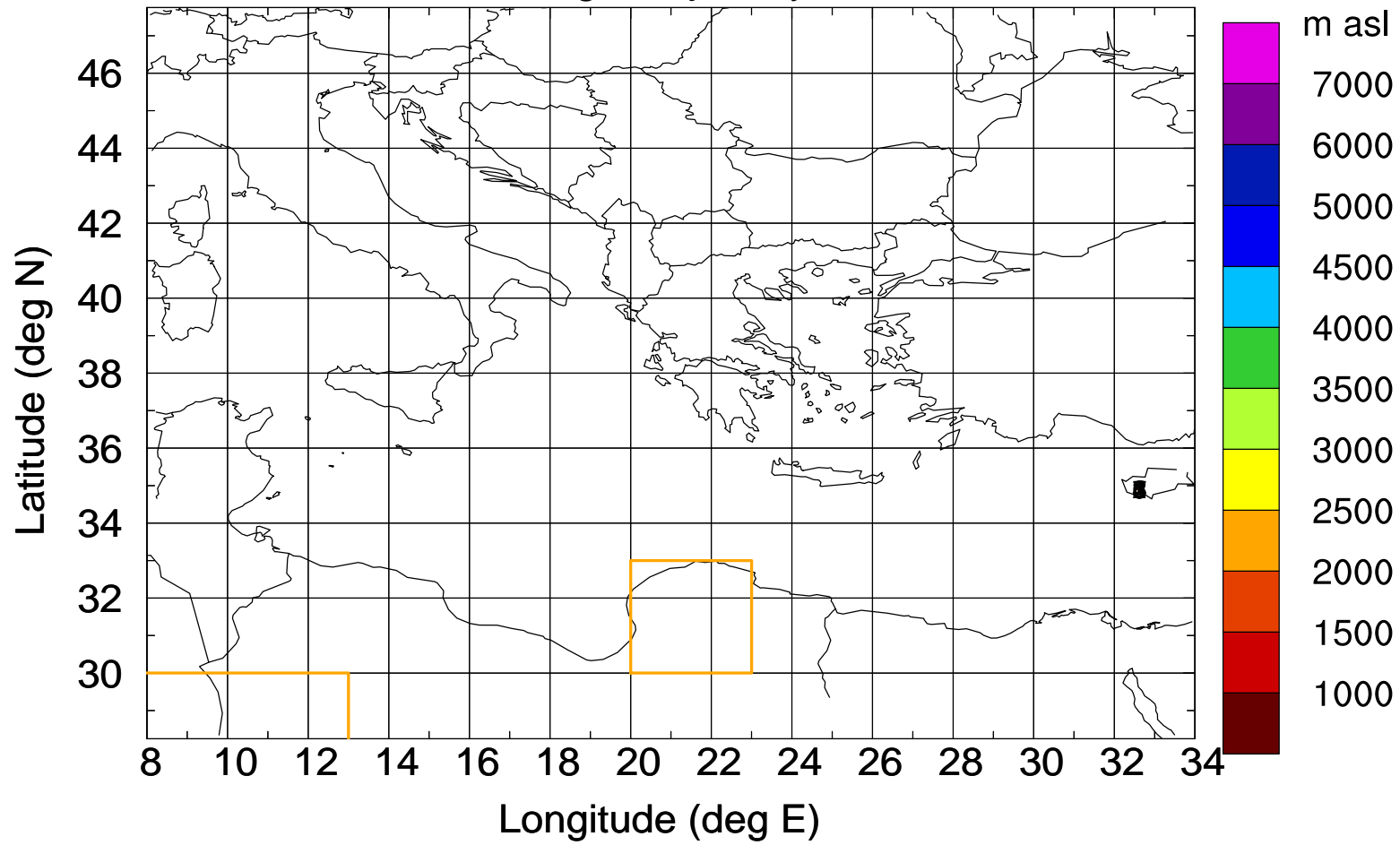


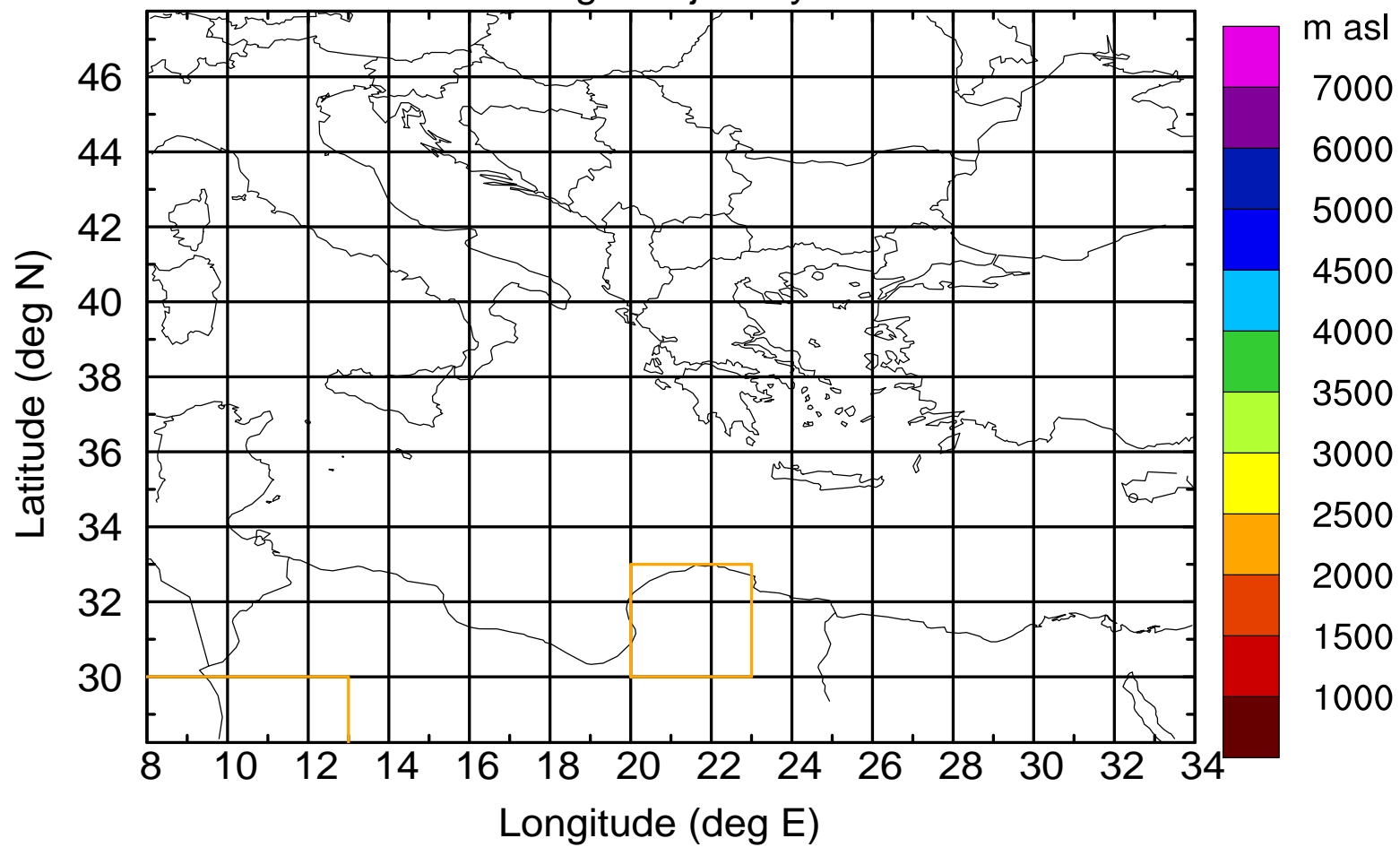
STS ground station 20170417

Flight trajectory



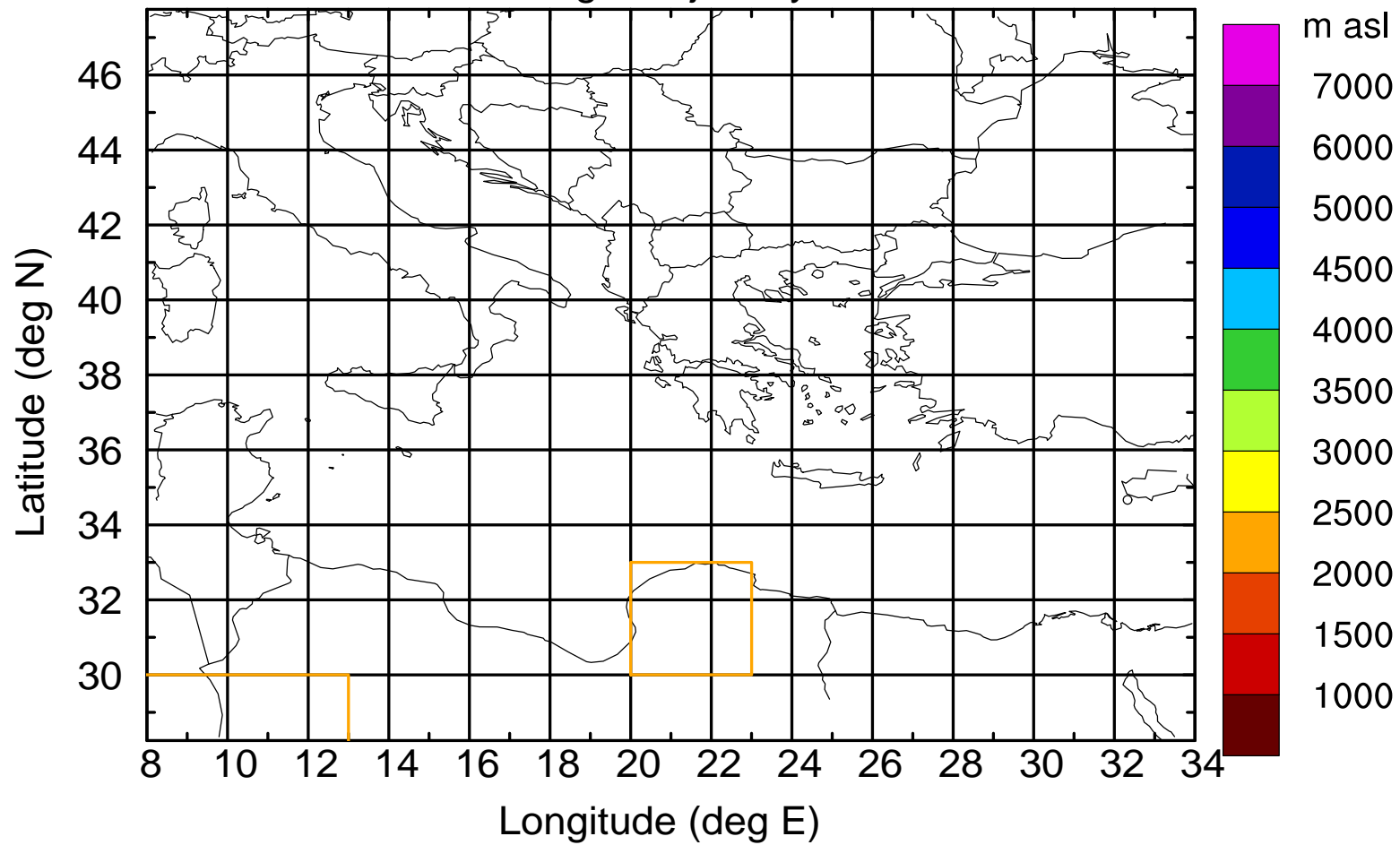
STS ground station 20170417

Flight trajectory



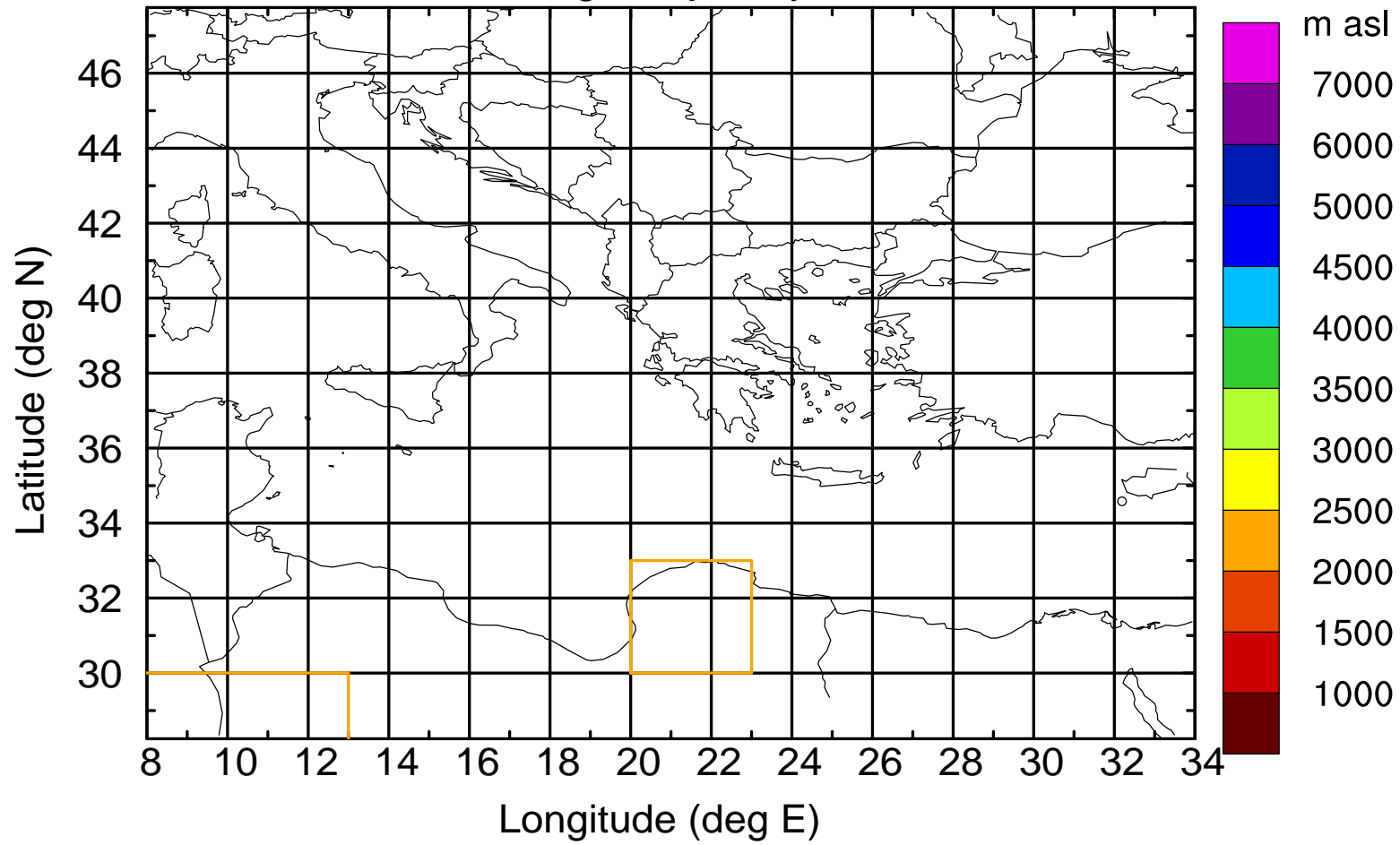
STS ground station 20170417

Flight trajectory



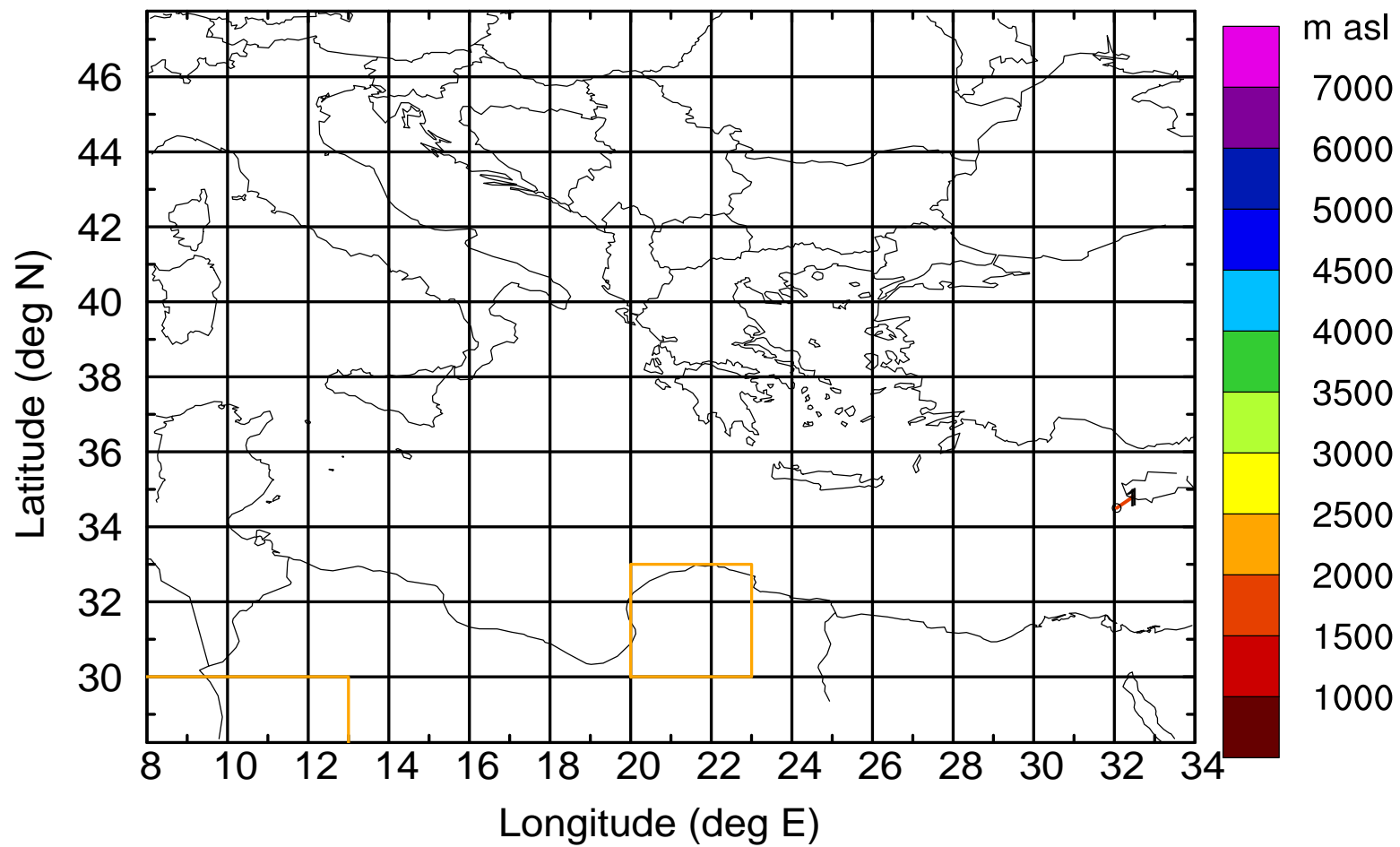
STS ground station 20170417

Flight trajectory



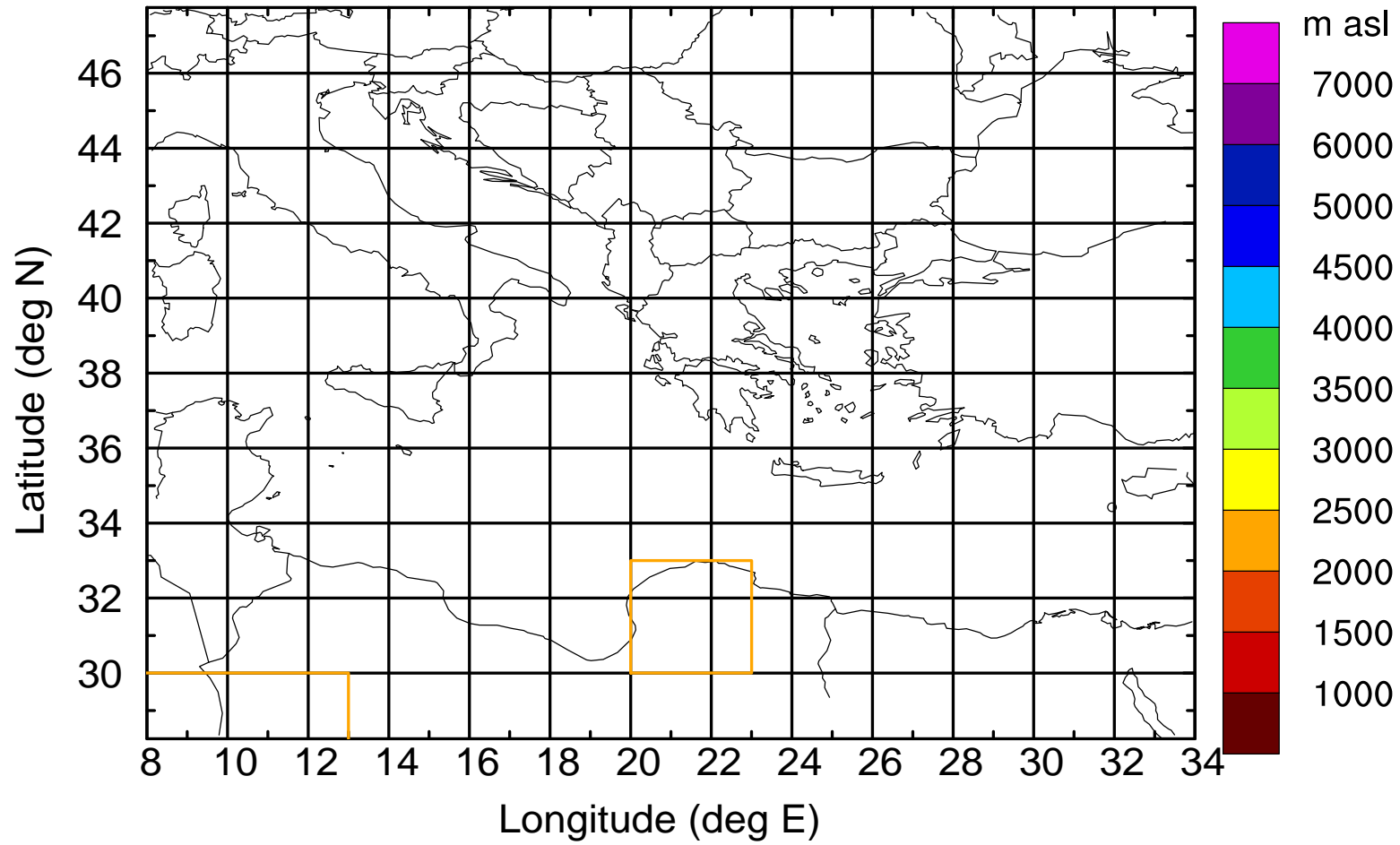
STS ground station 20170417

BWD 20170417/21 -04H = 17/17 UTC



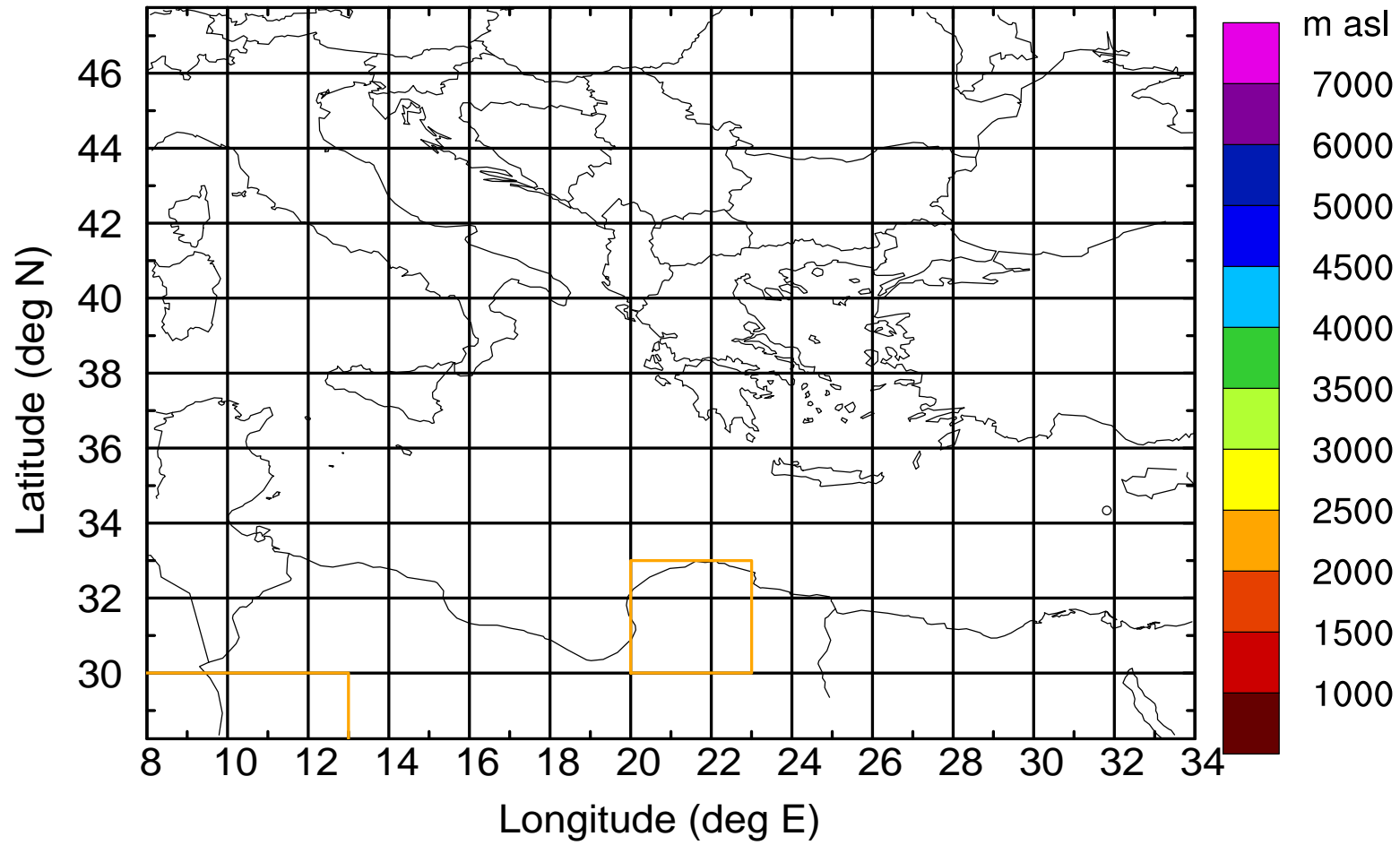
