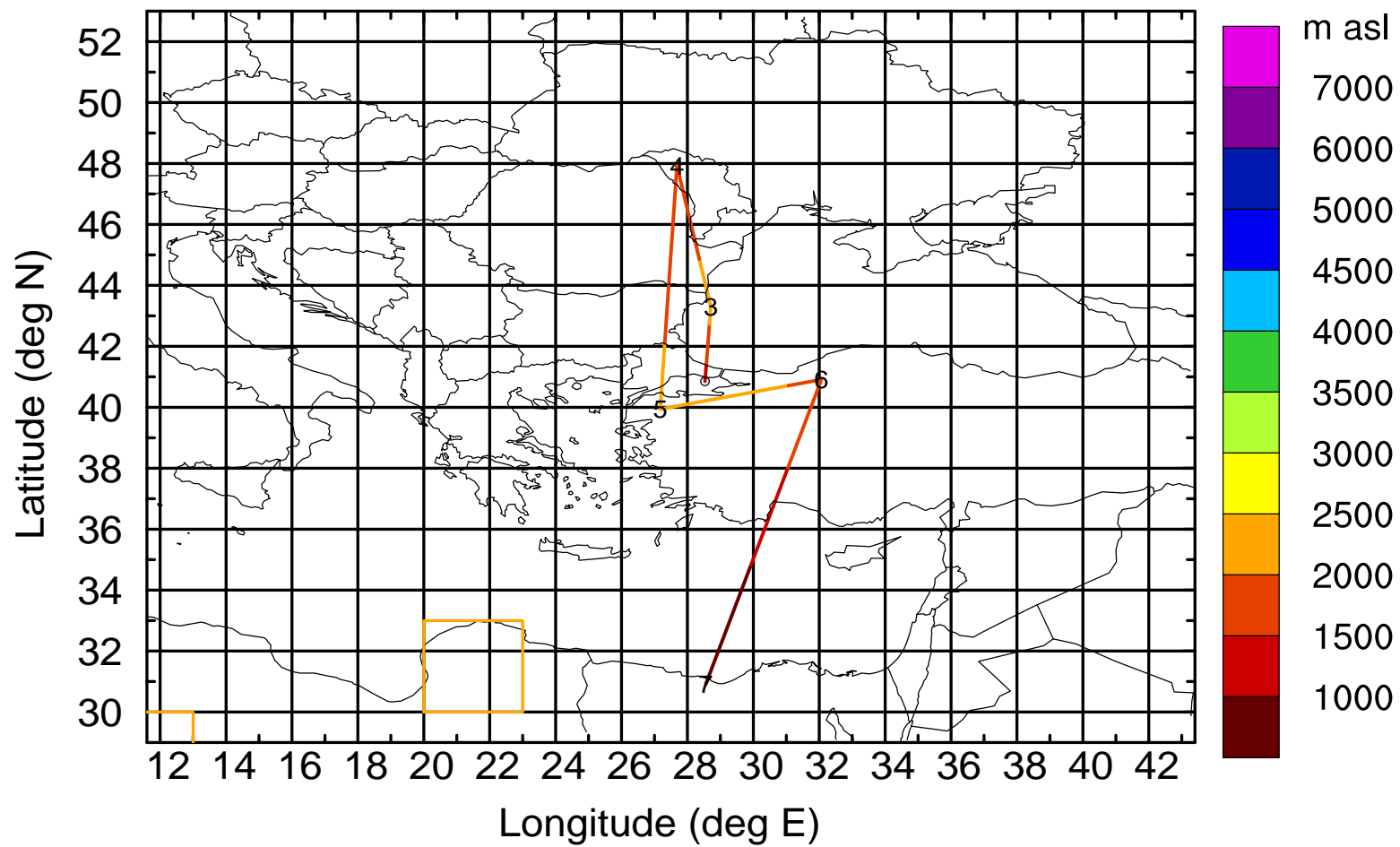
STS ground station 20170401

BWD 20170401/21-122H = \*\*/19 UTC



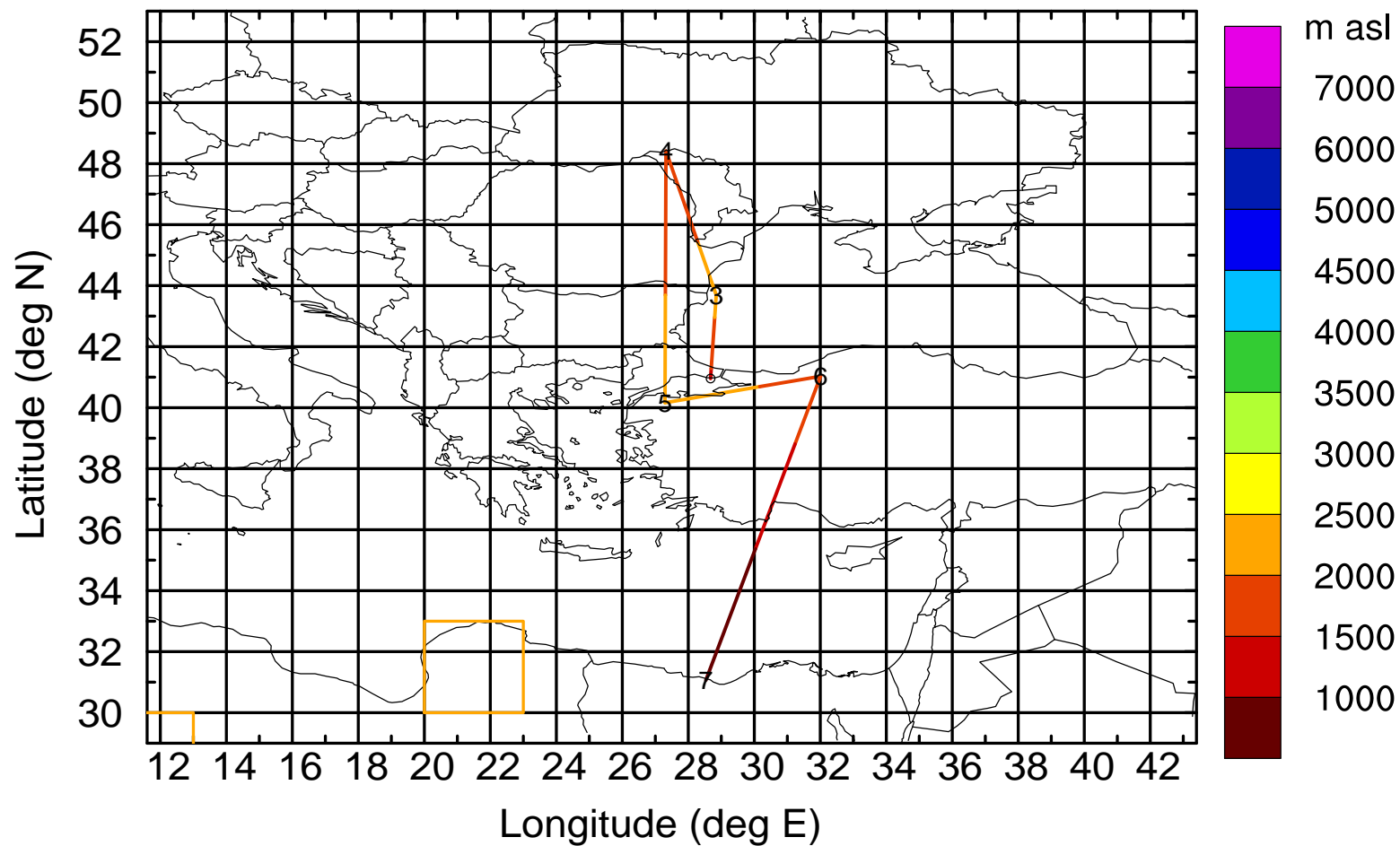
STS ground station 20170401

BWD 20170401/21-123H = \*\*/18 UTC



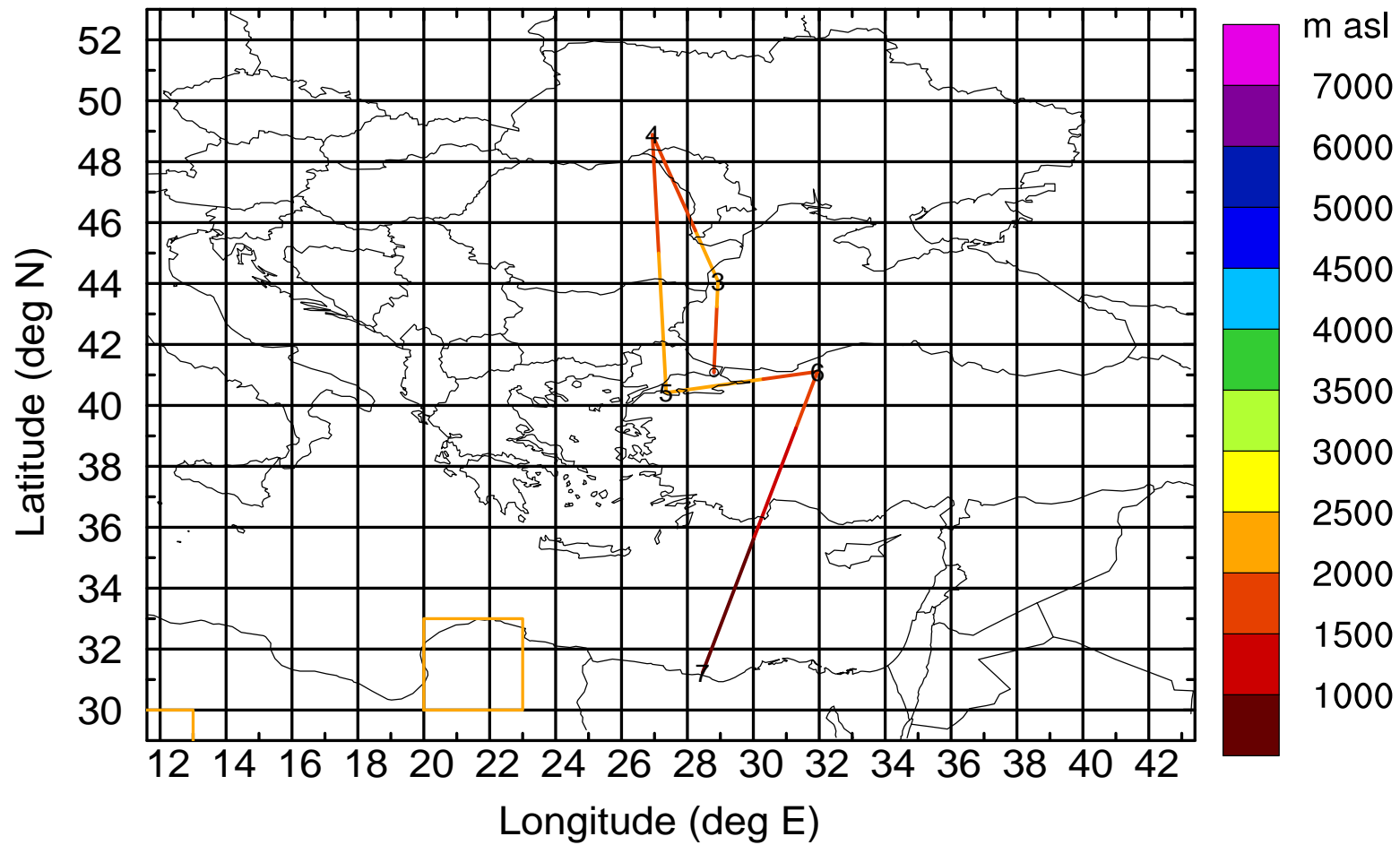