STS ground station 20170417

BWD 20170417/21 -04H = 17/17 UTC



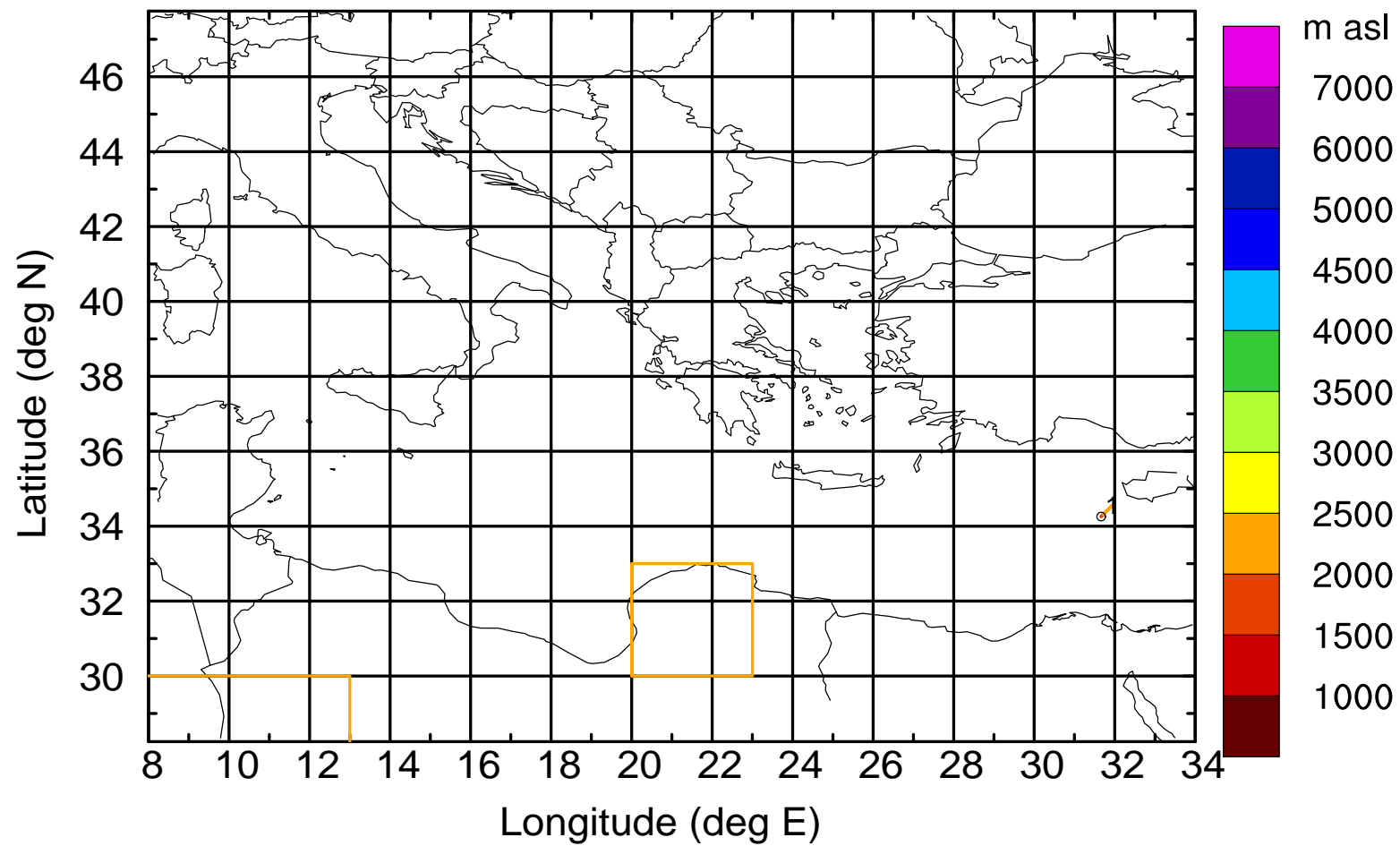
STS ground station 20170417

BWD 20170417/21 -04H = 17/17 UTC



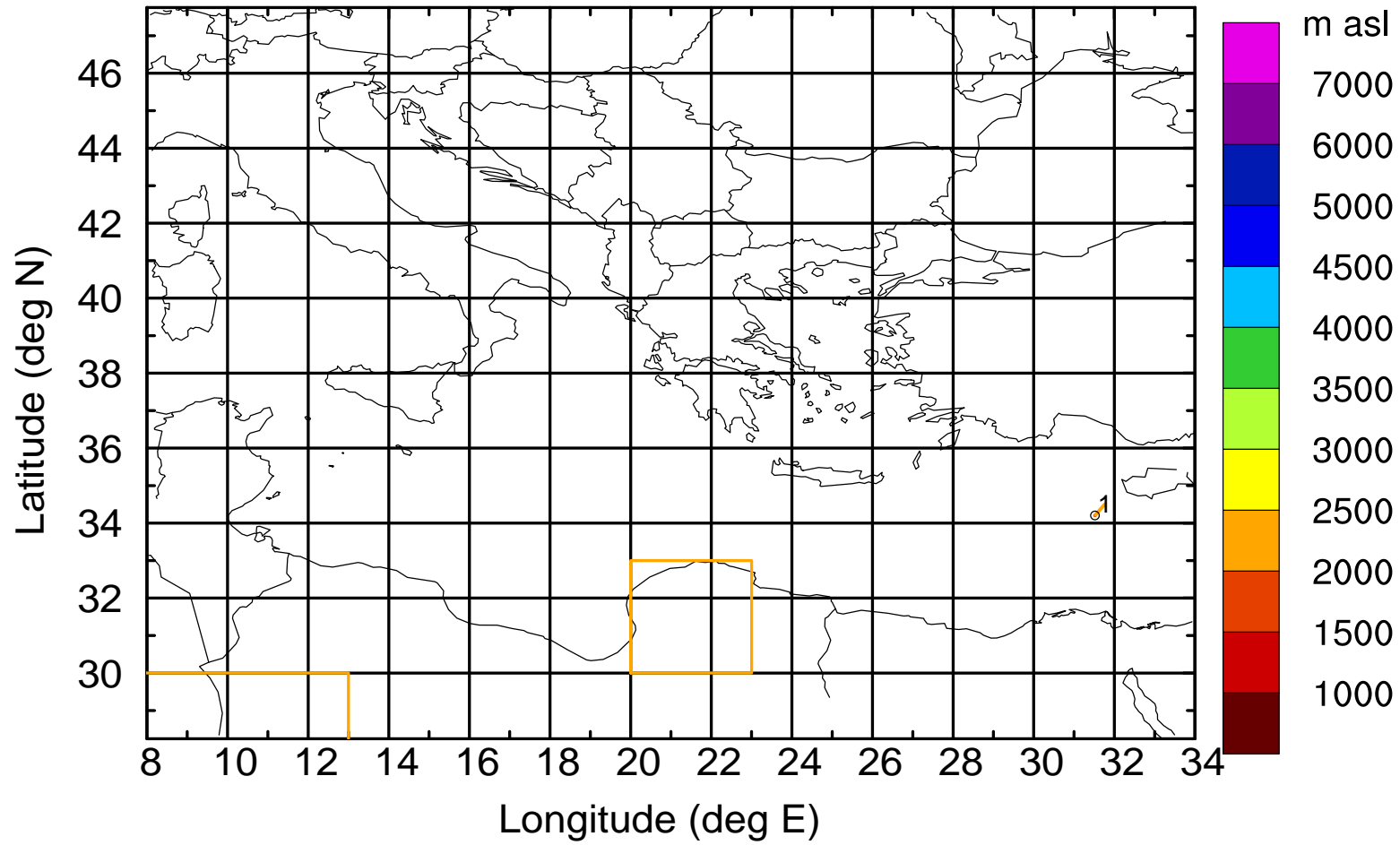
STS ground station 20170417

BWD 20170417/21 -07H = 17/14 UTC



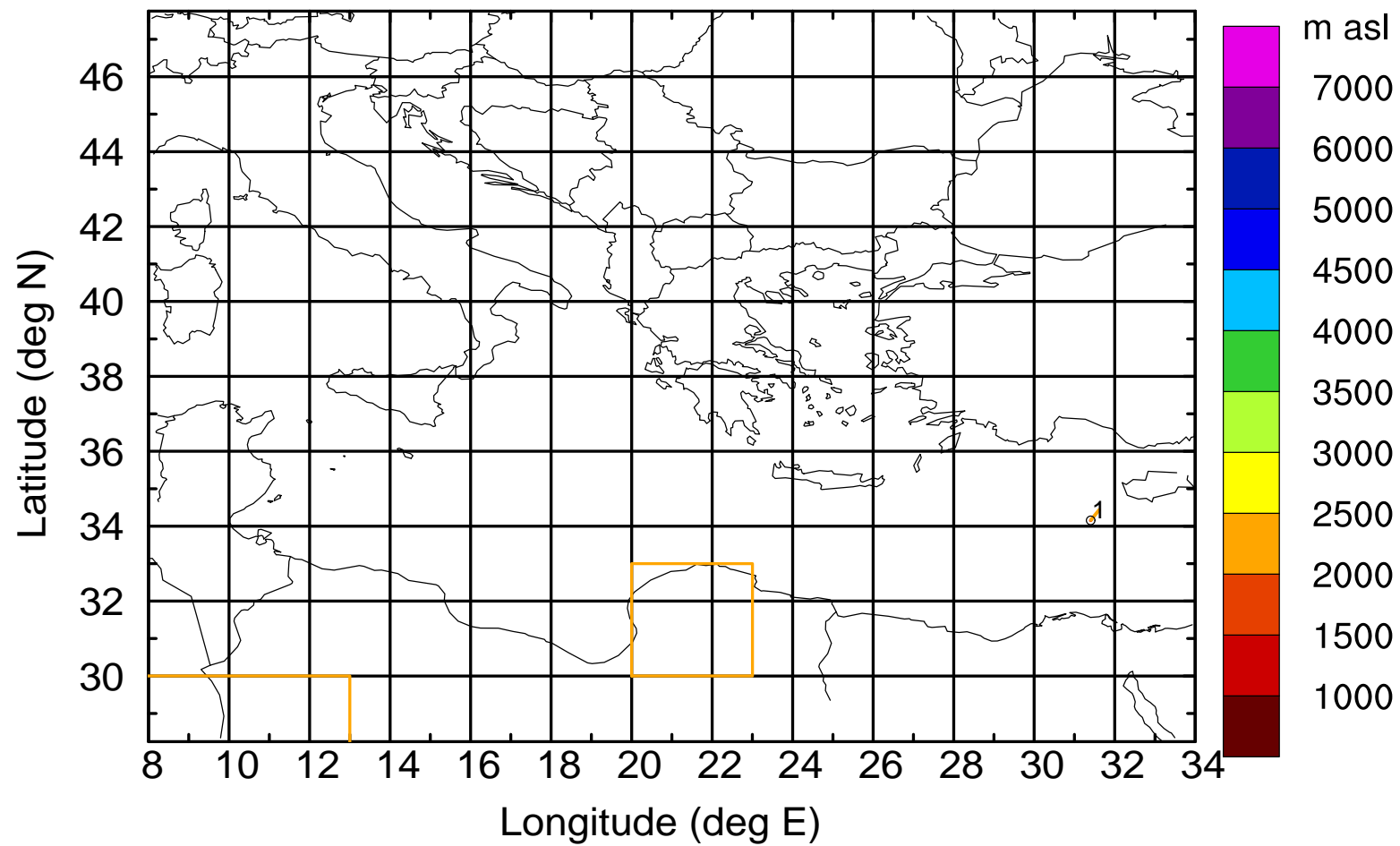
STS ground station 20170417

BWD 20170417/21 -08H = 17/13 UTC



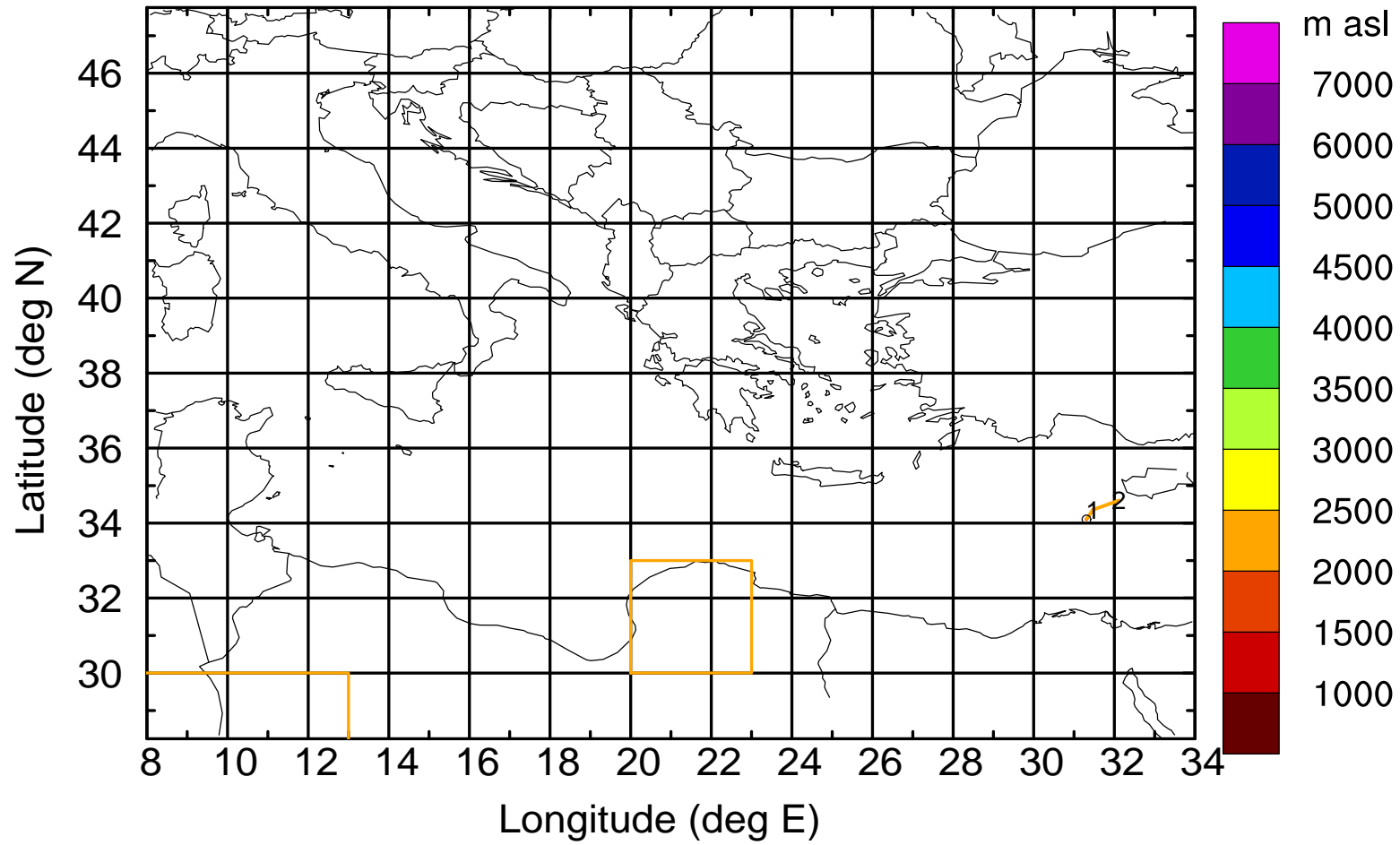
STS ground station 20170417

BWD 20170417/21 -09H = 17/12 UTC



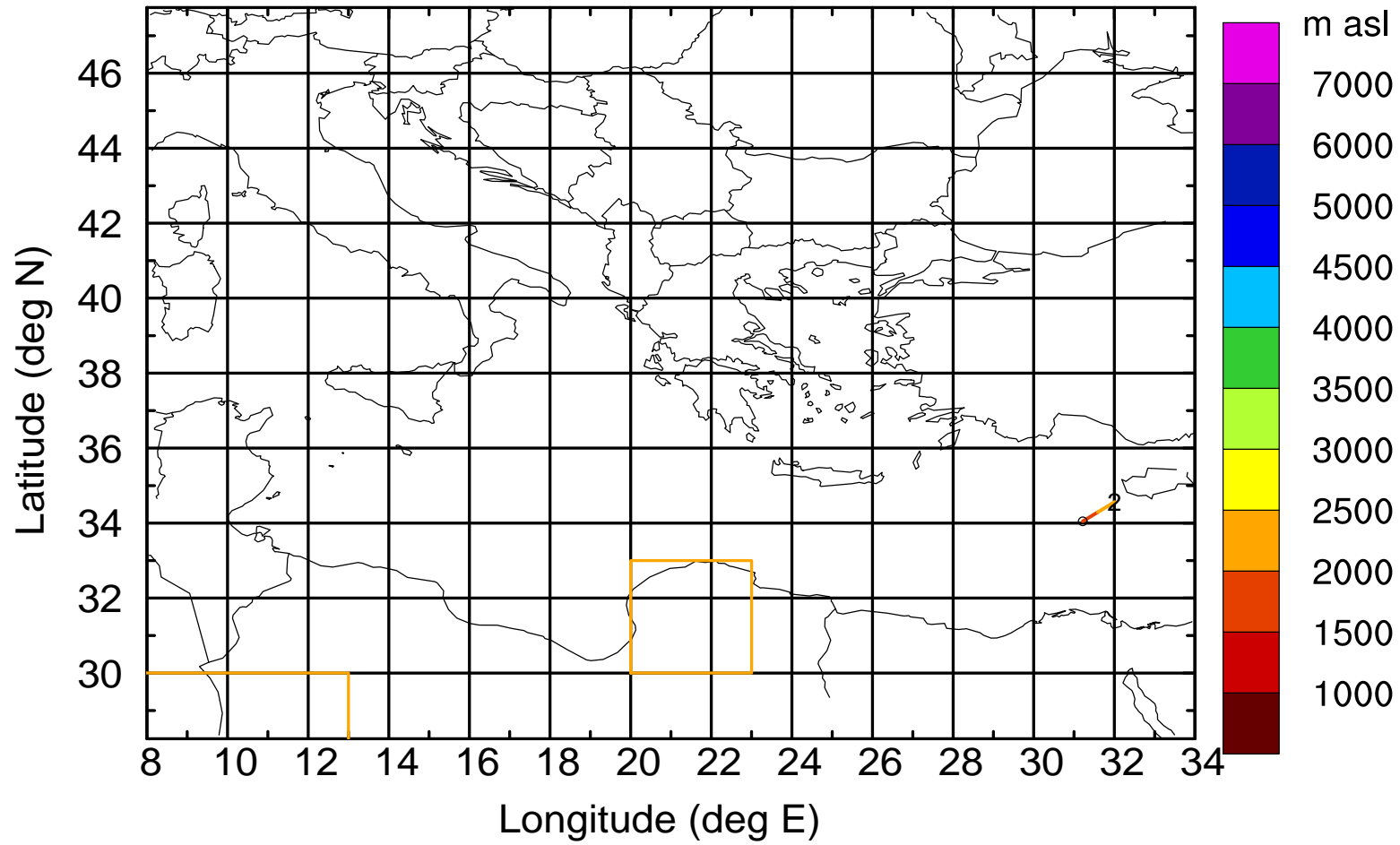
STS ground station 20170417