STS ground station 20170401

BWD 20170401/21-124H = \*\*/17 UTC



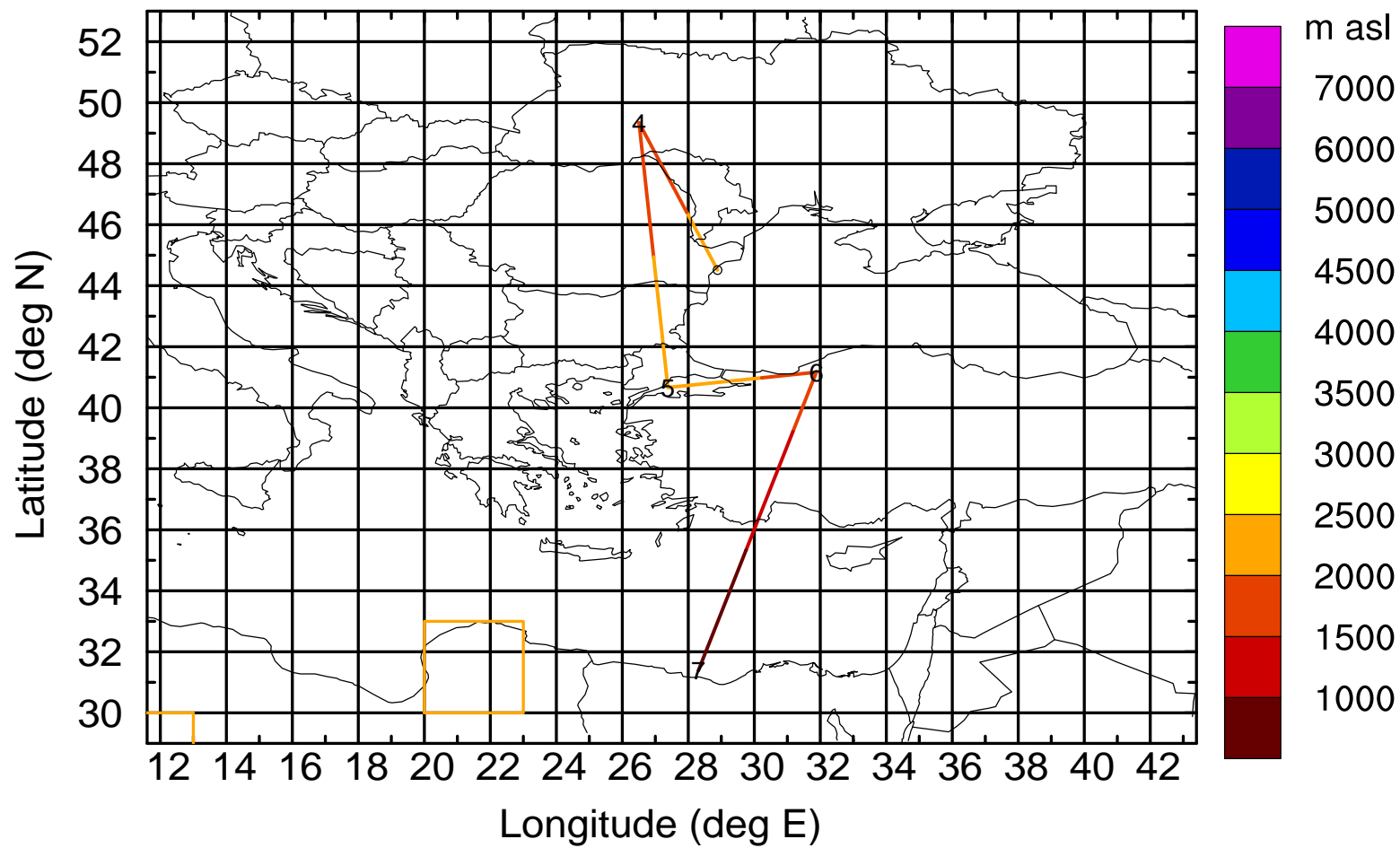
STS ground station 20170401

BWD 20170401/21-125H = \*\*/16 UTC



STS ground station 20170401

BWD 20170401/21-126H = \*\*/15 UTC