BWD 20170417/21 -10H = 17/11 UTC



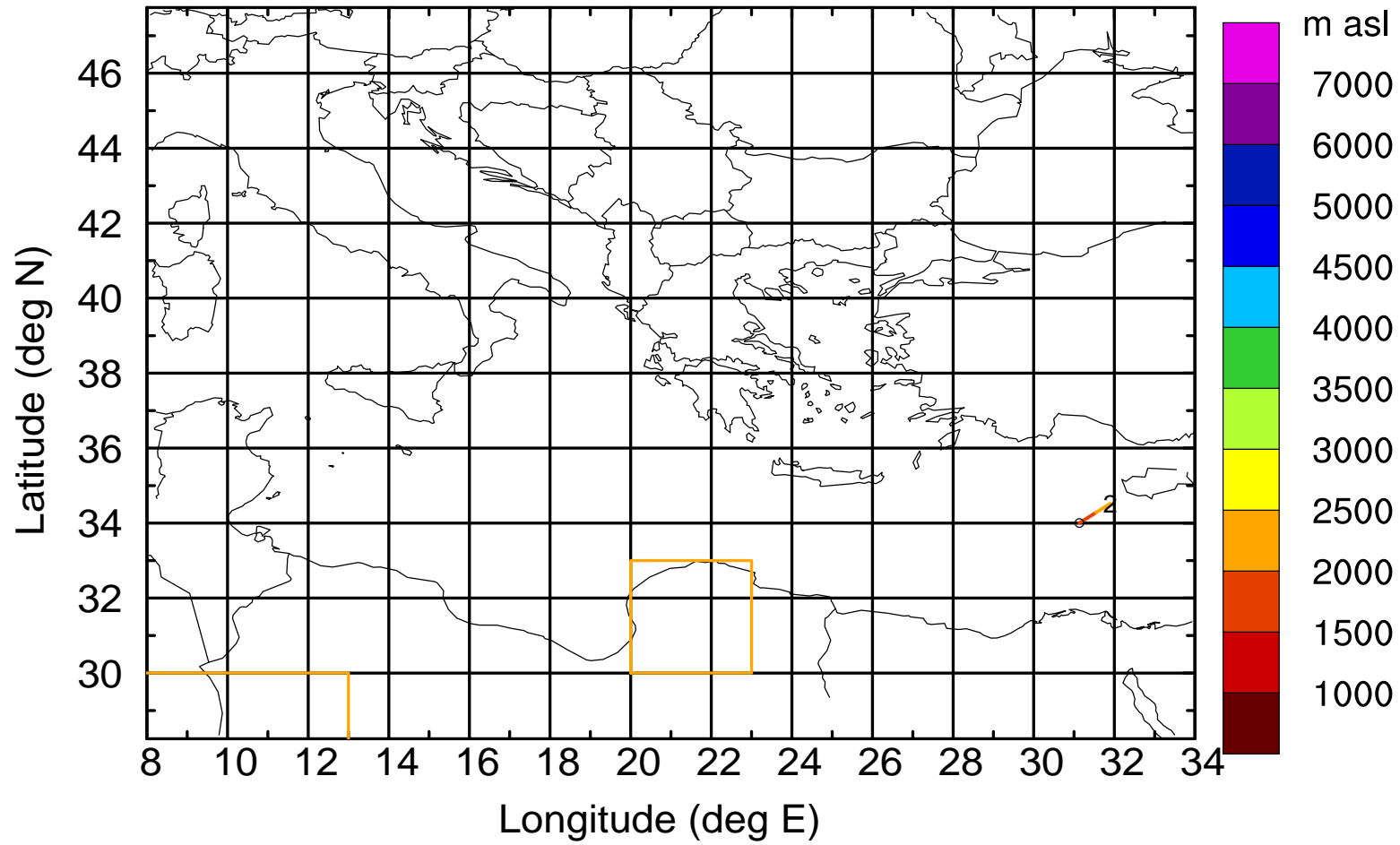
STS ground station 20170417

BWD 20170417/21 -11H = 17/10 UTC



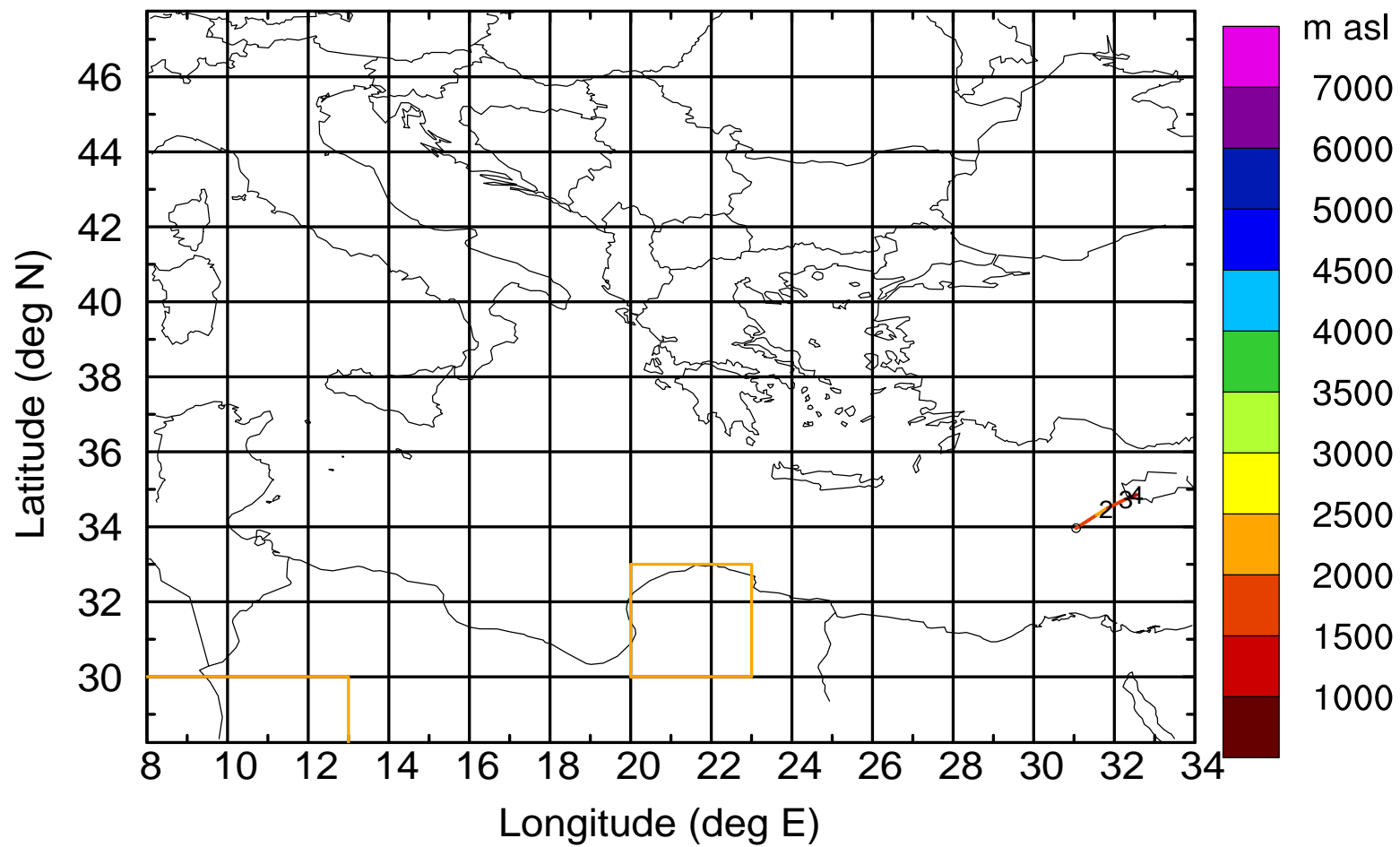
STS ground station 20170417

BWD 20170417/21 -12H = 17/09 UTC



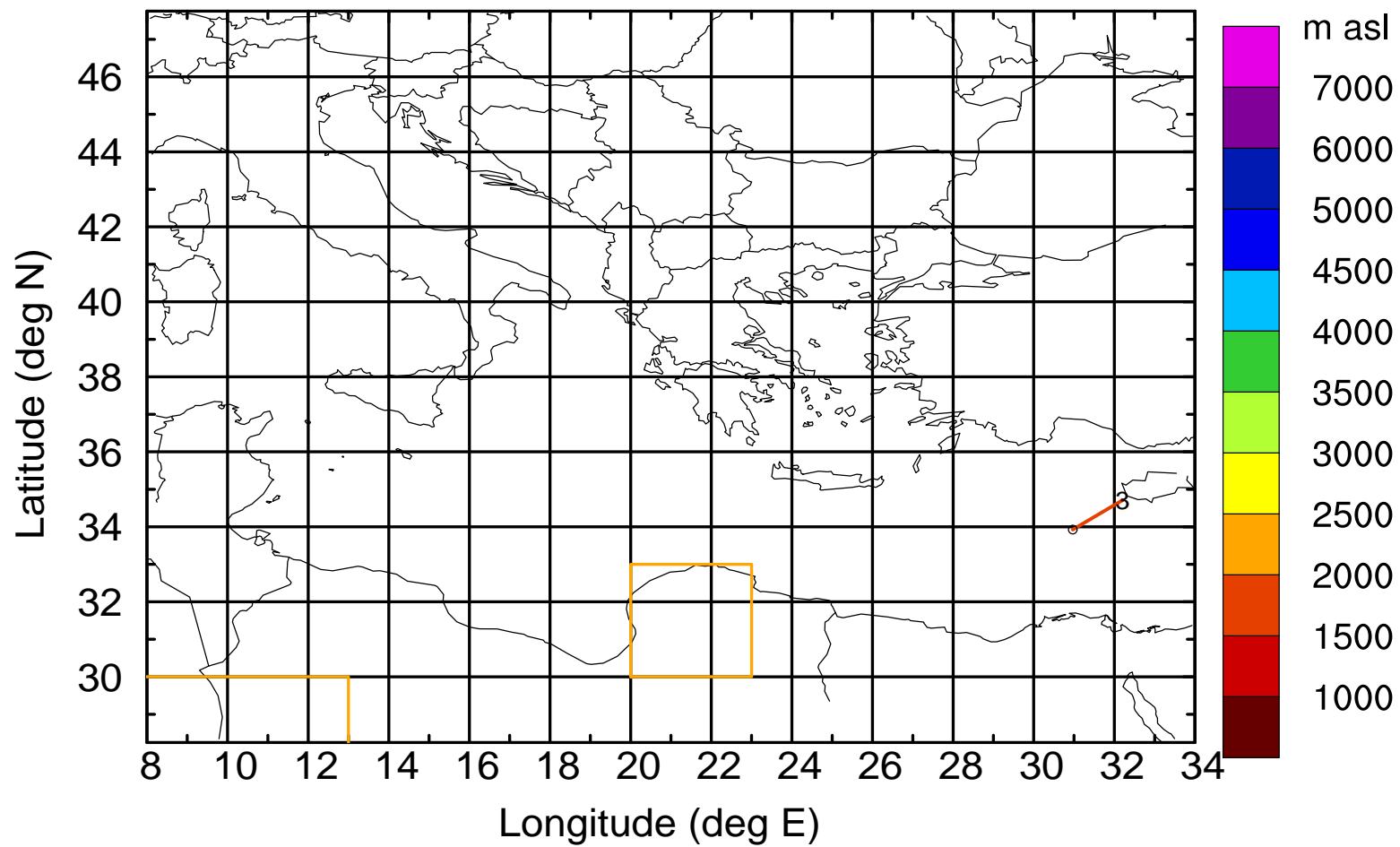
STS ground station 20170417

BWD 20170417/21 -13H = 17/08 UTC



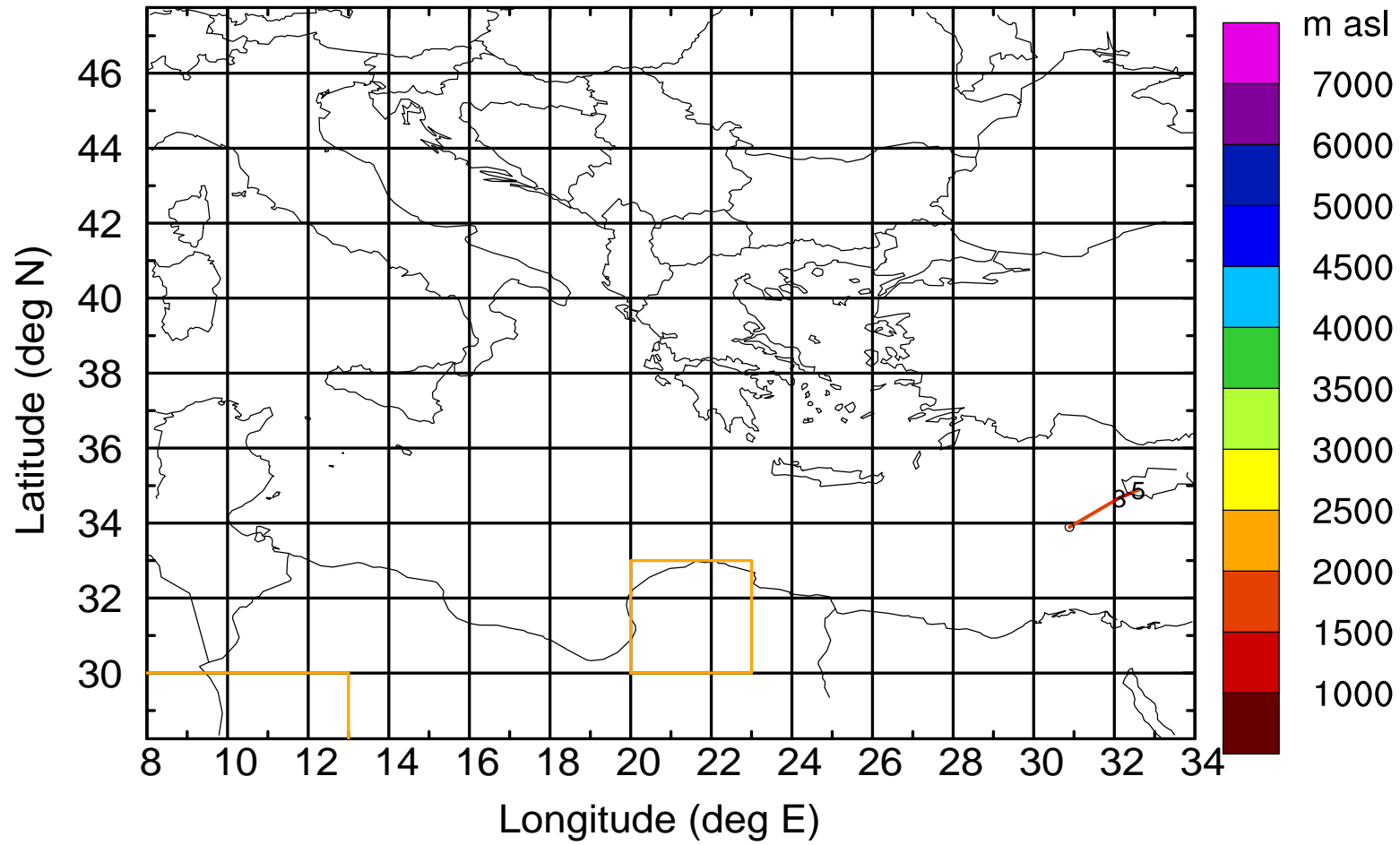
STS ground station 20170417

BWD 20170417/21 -14H = 17/07 UTC



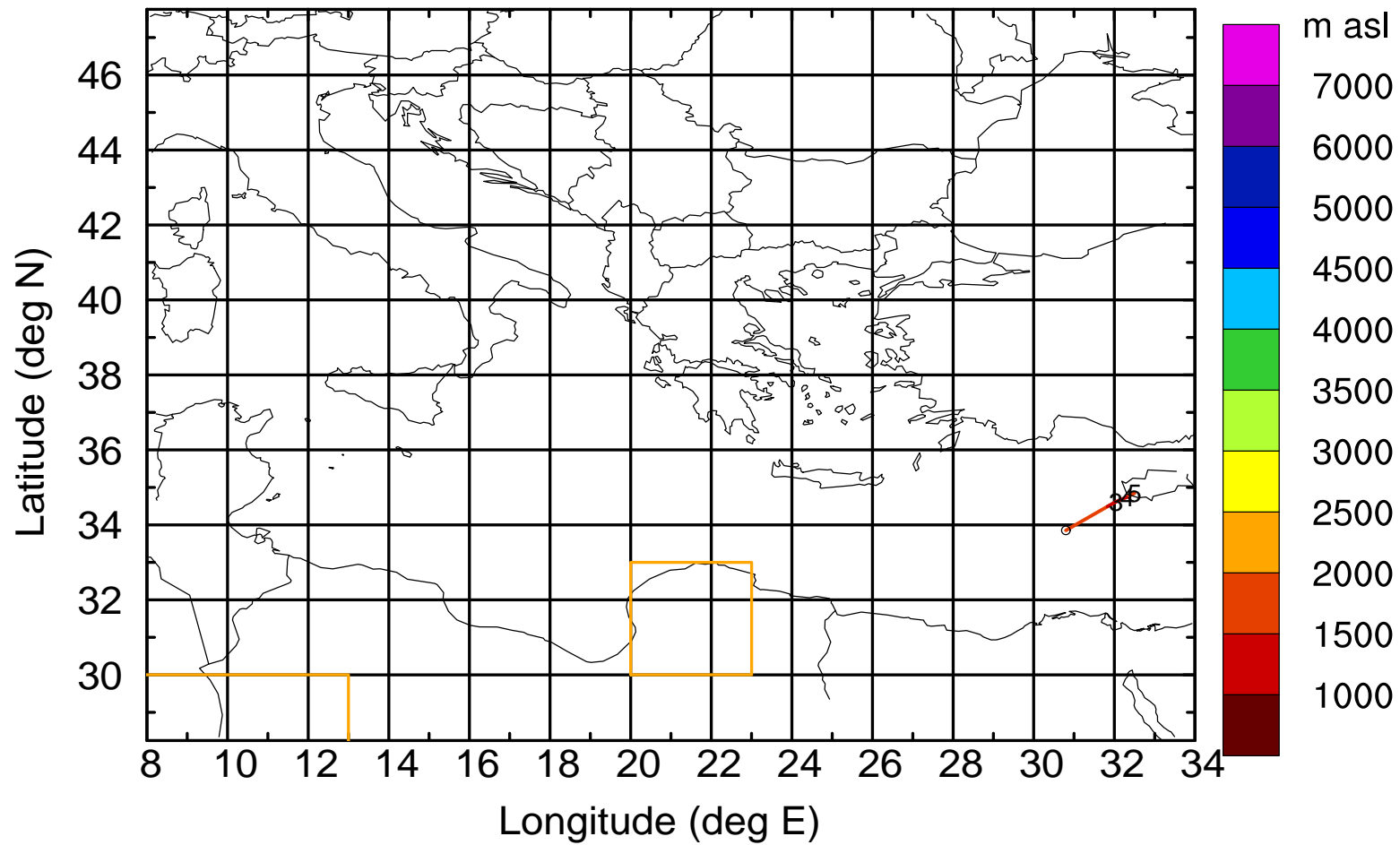
STS ground station 20170417

BWD 20170417/21 -15H = 17/06 UTC