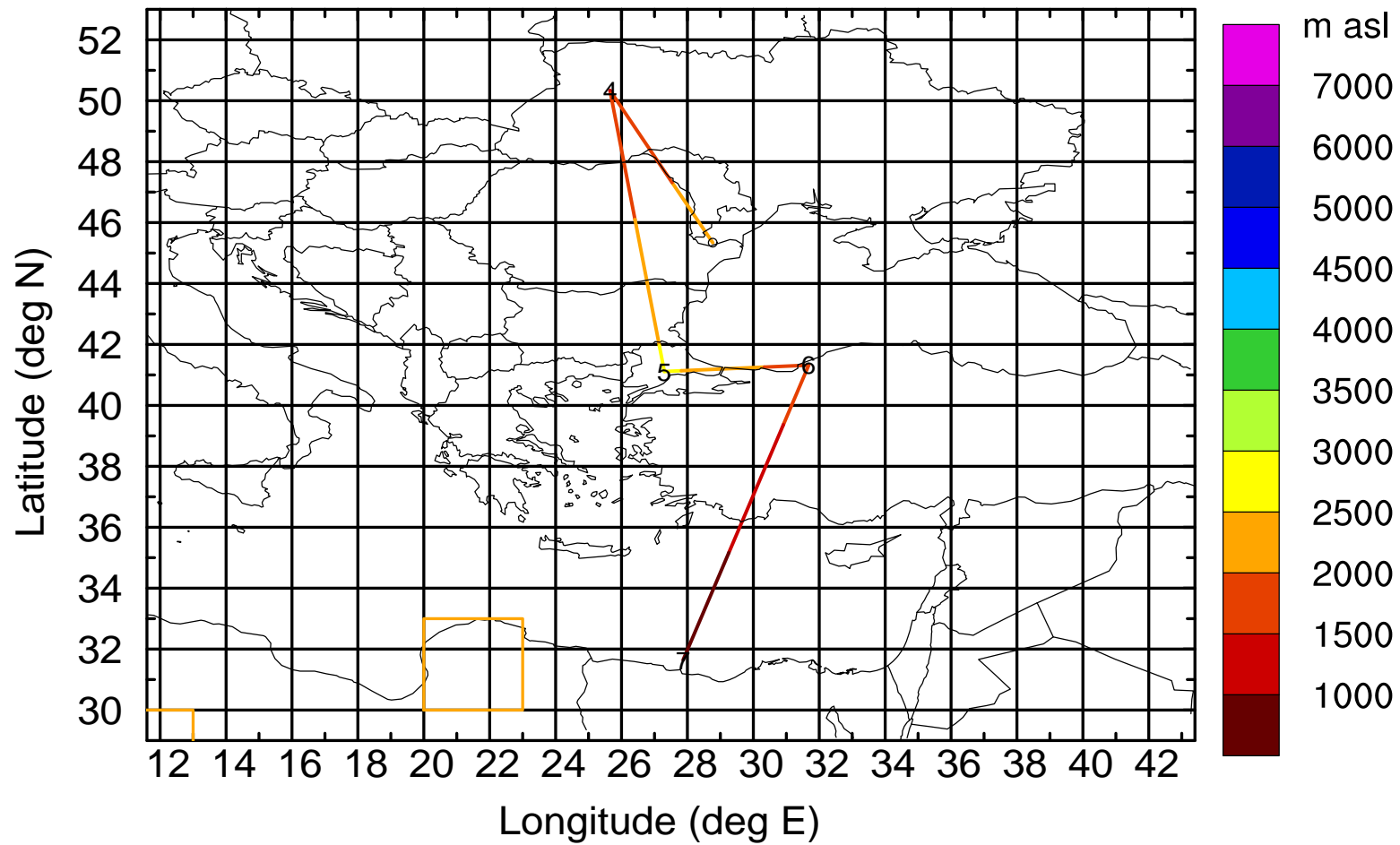






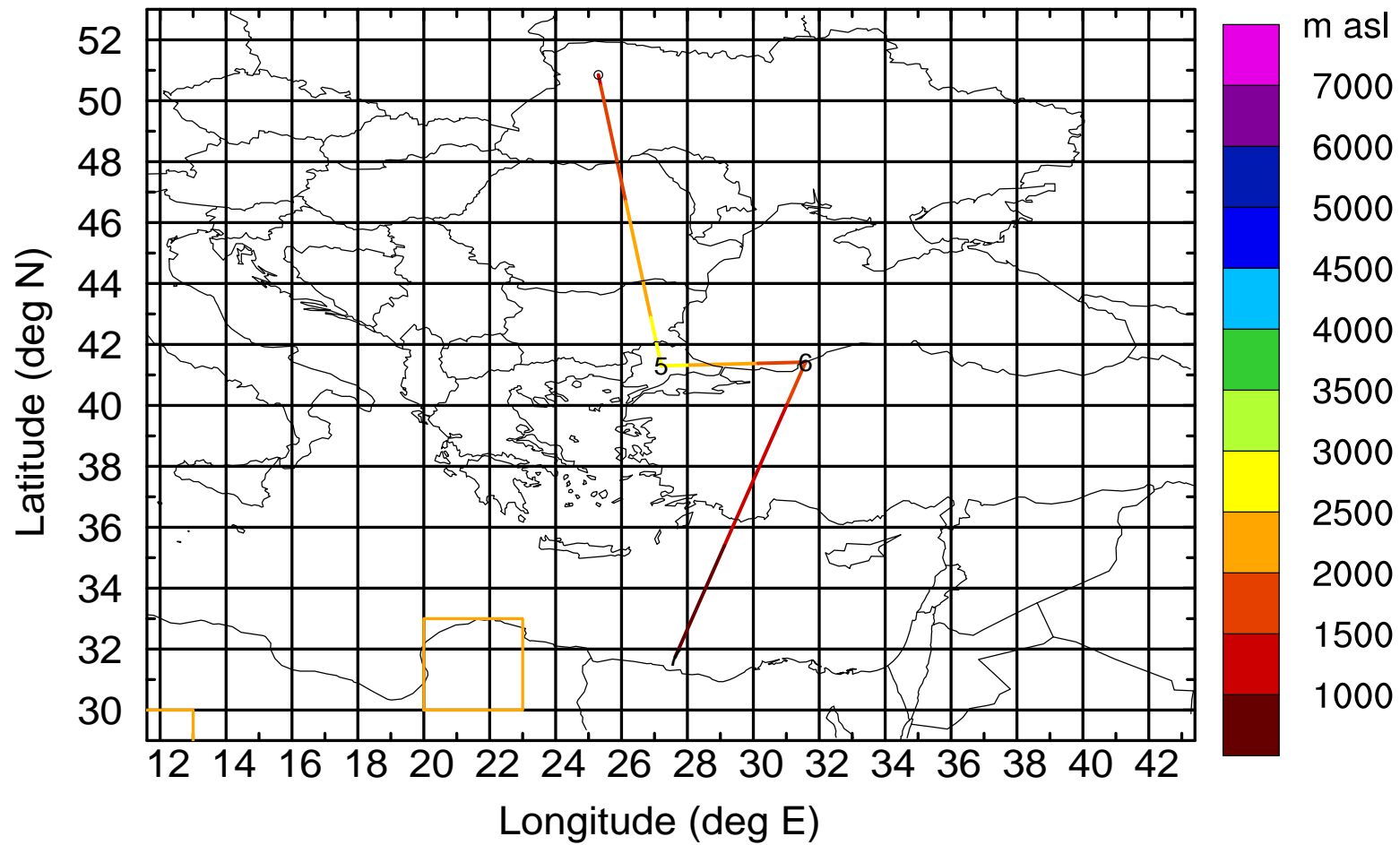
STS ground station 20170401

BWD 20170401/21-128H = \*\*/13 UTC



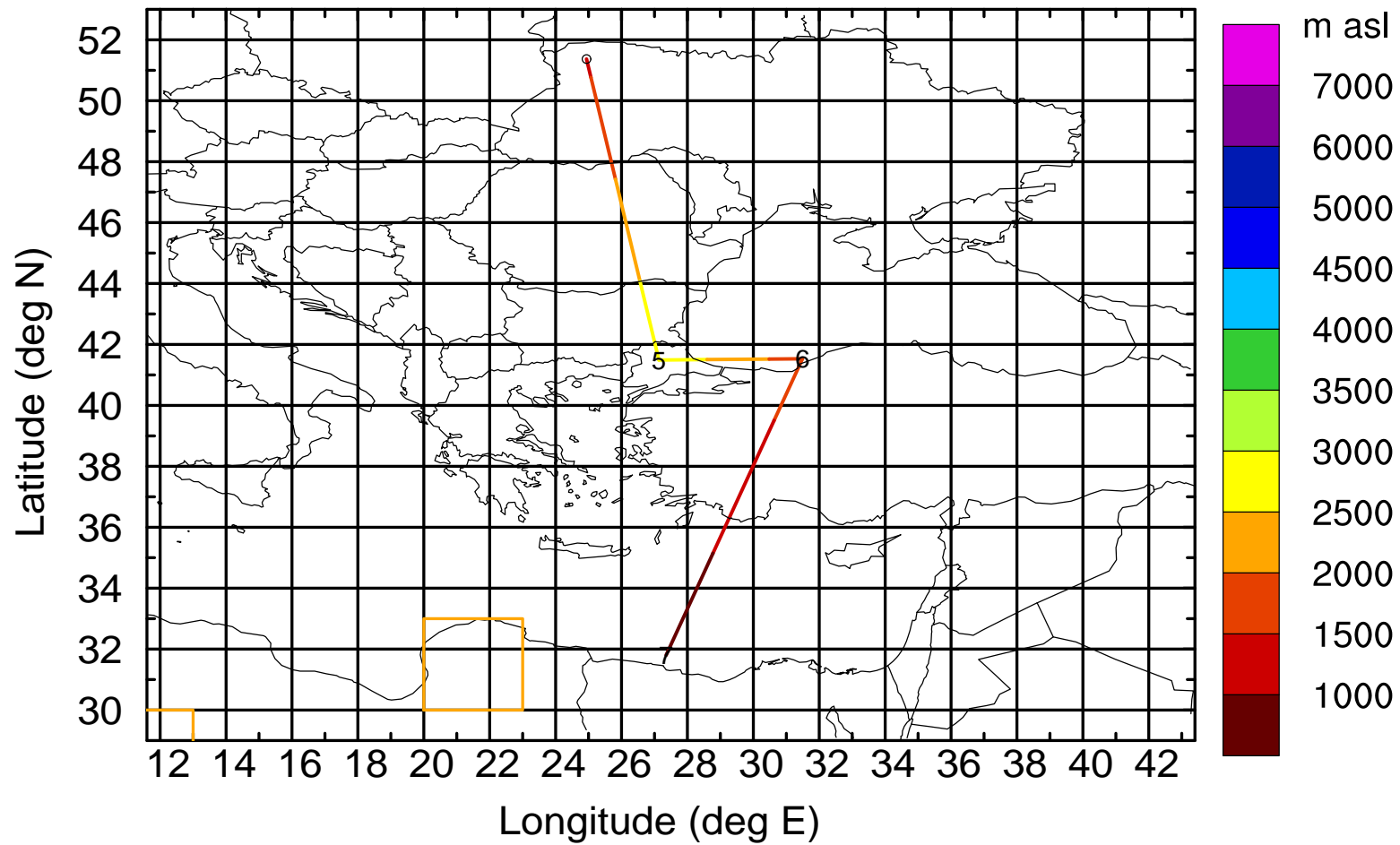
STS ground station 20170401

BWD 20170401/21-129H = \*\*/12 UTC



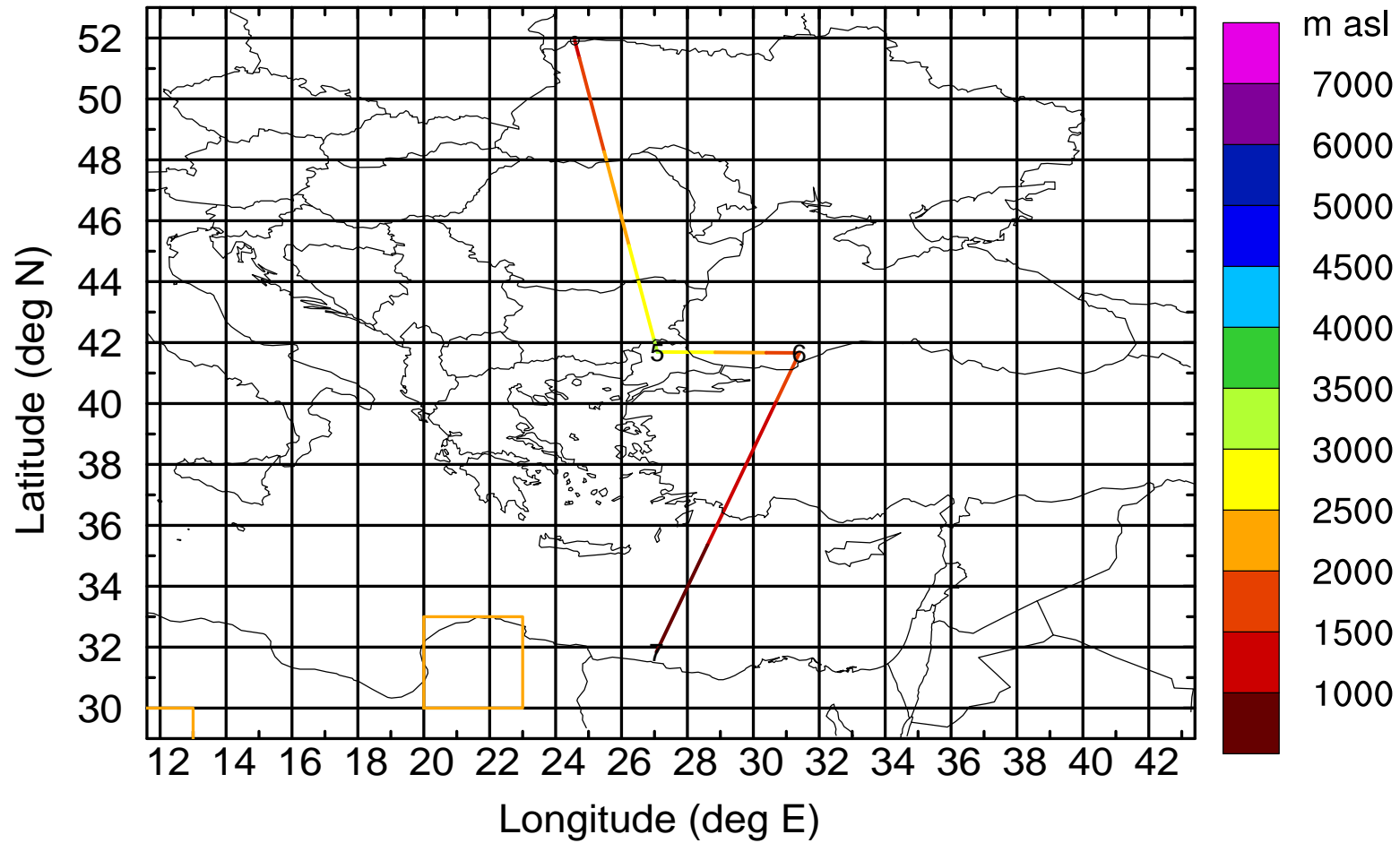
STS ground station 20170401

BWD 20170401/21-130H = \*\*/11 UTC



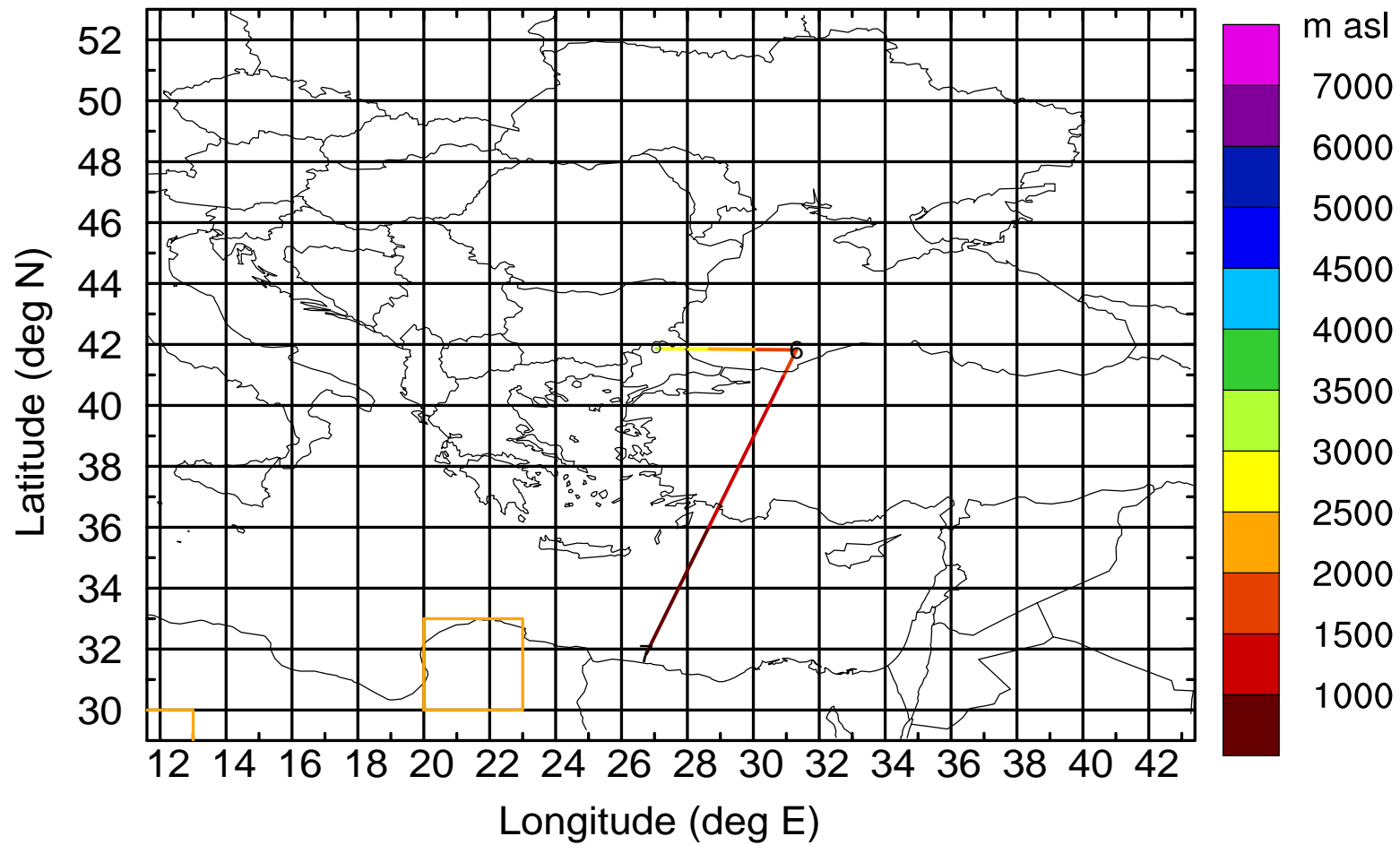
STS ground station 20170401

BWD 20170401/21-131H = \*\*/10 UTC