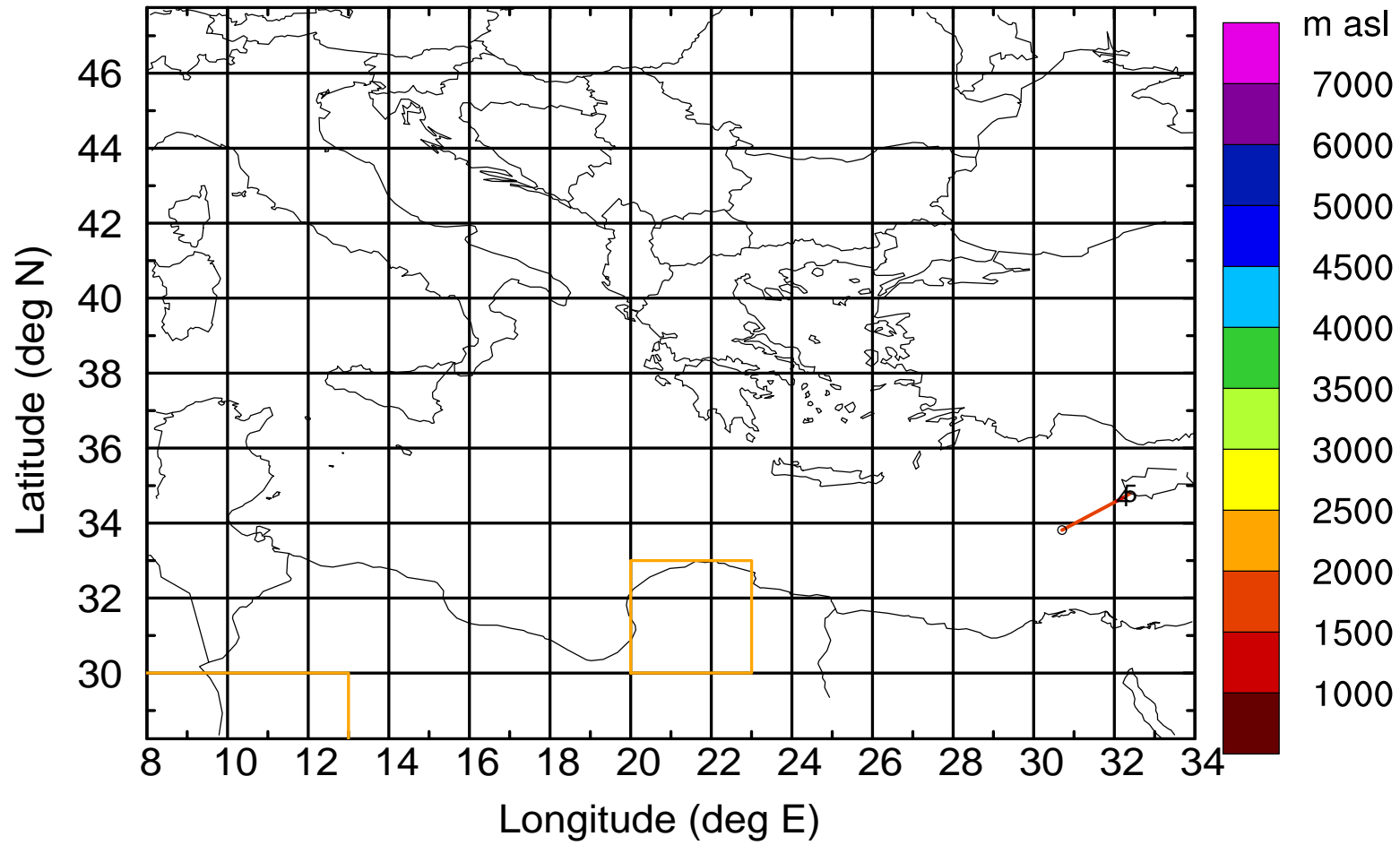
STS ground station 20170417

BWD 20170417/21 -16H = 17/05 UTC



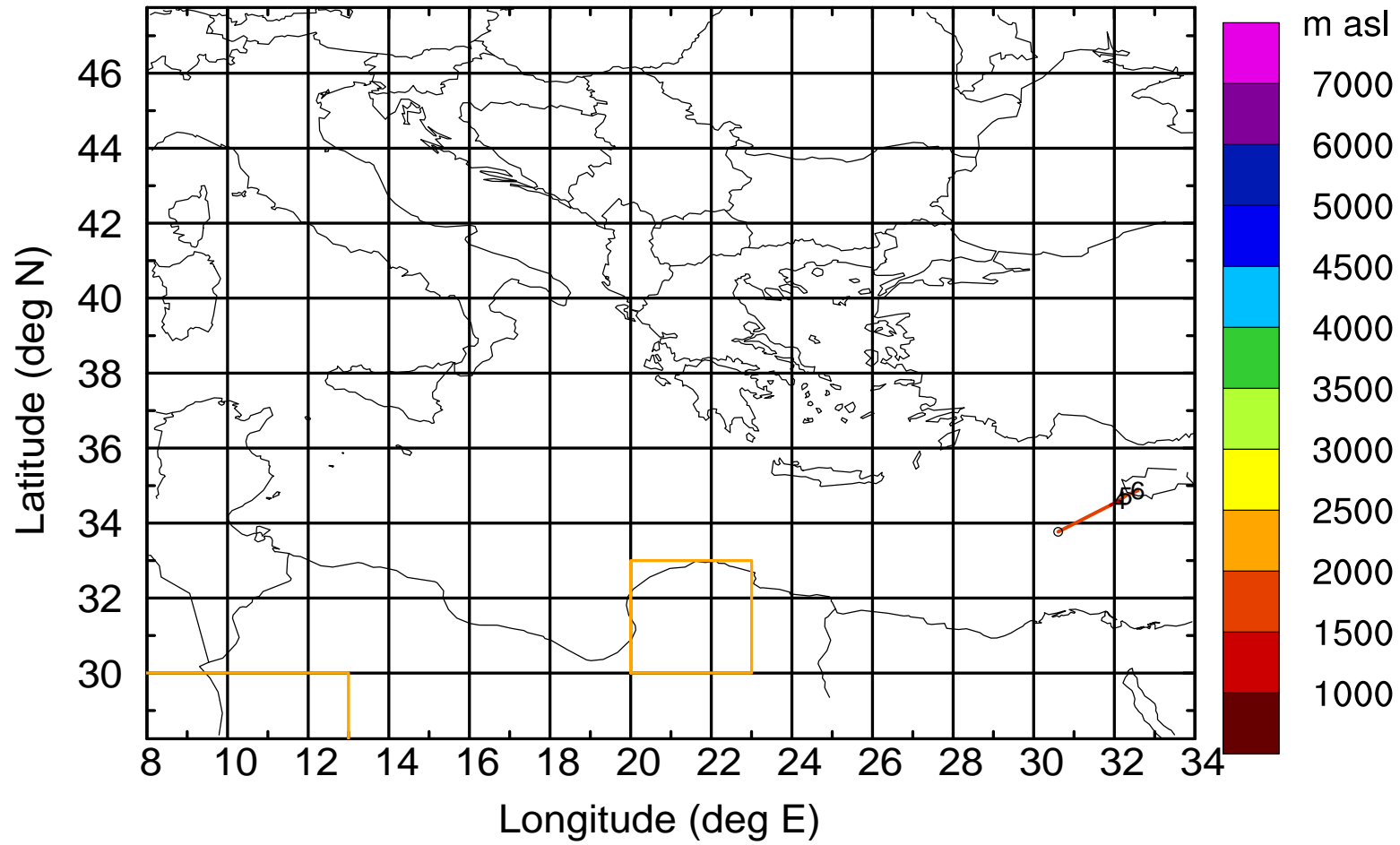
STS ground station 20170417

BWD 20170417/21 -17H = 17/04 UTC



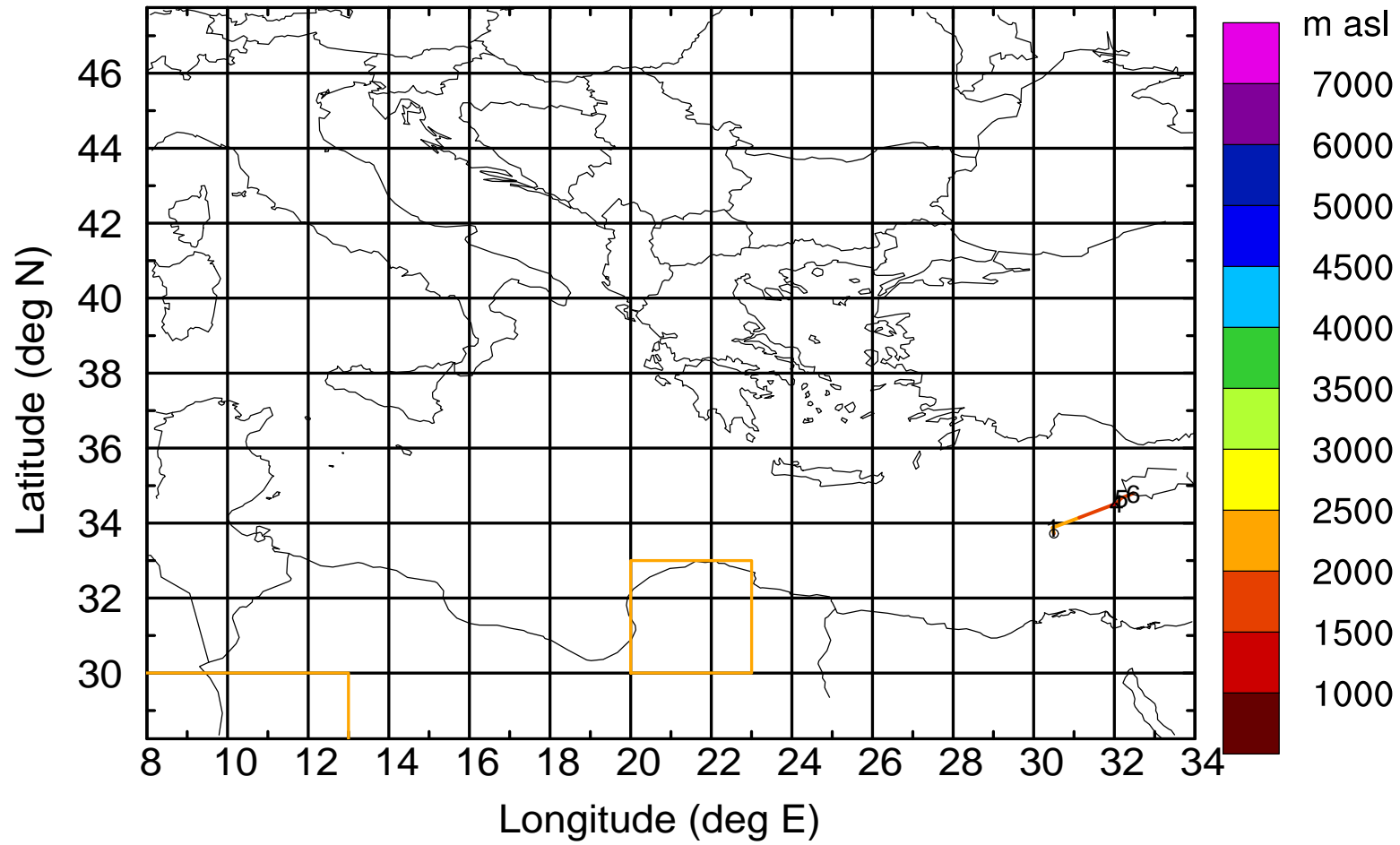
STS ground station 20170417

BWD 20170417/21 -18H = 17/03 UTC



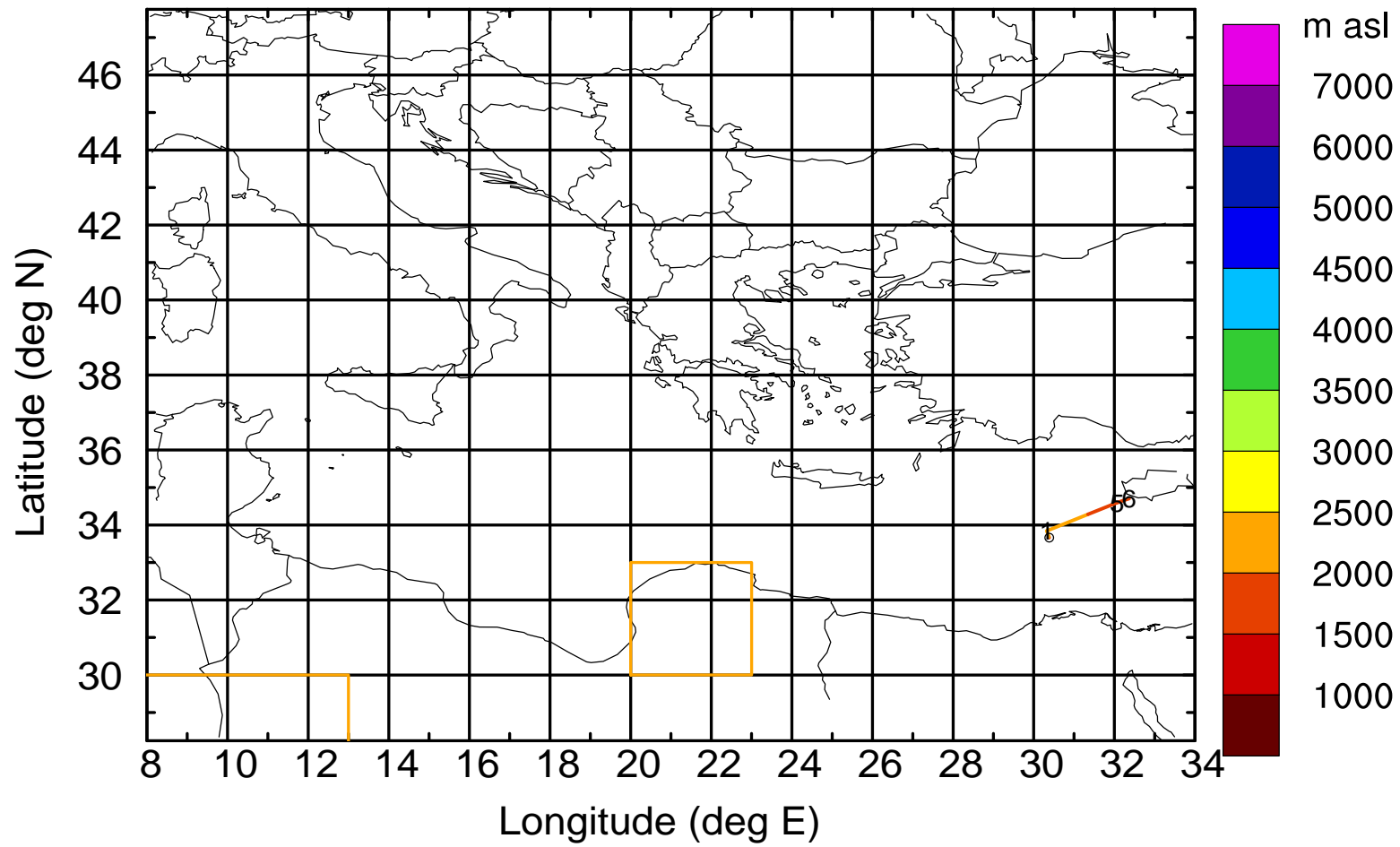
STS ground station 20170417

BWD 20170417/21 -19H = 17/02 UTC



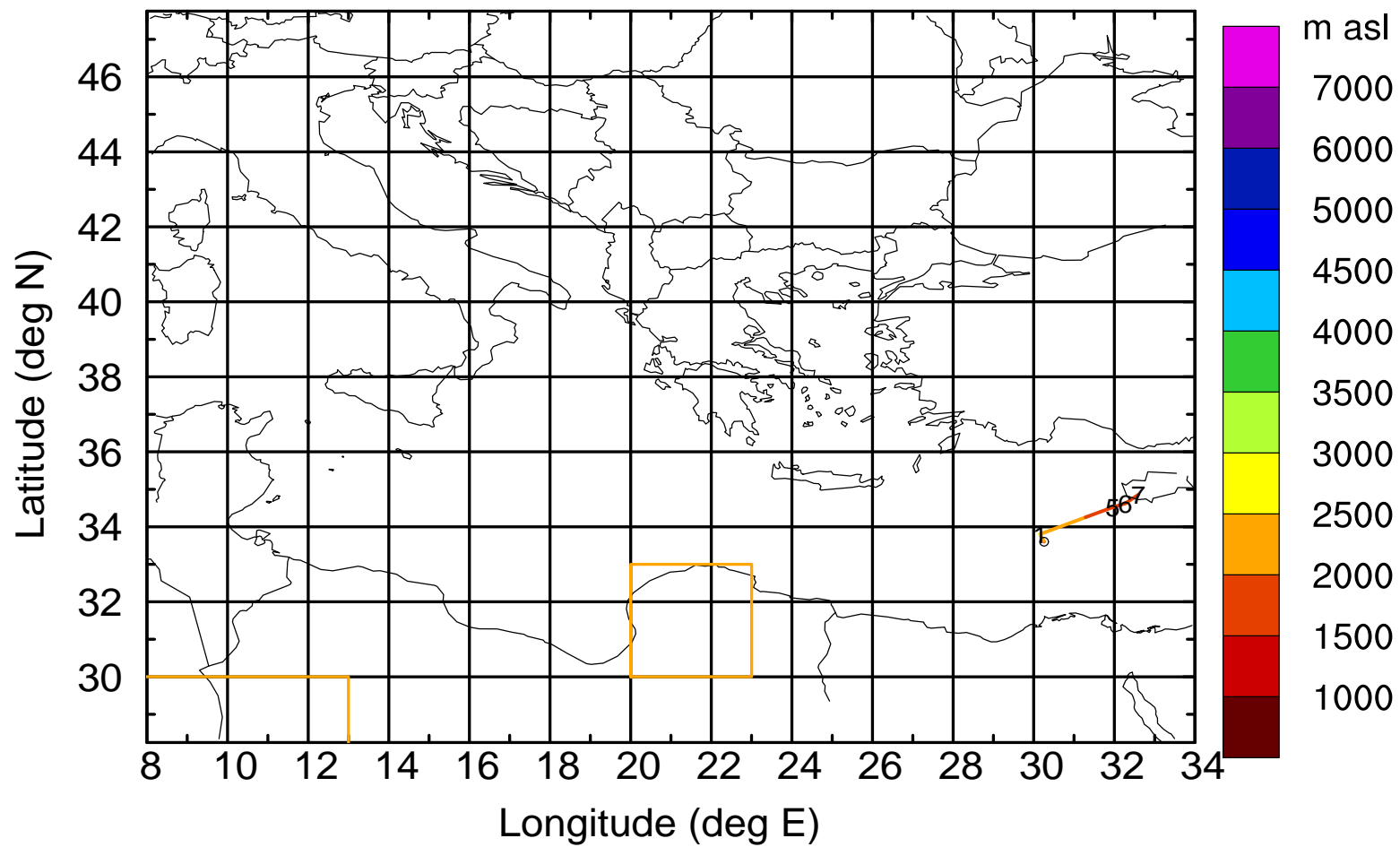
STS ground station 20170417

BWD 20170417/21 -20H = 17/01 UTC



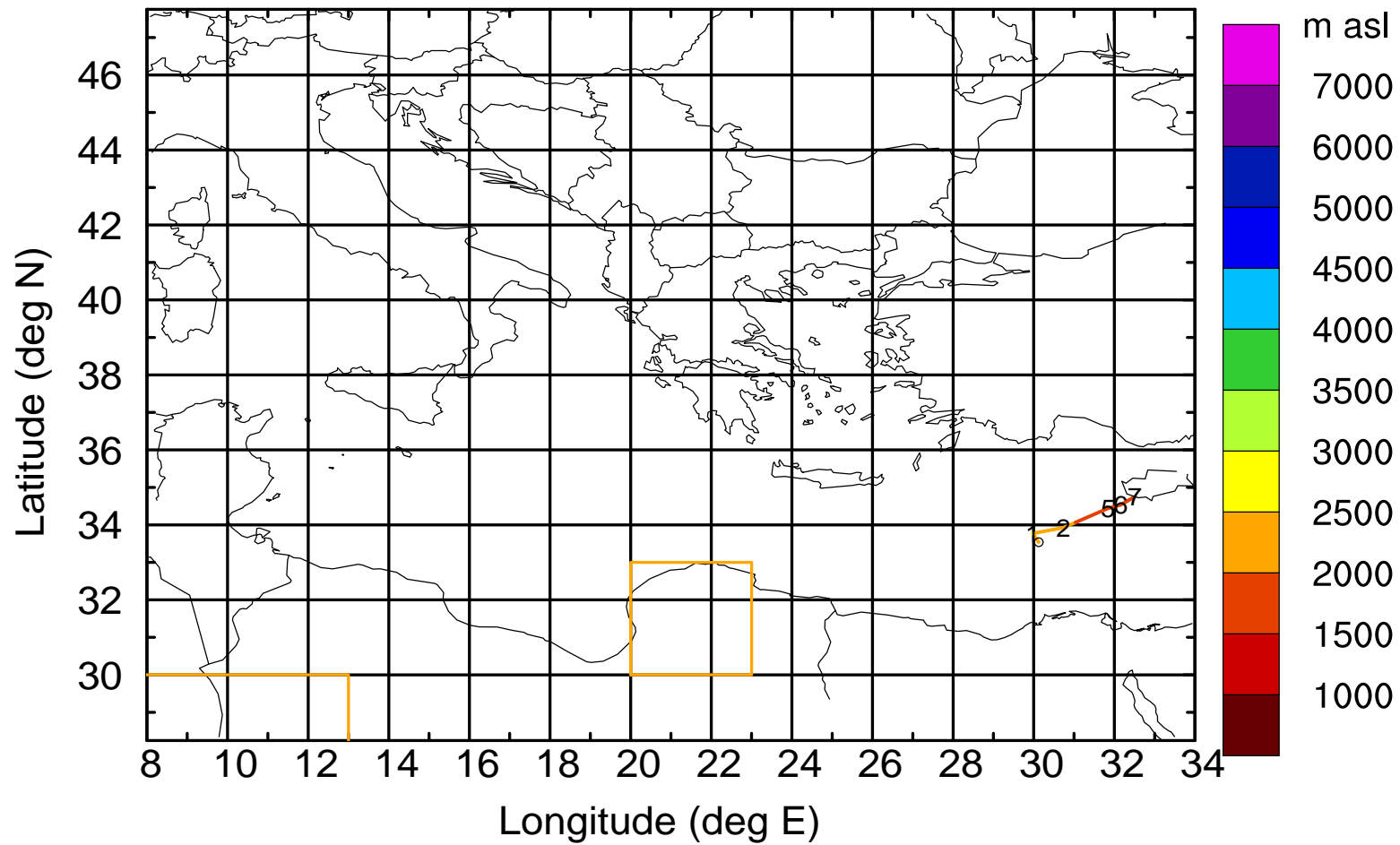
STS ground station 20170417

BWD 20170417/21 -21H = 17/00 UTC



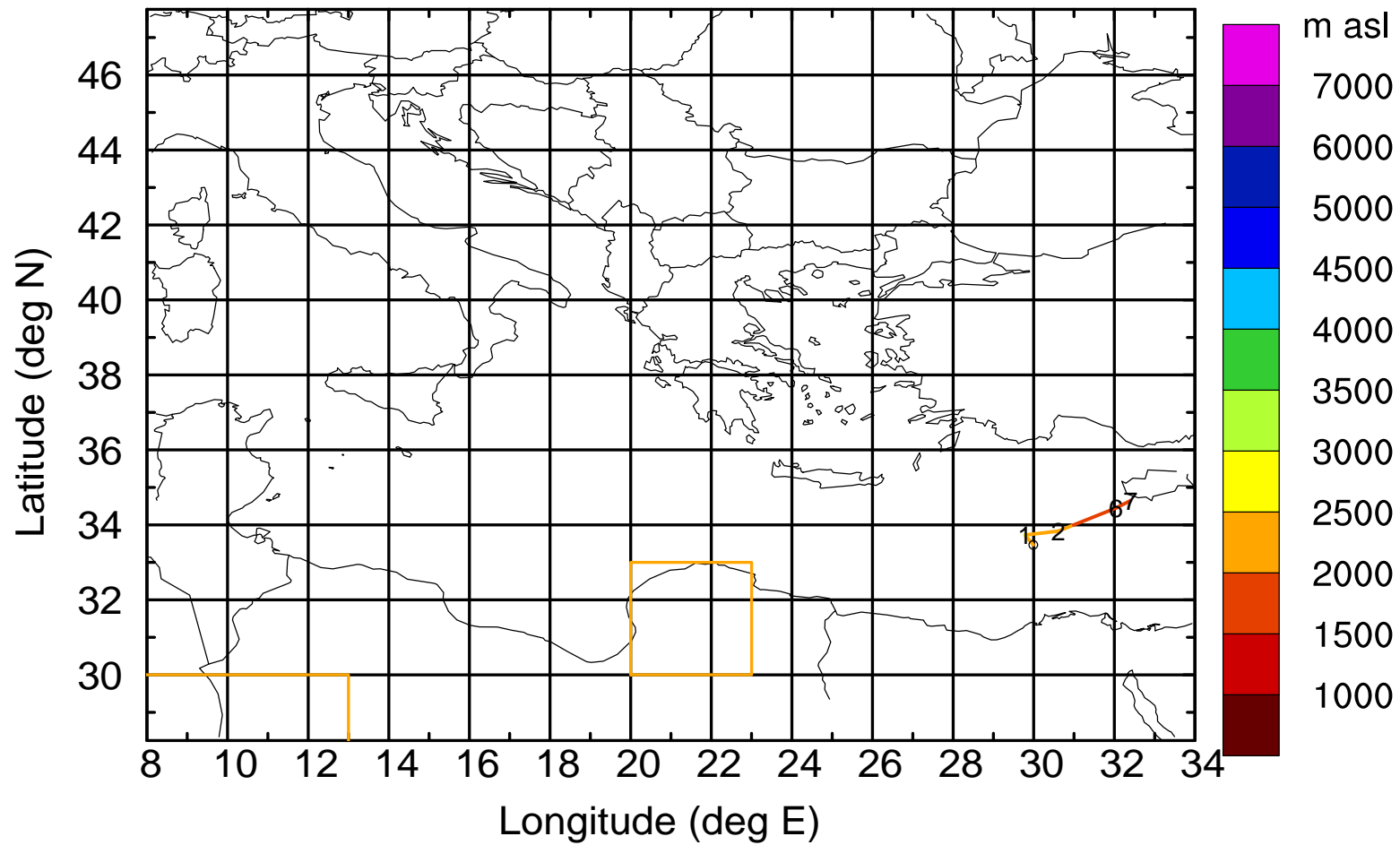
STS ground station 20170417

BWD 20170417/21 -22H = 16/23 UTC



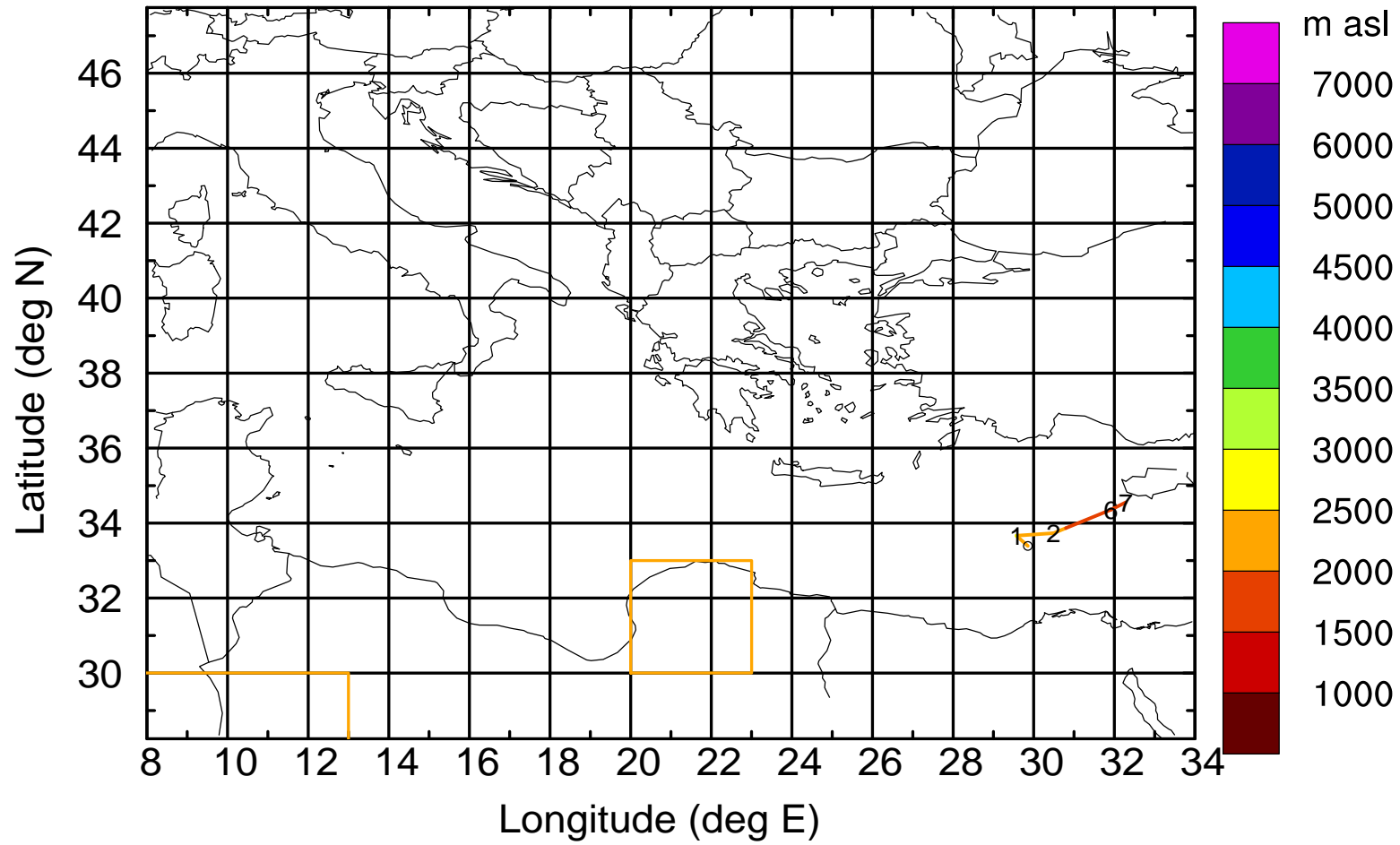
STS ground station 20170417

BWD 20170417/21 -23H = 16/22 UTC



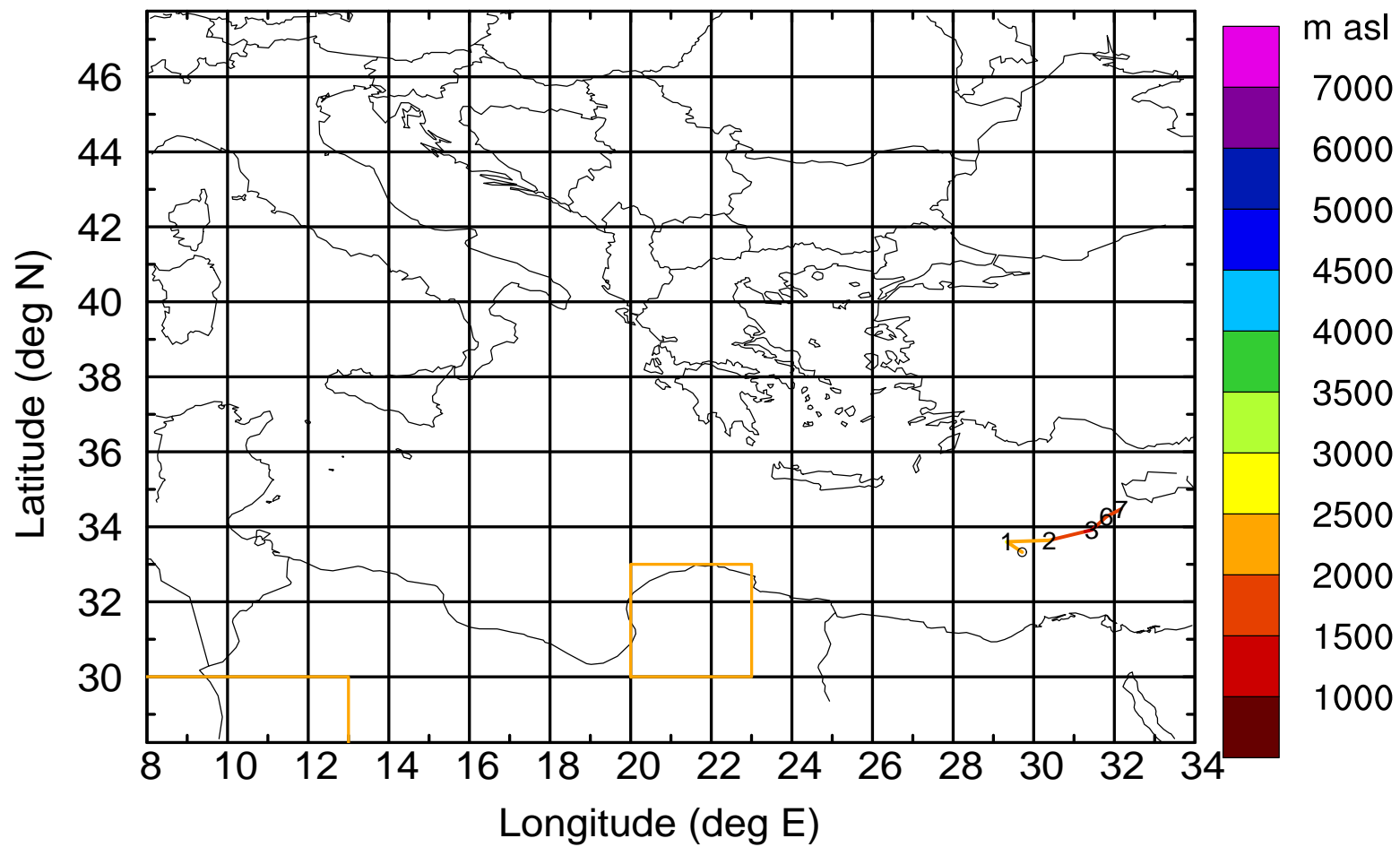
STS ground station 20170417

BWD 20170417/21 -24H = 16/21 UTC



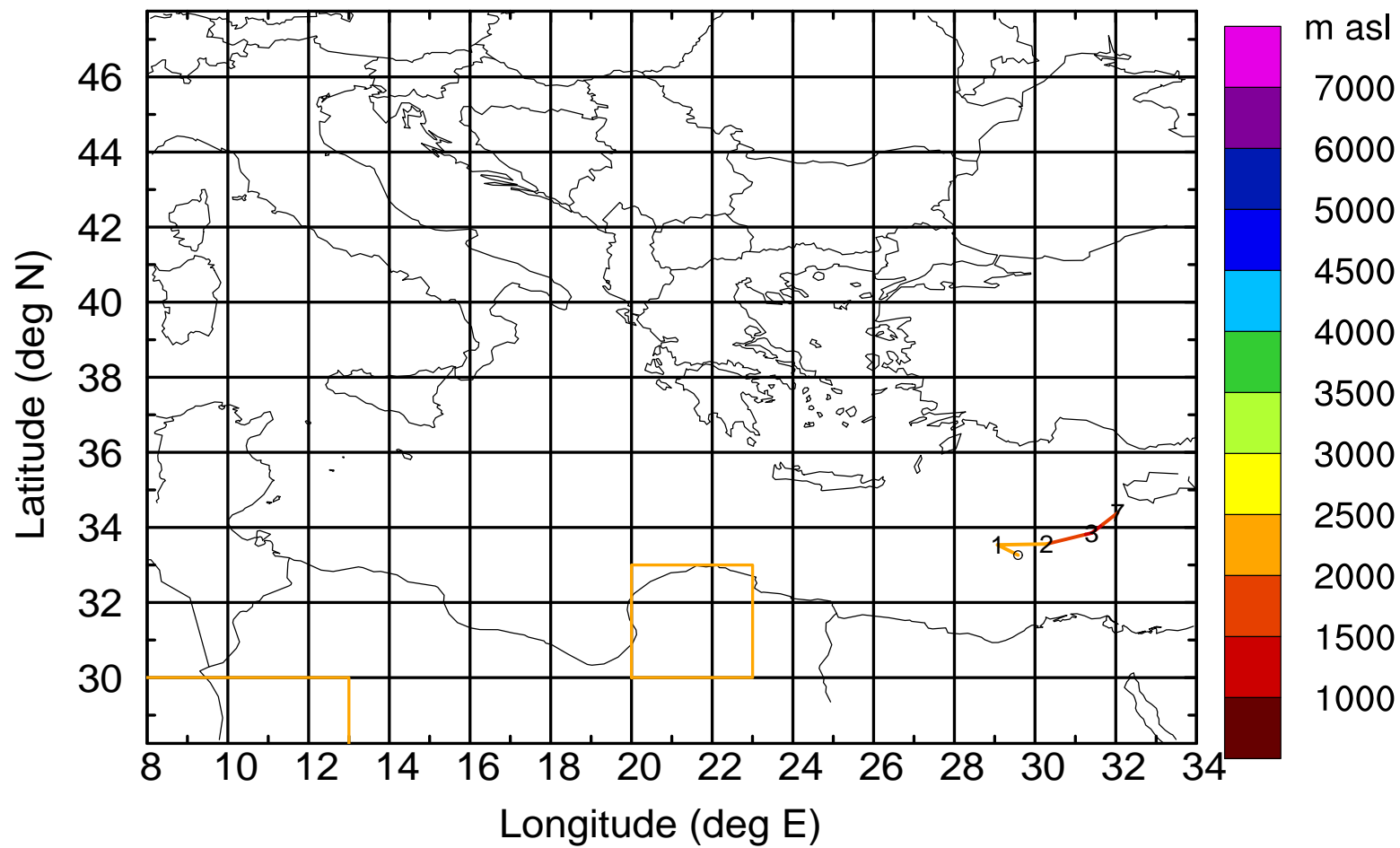
STS ground station 20170417

BWD 20170417/21 -25H = 16/20 UTC



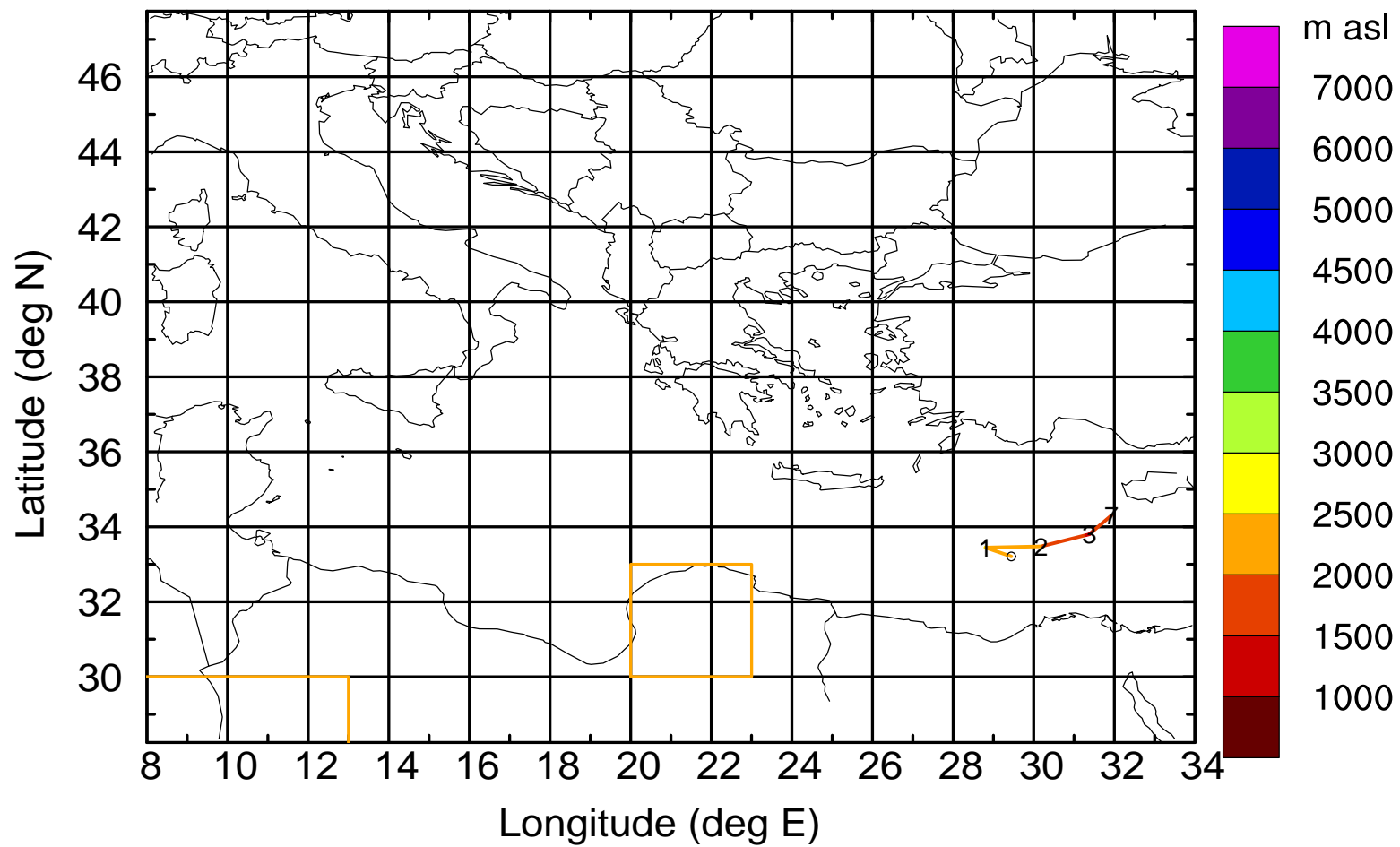