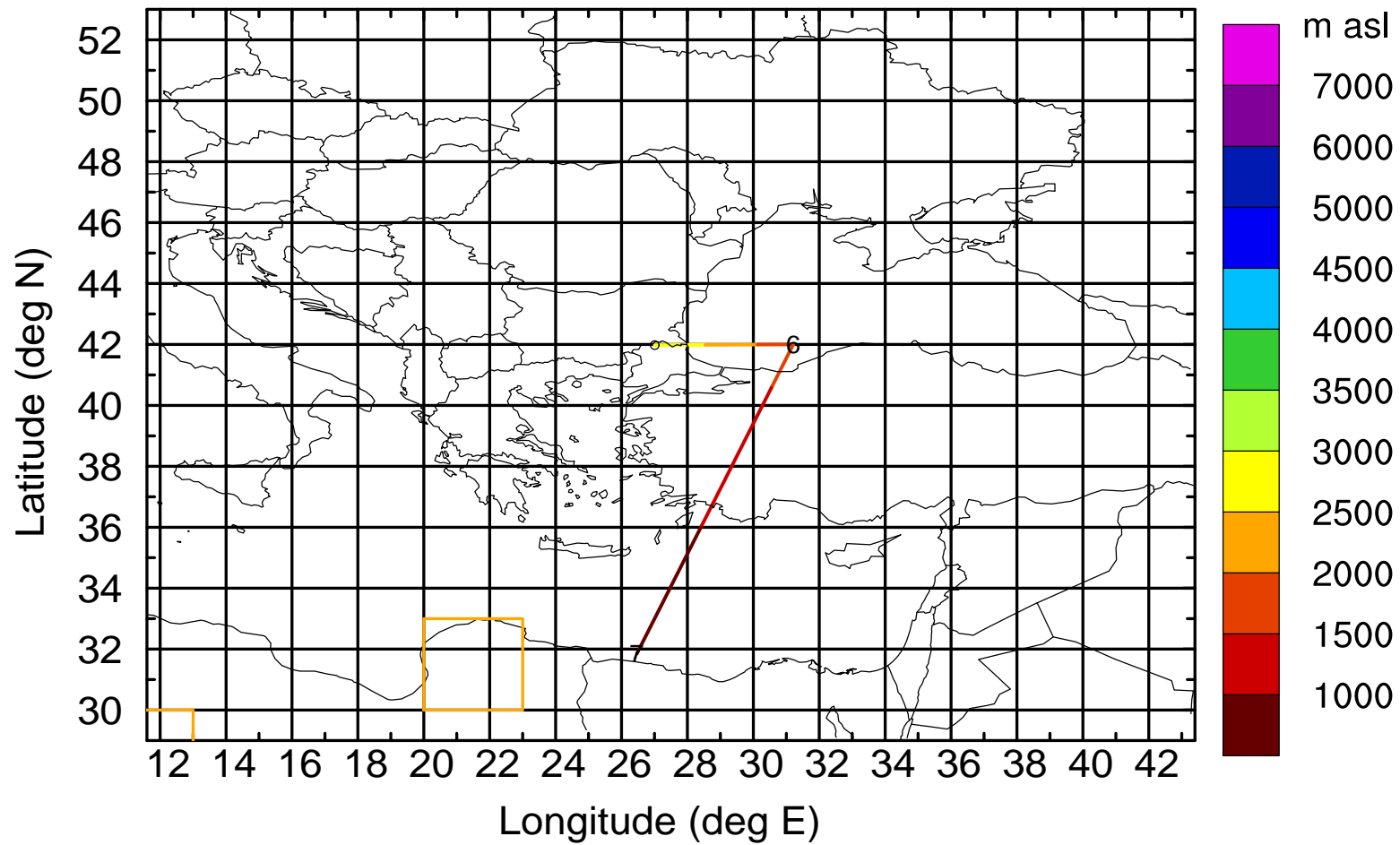
STS ground station 20170401

BWD 20170401/21-132H = \*\*/09 UTC



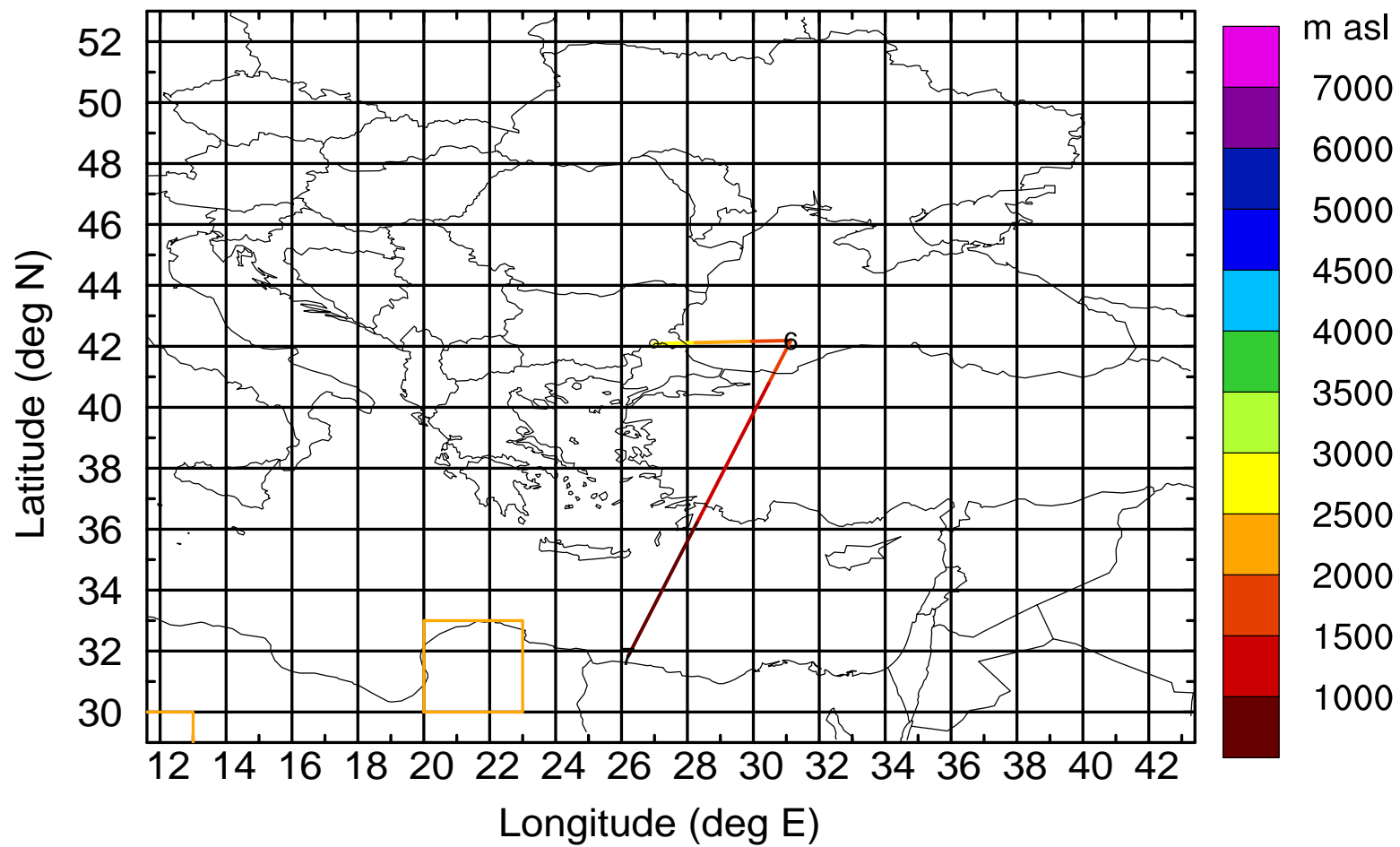
STS ground station 20170401

BWD 20170401/21-133H = \*\*/08 UTC



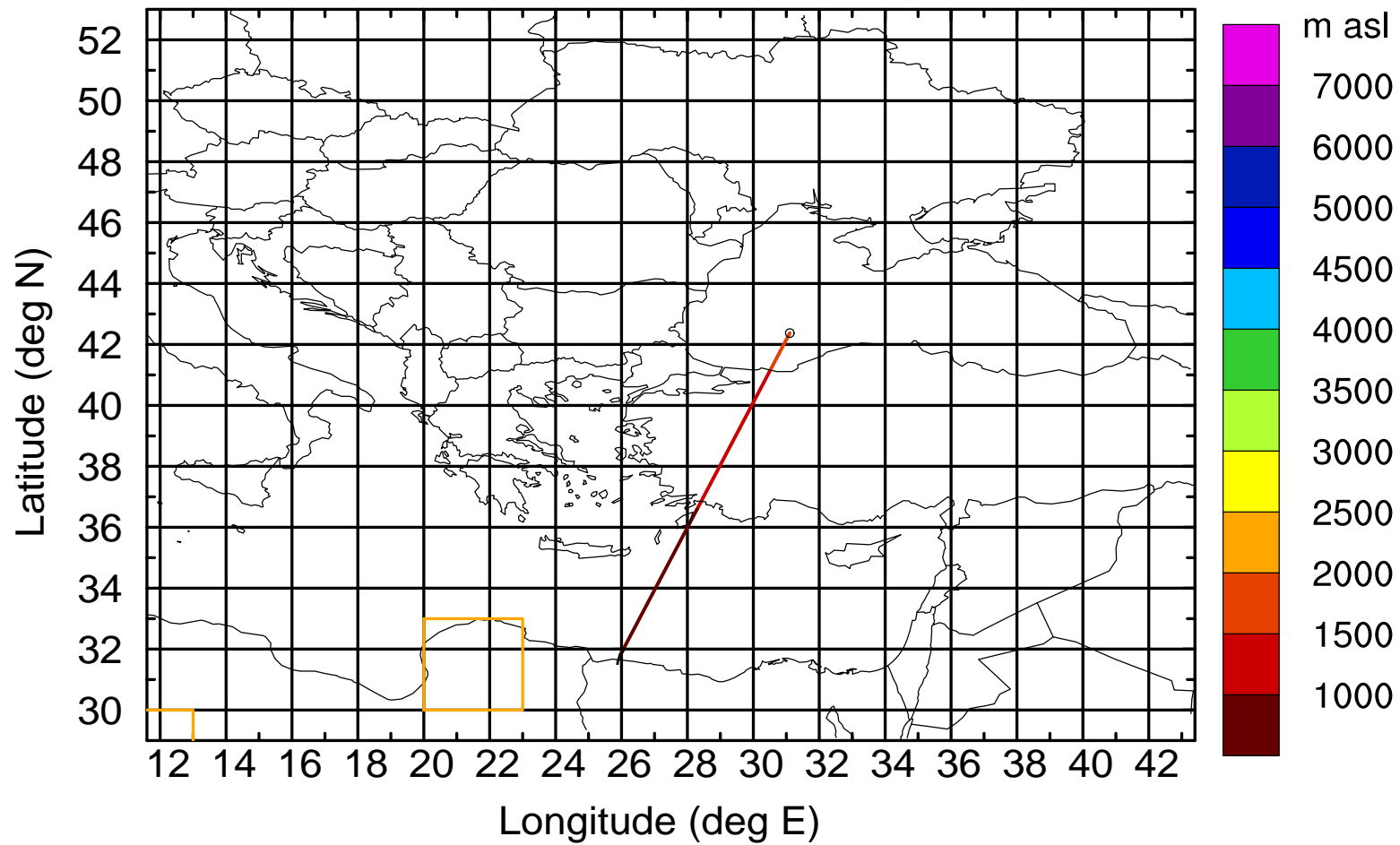
STS ground station 20170401

BWD 20170401/21-134H = \*\*/07 UTC



STS ground station 20170401

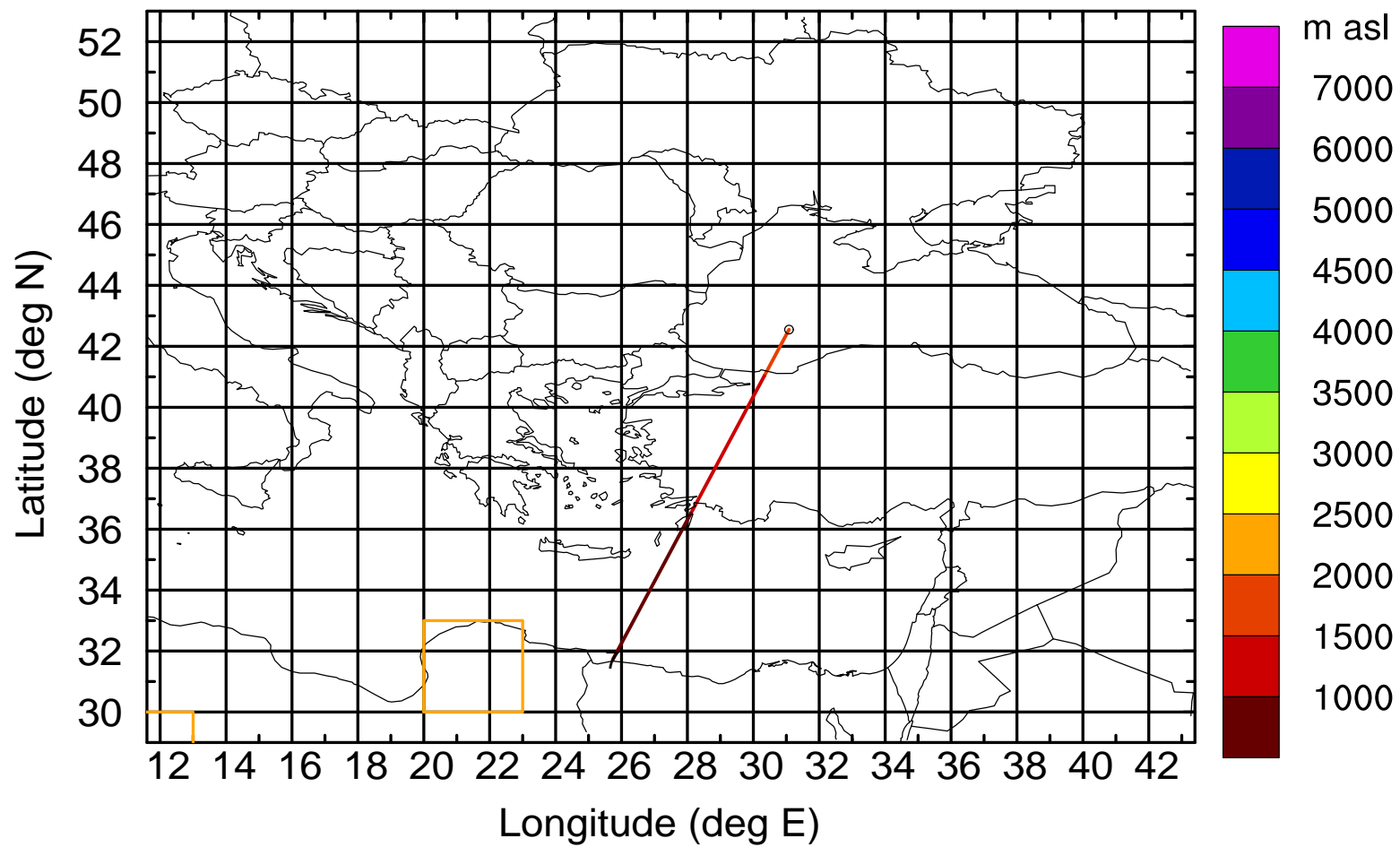
BWD 20170401/21-135H = \*\*/06 UTC





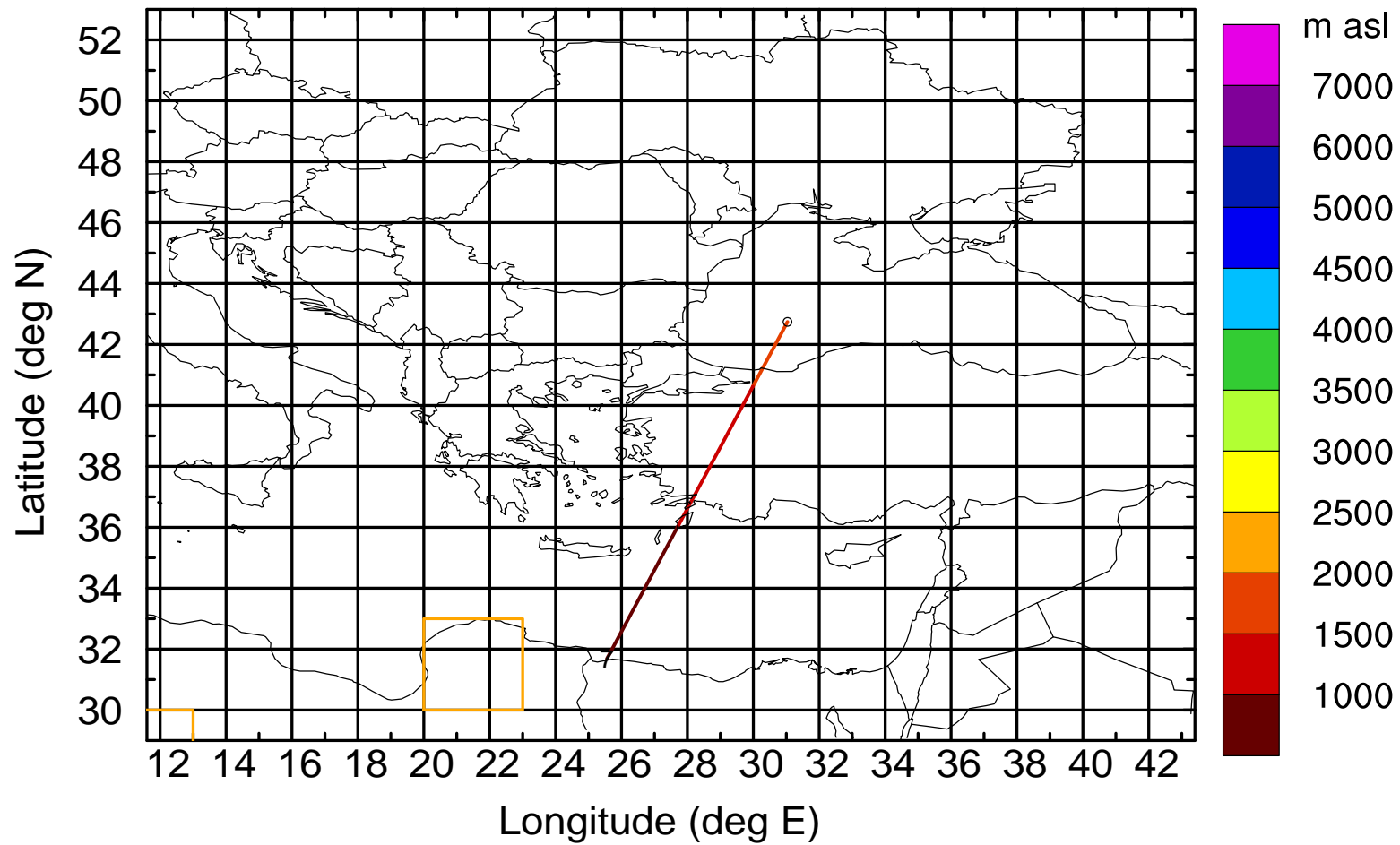
STS ground station 20170401