STS ground station 20170417

BWD 20170417/21 -26H = 16/19 UTC



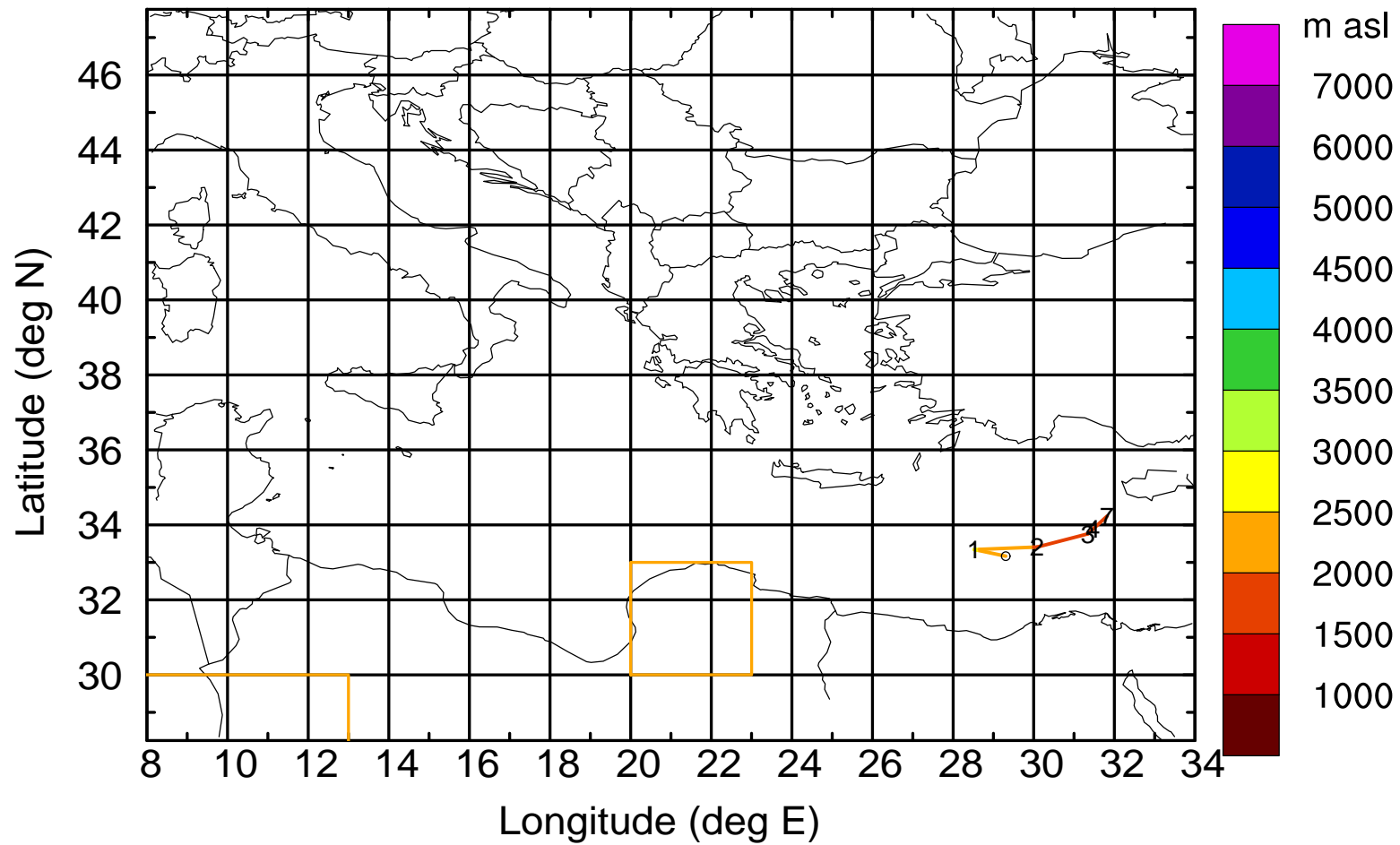
STS ground station 20170417

BWD 20170417/21 -27H = 16/18 UTC



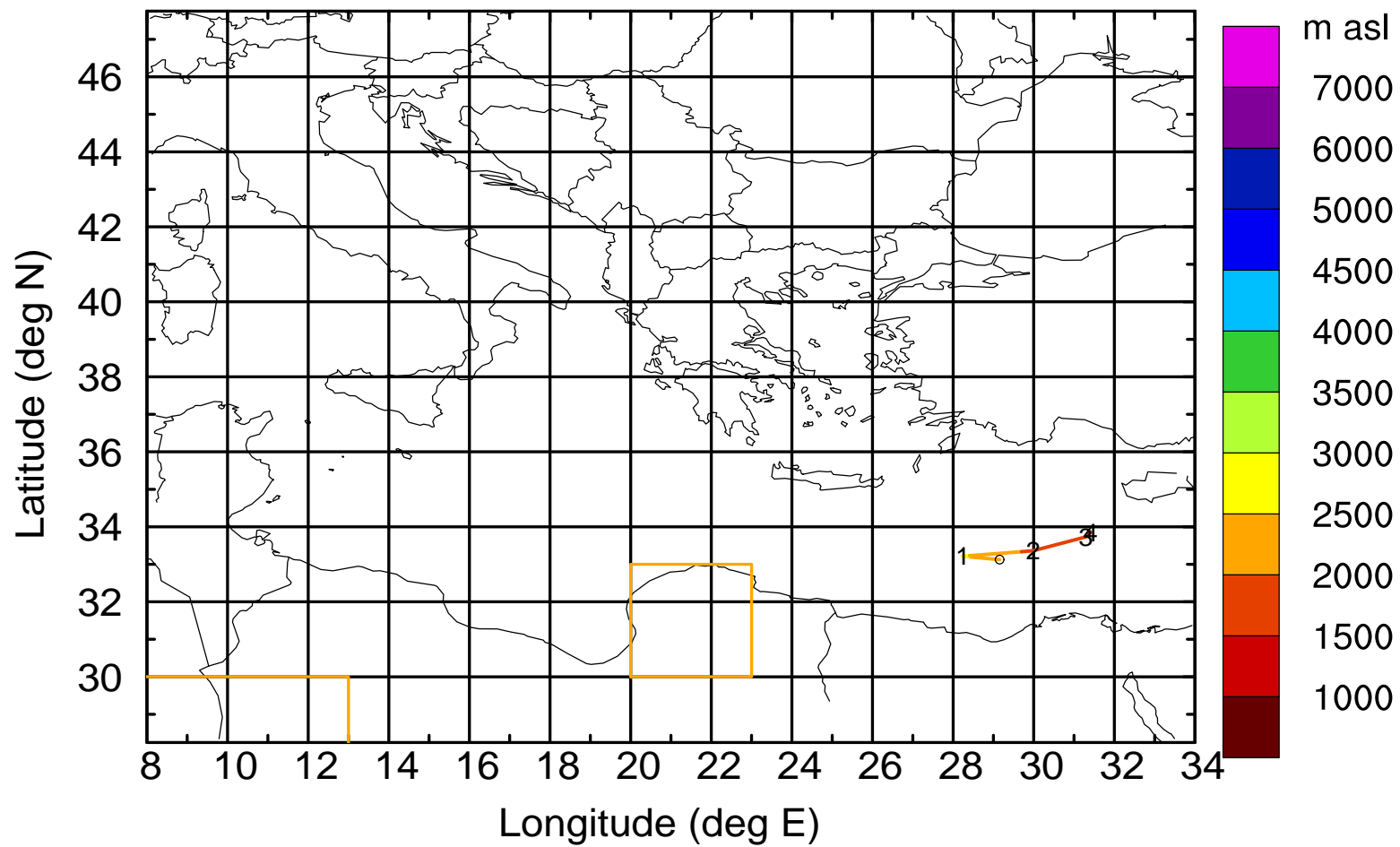
STS ground station 20170417

BWD 20170417/21 -28H = 16/17 UTC



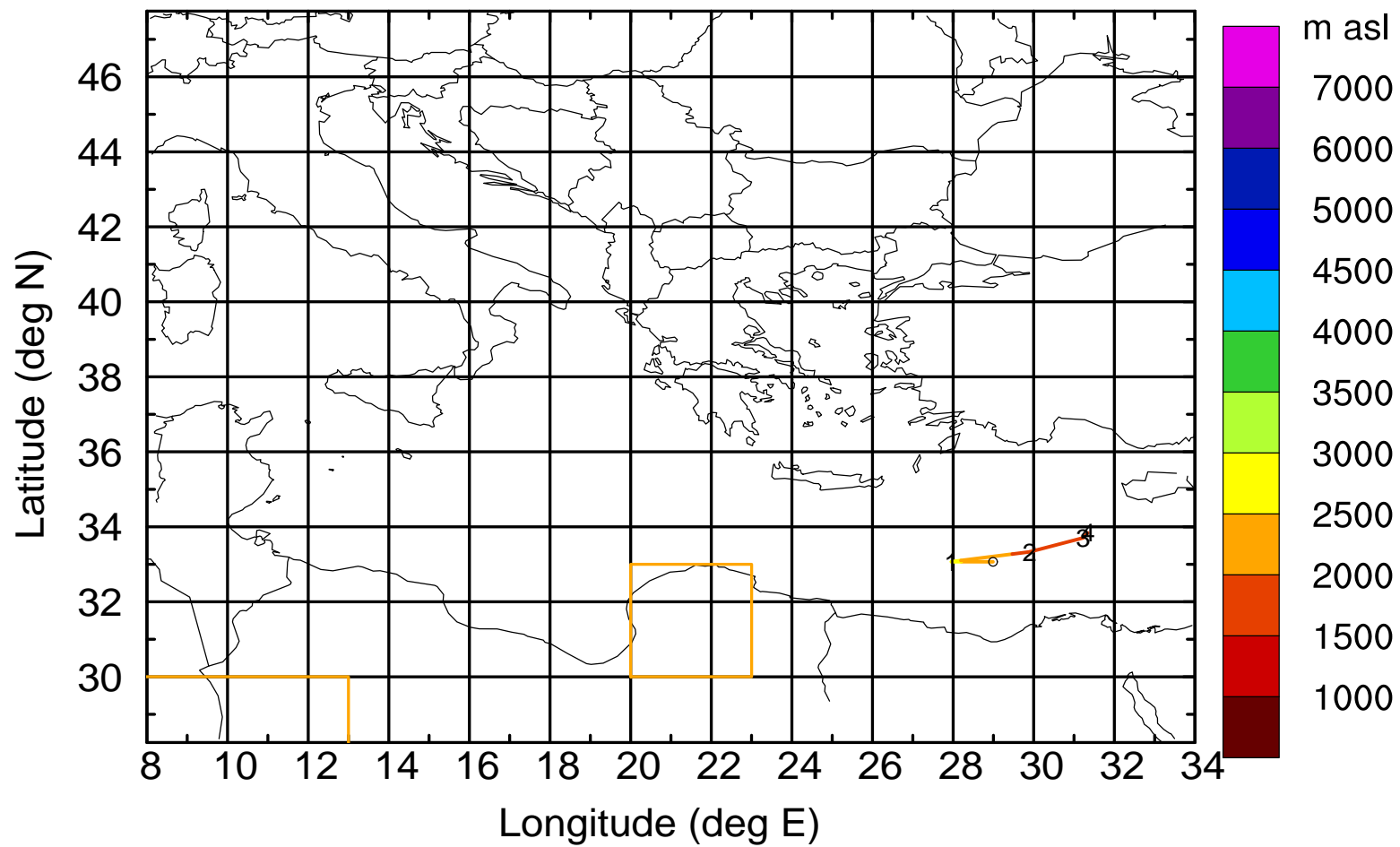
STS ground station 20170417

BWD 20170417/21 -29H = 16/16 UTC



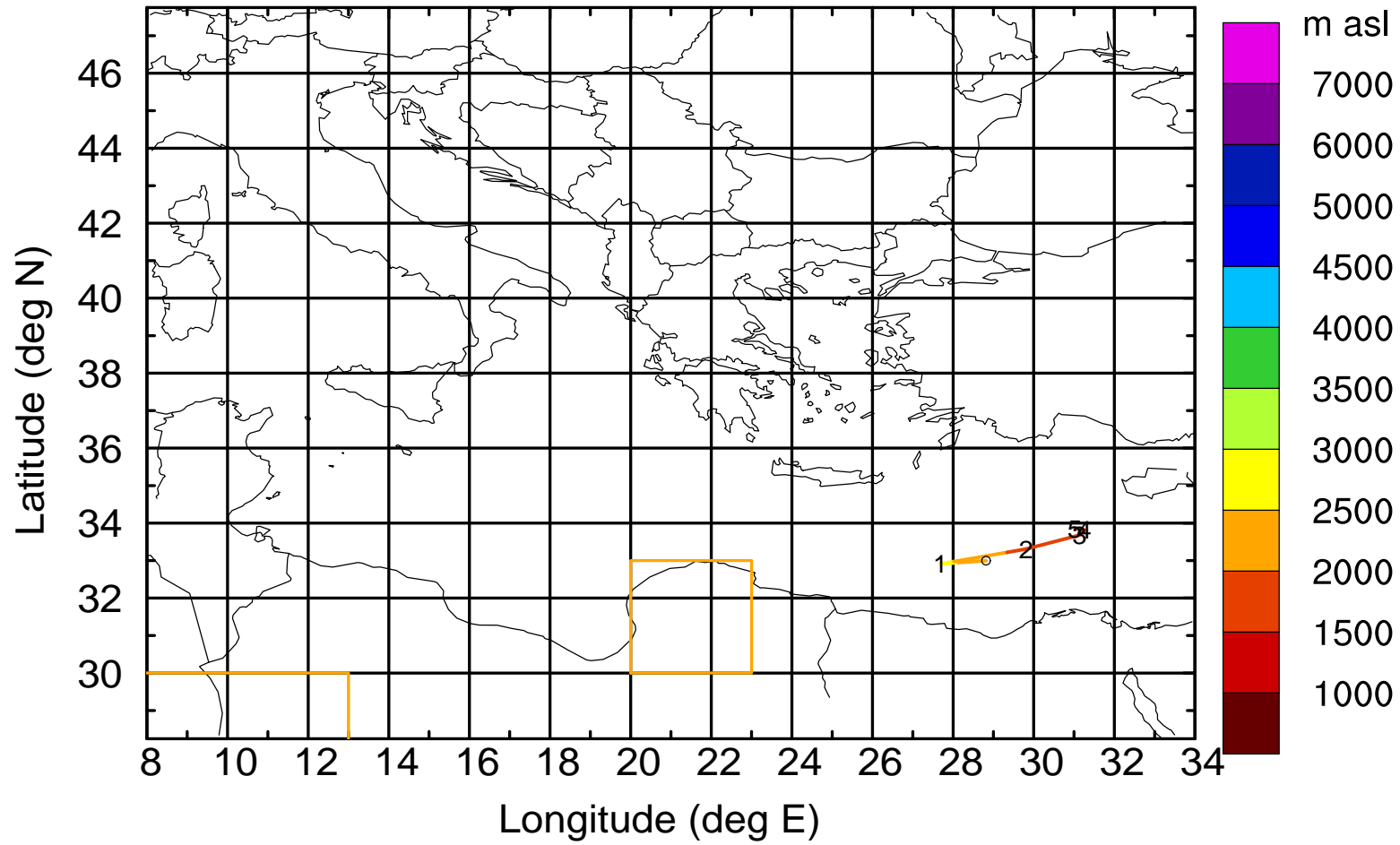
STS ground station 20170417

BWD 20170417/21 -30H = 16/15 UTC



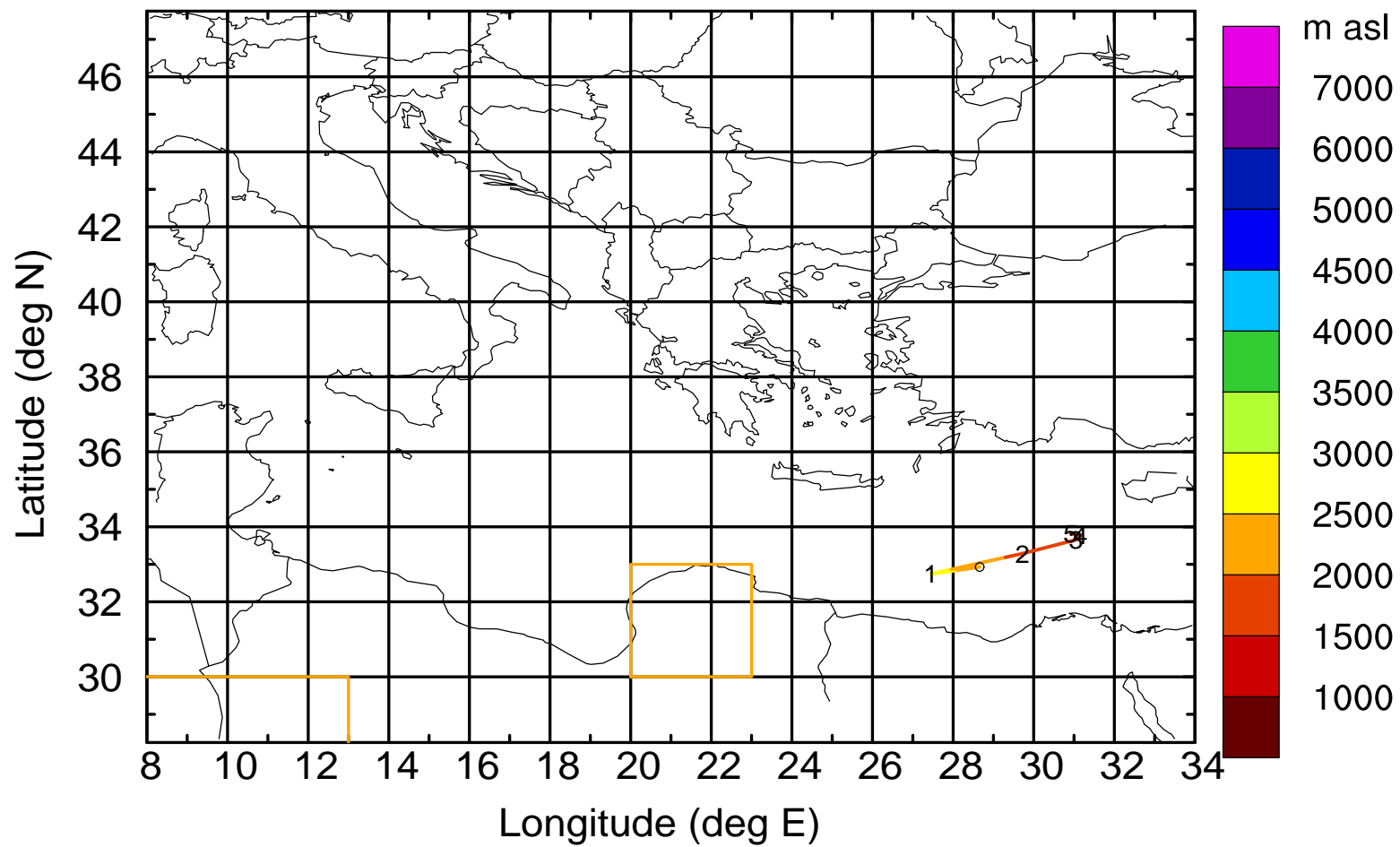
STS ground station 20170417