BWD 20170401/21-136H = \*\*/05 UTC



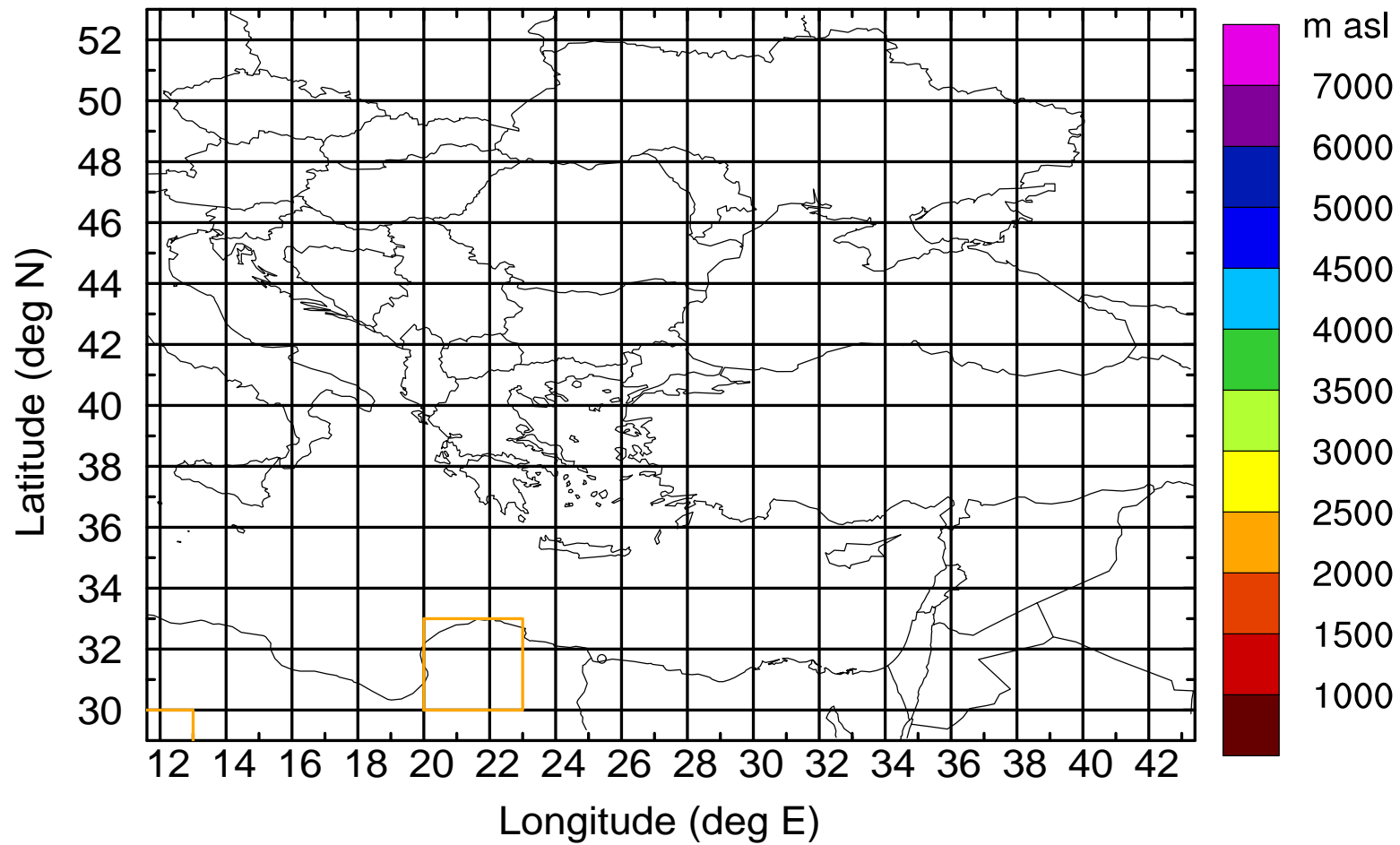
STS ground station 20170401

BWD 20170401/21-137H = \*\*/04 UTC



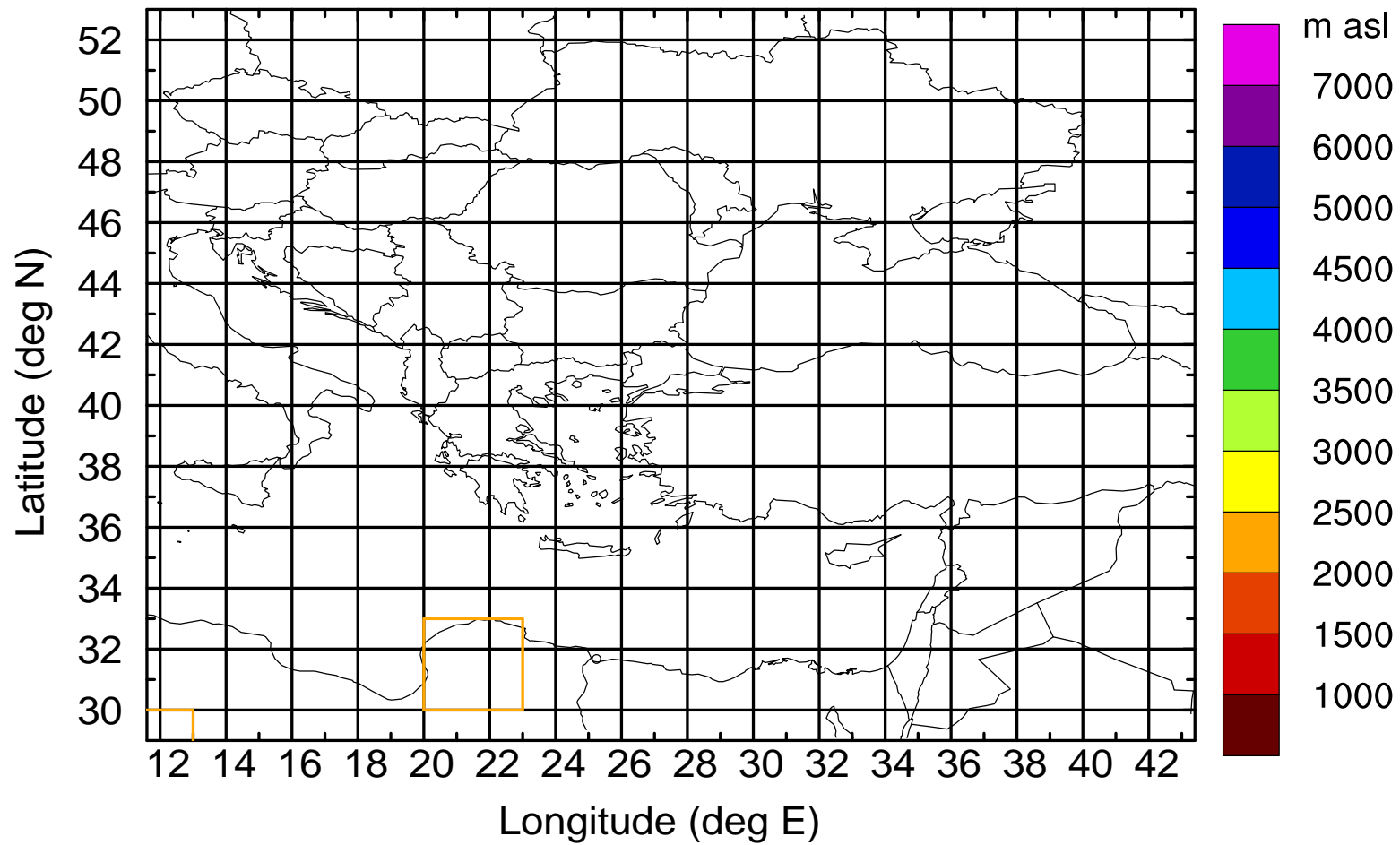
STS ground station 20170401

BWD 20170401/21-137H = \*\*/04 UTC