BWD 20170417/21 -31H = 16/14 UTC



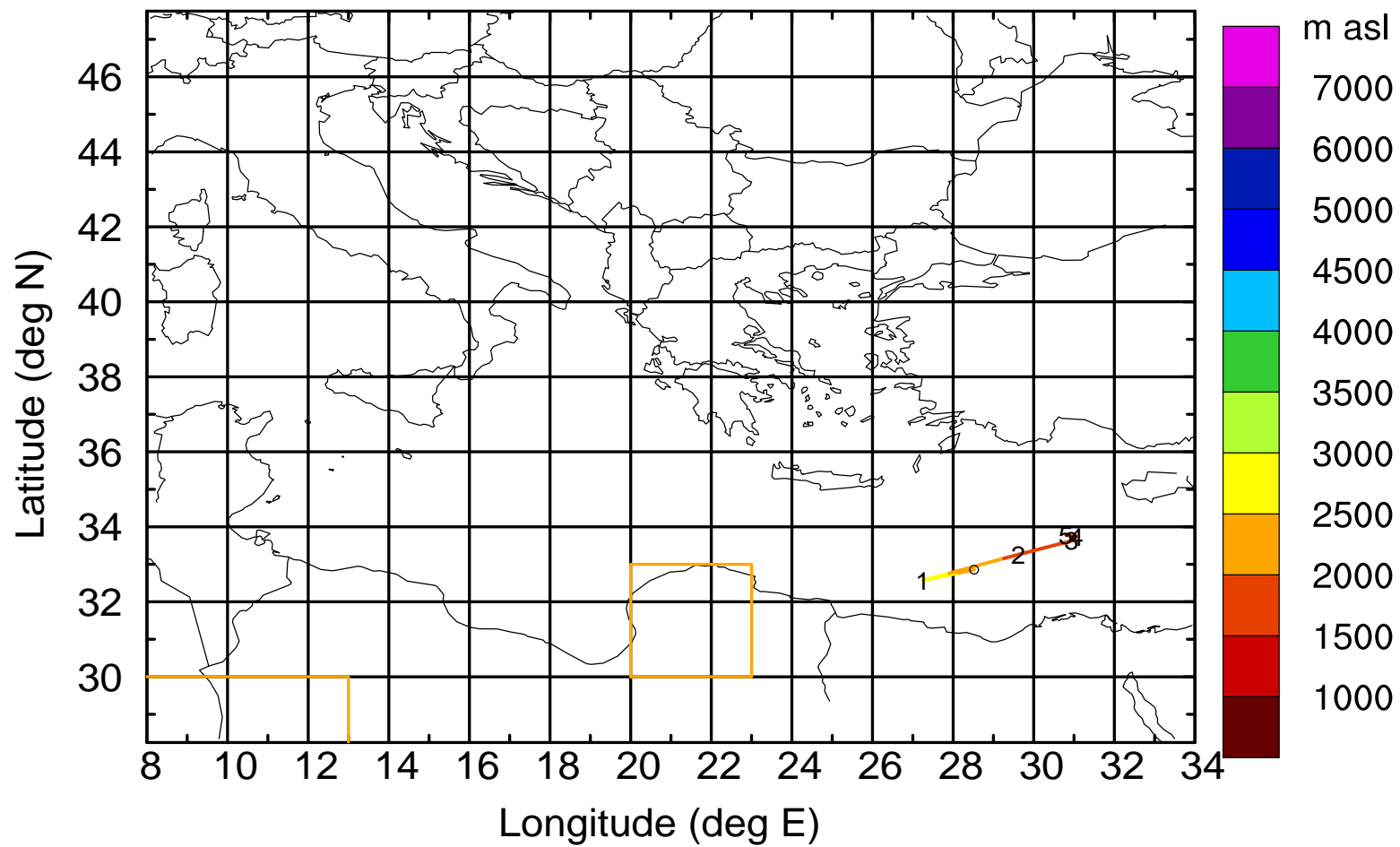
STS ground station 20170417

BWD 20170417/21 -32H = 16/13 UTC



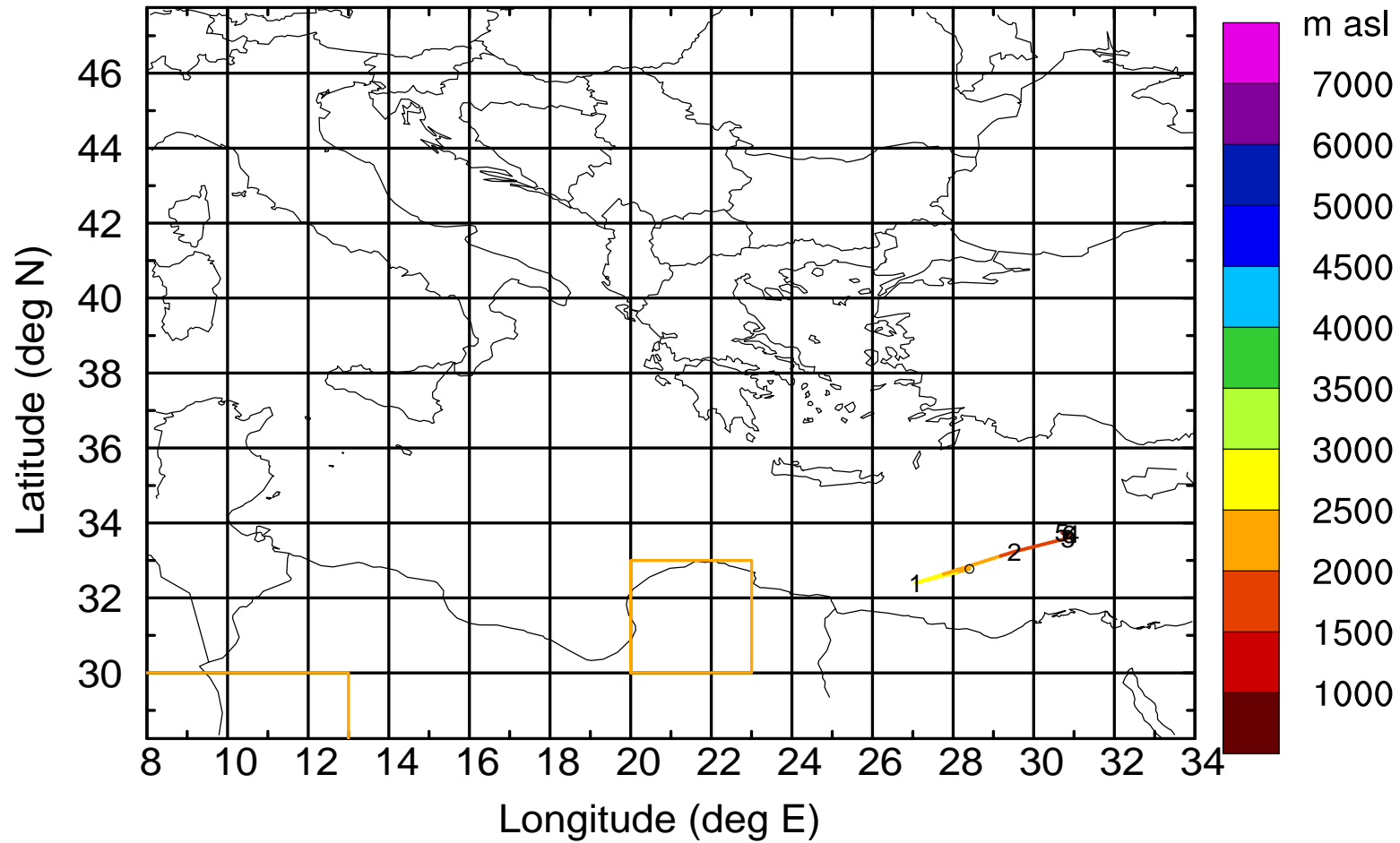
STS ground station 20170417

BWD 20170417/21 -33H = 16/12 UTC



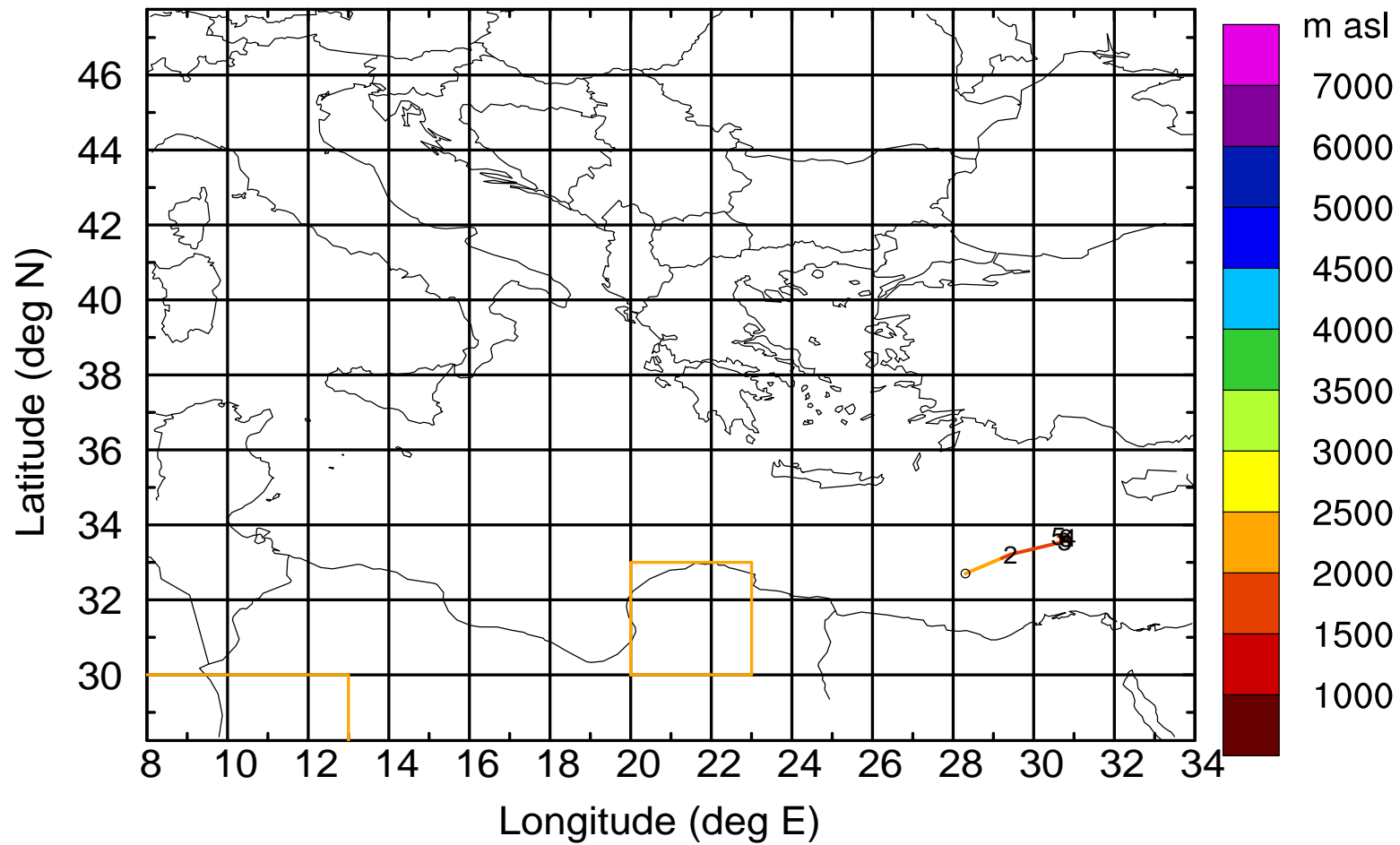
STS ground station 20170417

BWD 20170417/21 -34H = 16/11 UTC



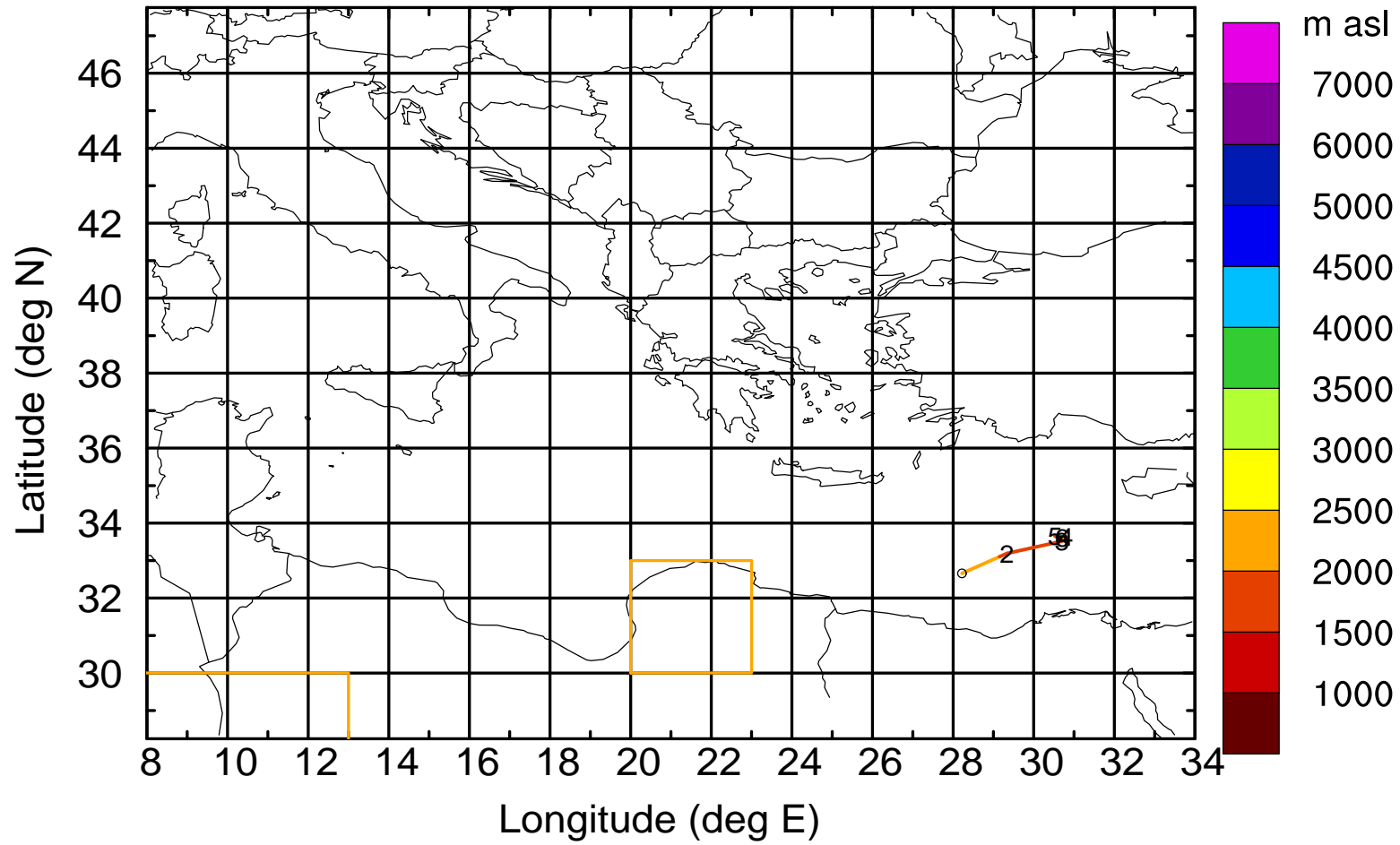
STS ground station 20170417

BWD 20170417/21 -35H = 16/10 UTC



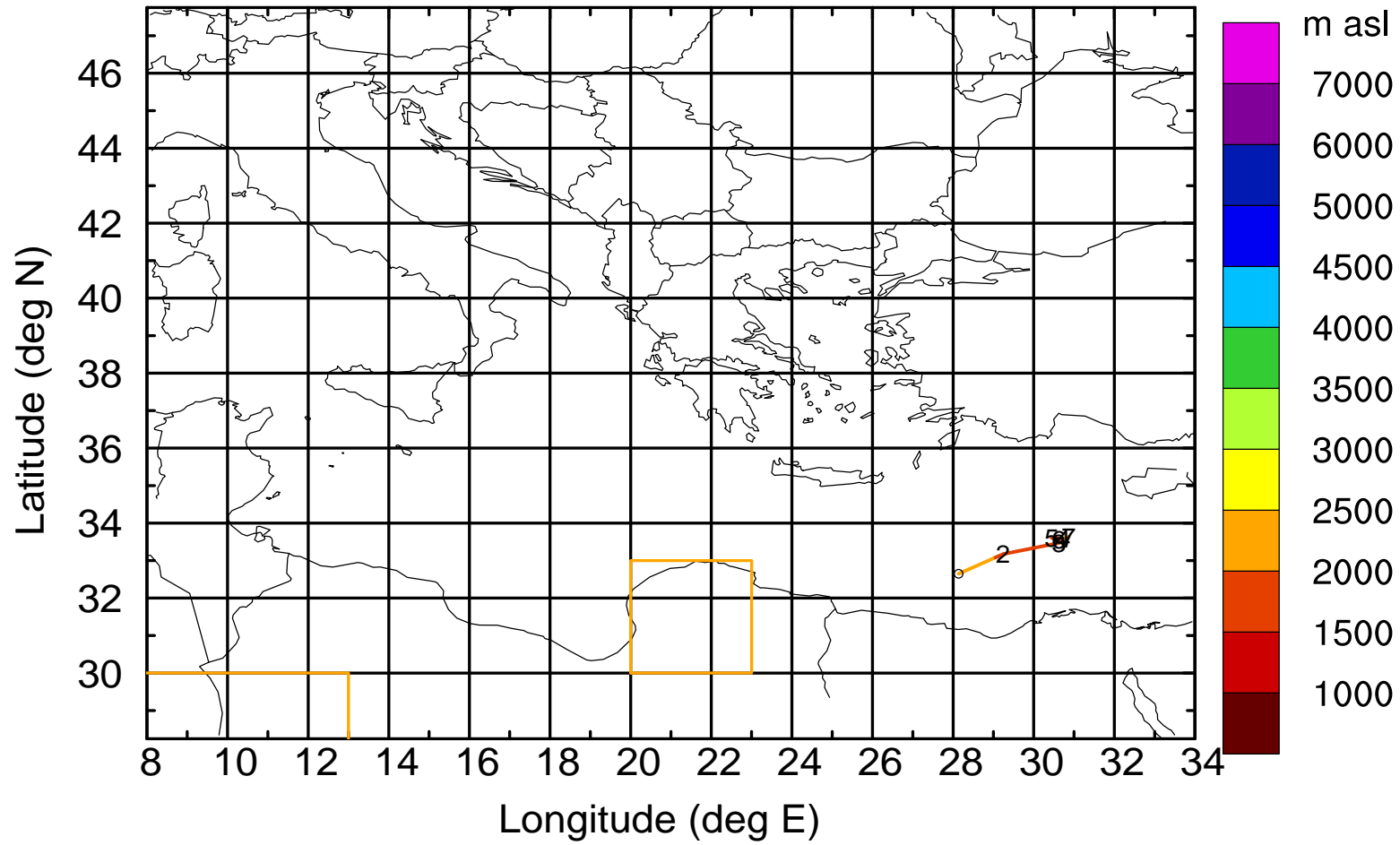
STS ground station 20170417