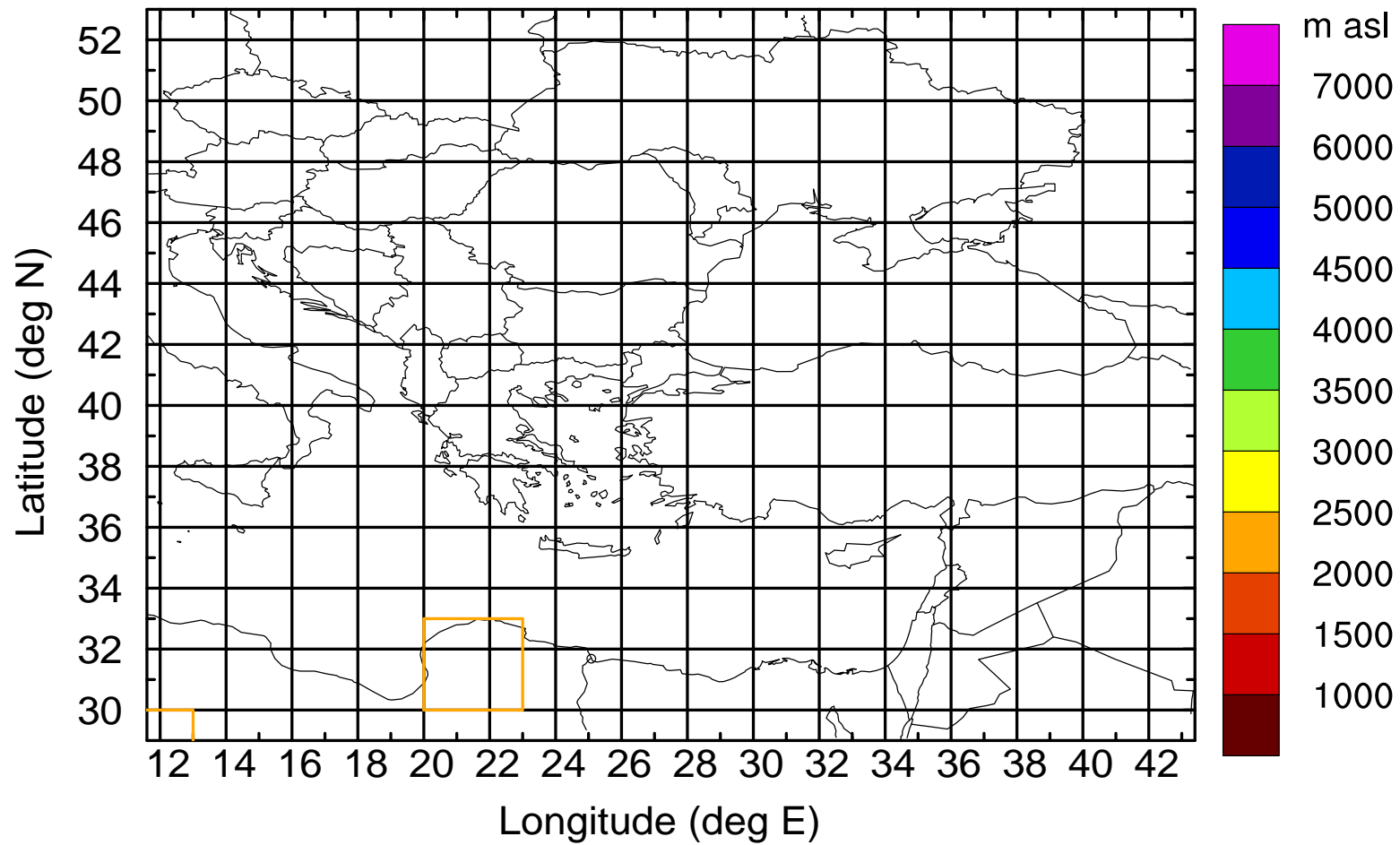
STS ground station 20170401

BWD 20170401/21-137H = \*\*/04 UTC



STS ground station 20170401

BWD 20170401/21-137H = \*\*/04 UTC



STS ground station 20170401

BWD 20170401/21-137H = \*\*/04 UTC