BWD 20170417/21 -36H = 16/09 UTC



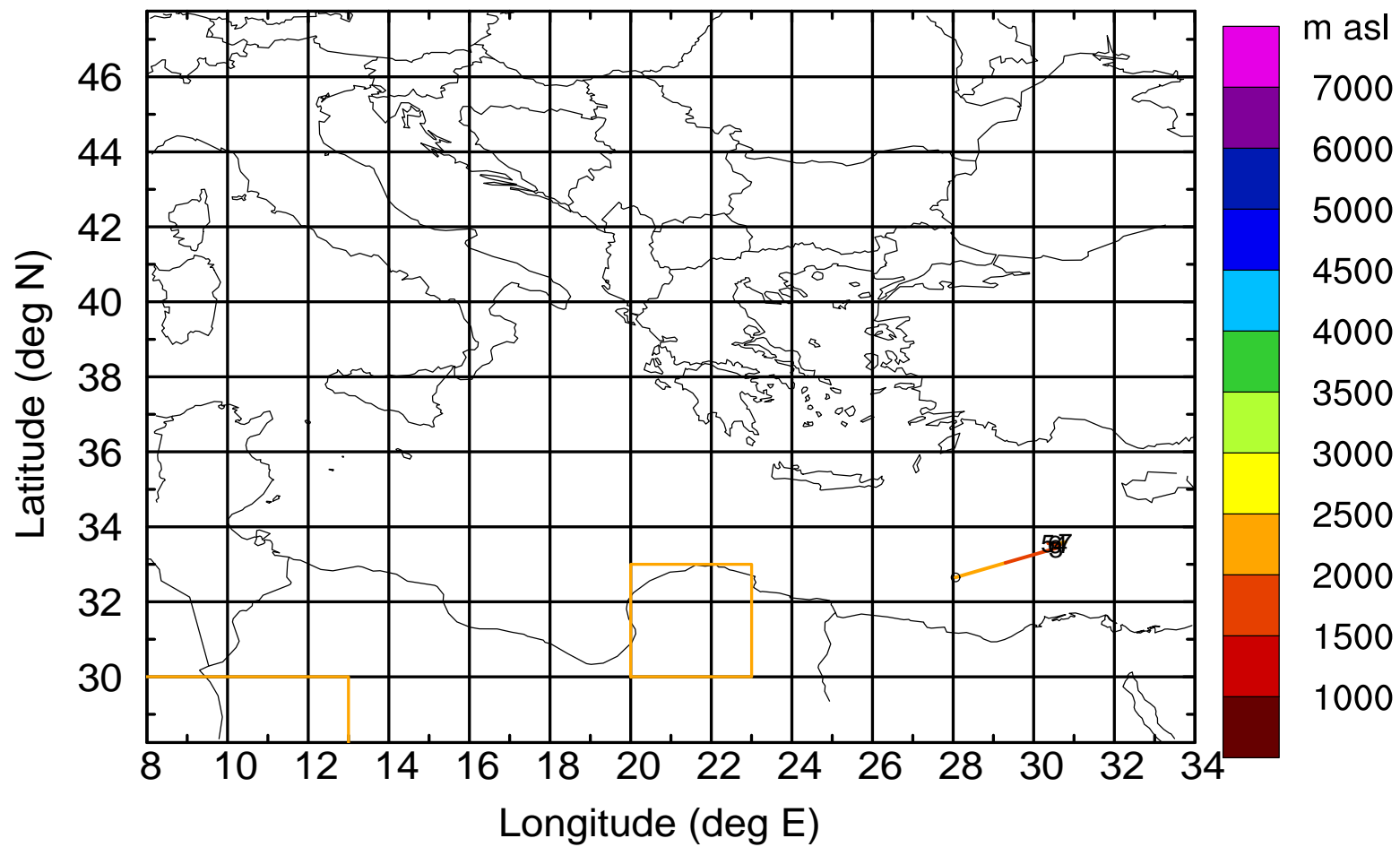
STS ground station 20170417

BWD 20170417/21 -37H = 16/08 UTC



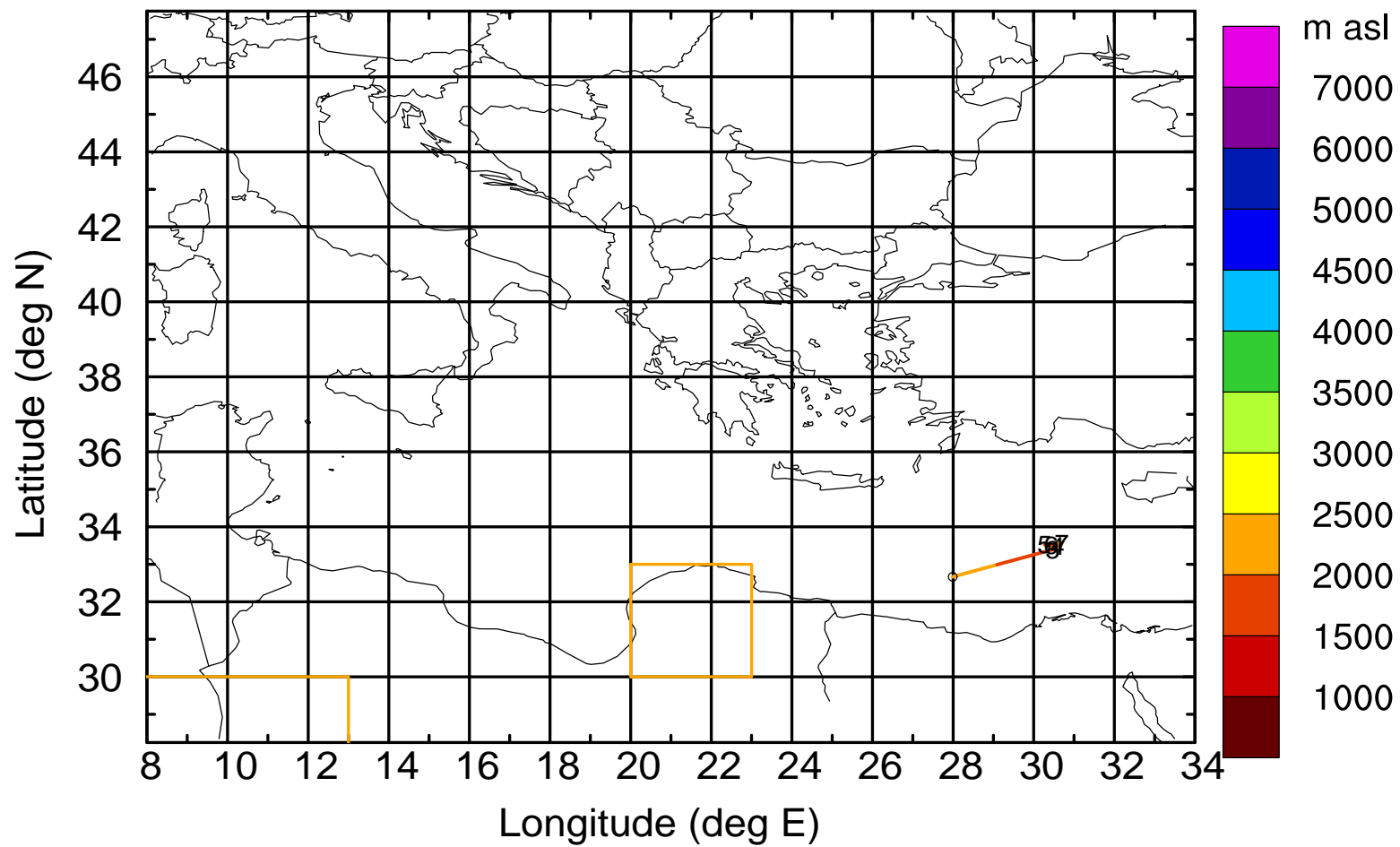
STS ground station 20170417

BWD 20170417/21 -38H = 16/07 UTC



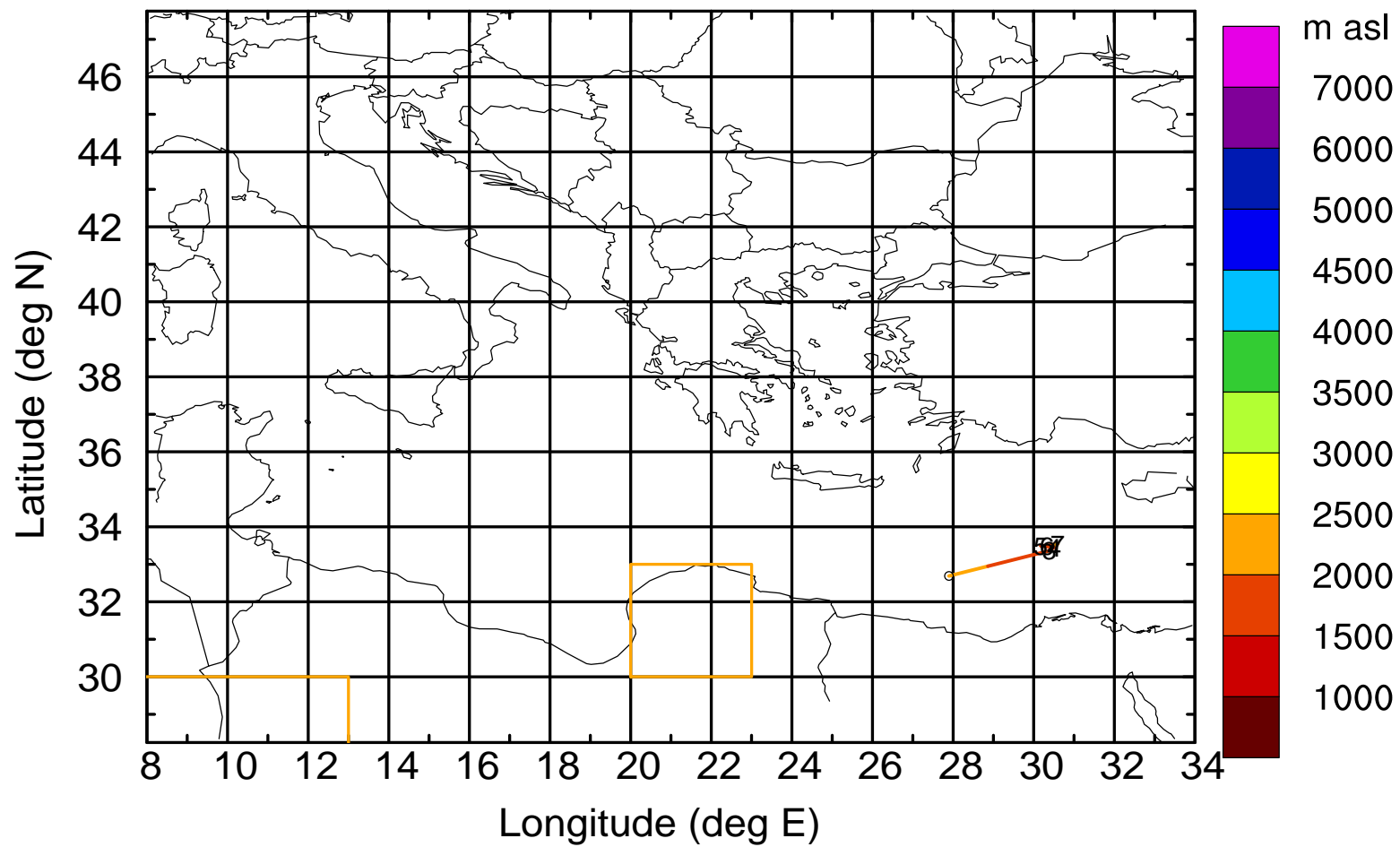
STS ground station 20170417

BWD 20170417/21 -39H = 16/06 UTC



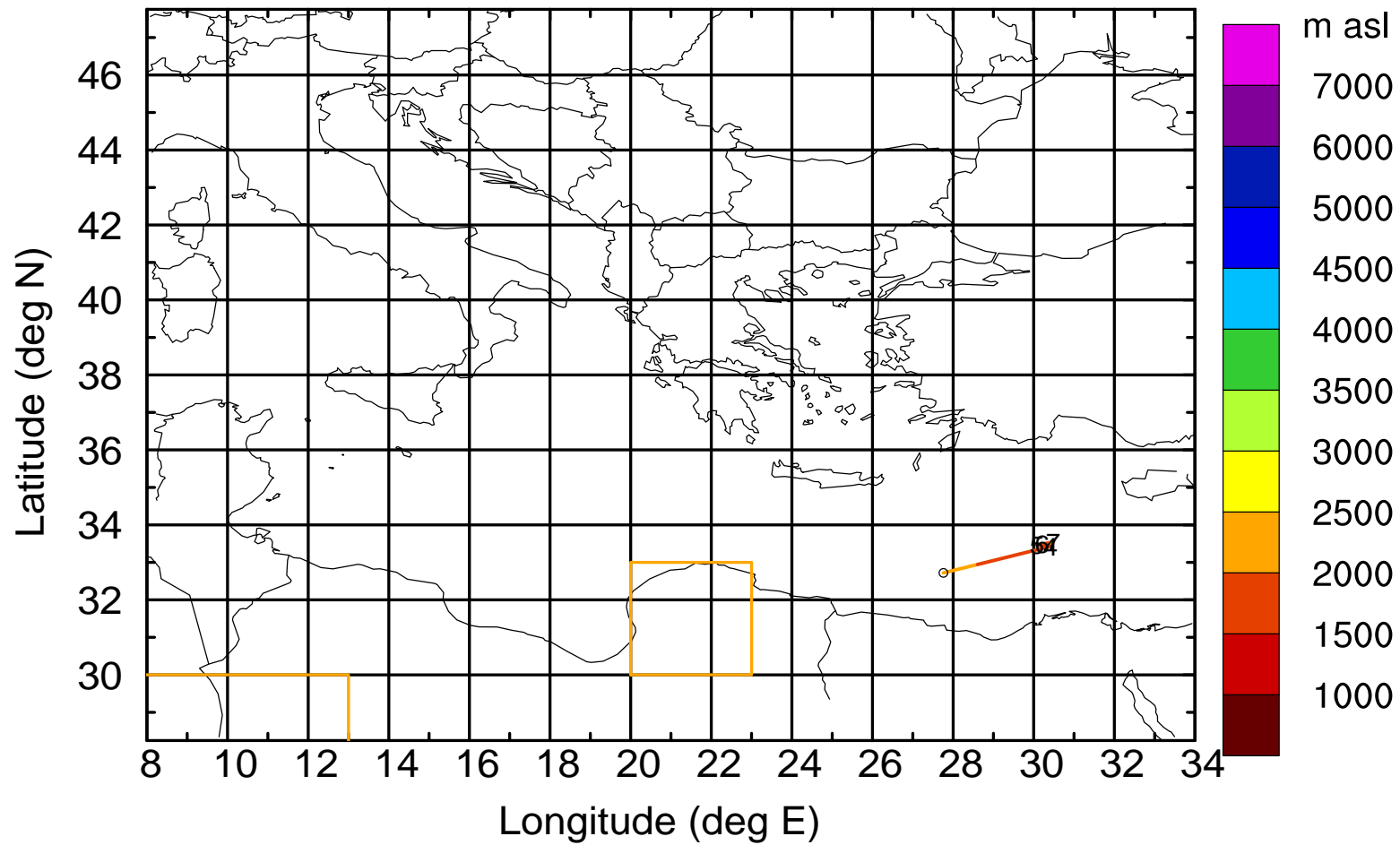
STS ground station 20170417

BWD 20170417/21 -40H = 16/05 UTC



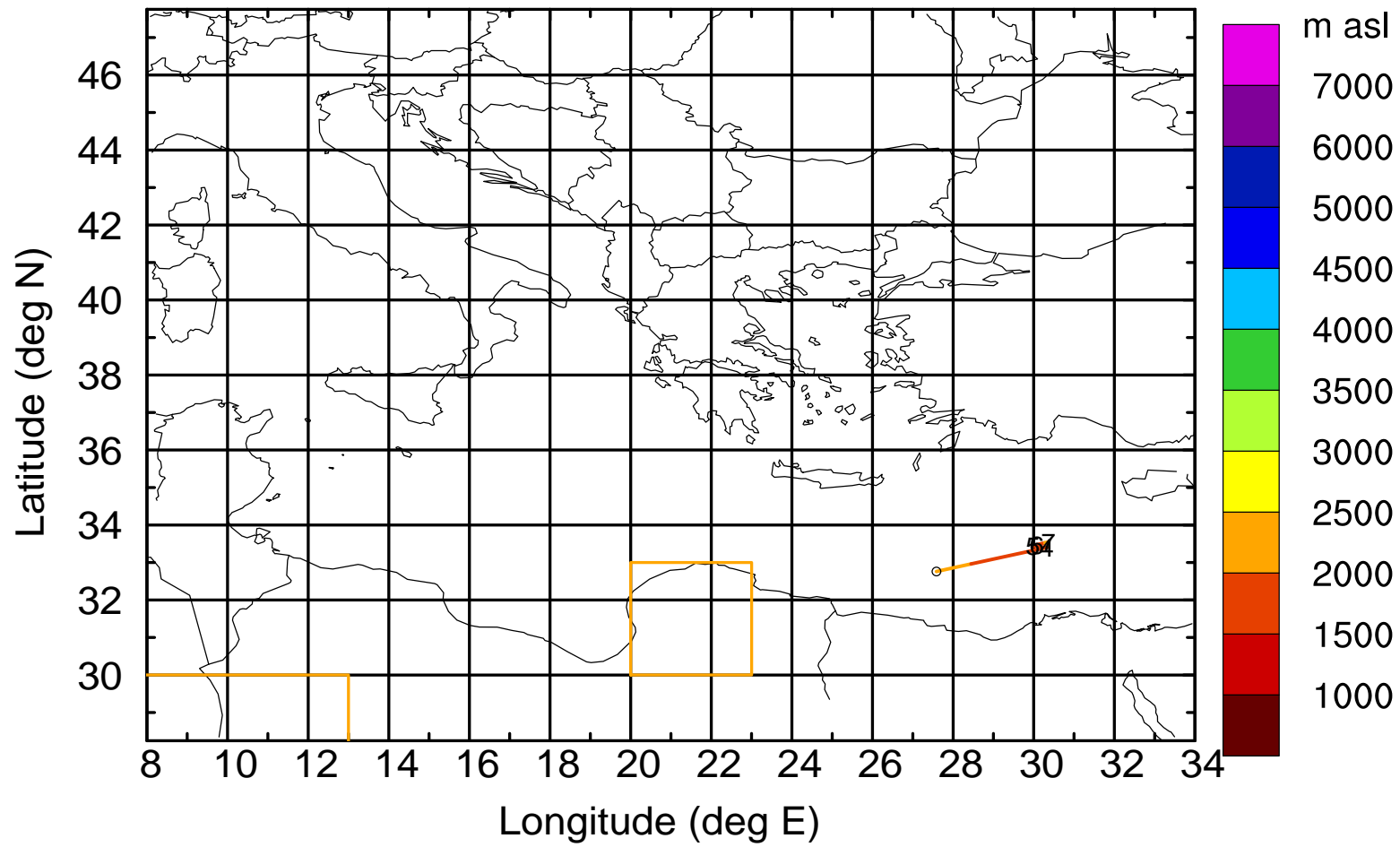
STS ground station 20170417

BWD 20170417/21 -41H = 16/04 UTC



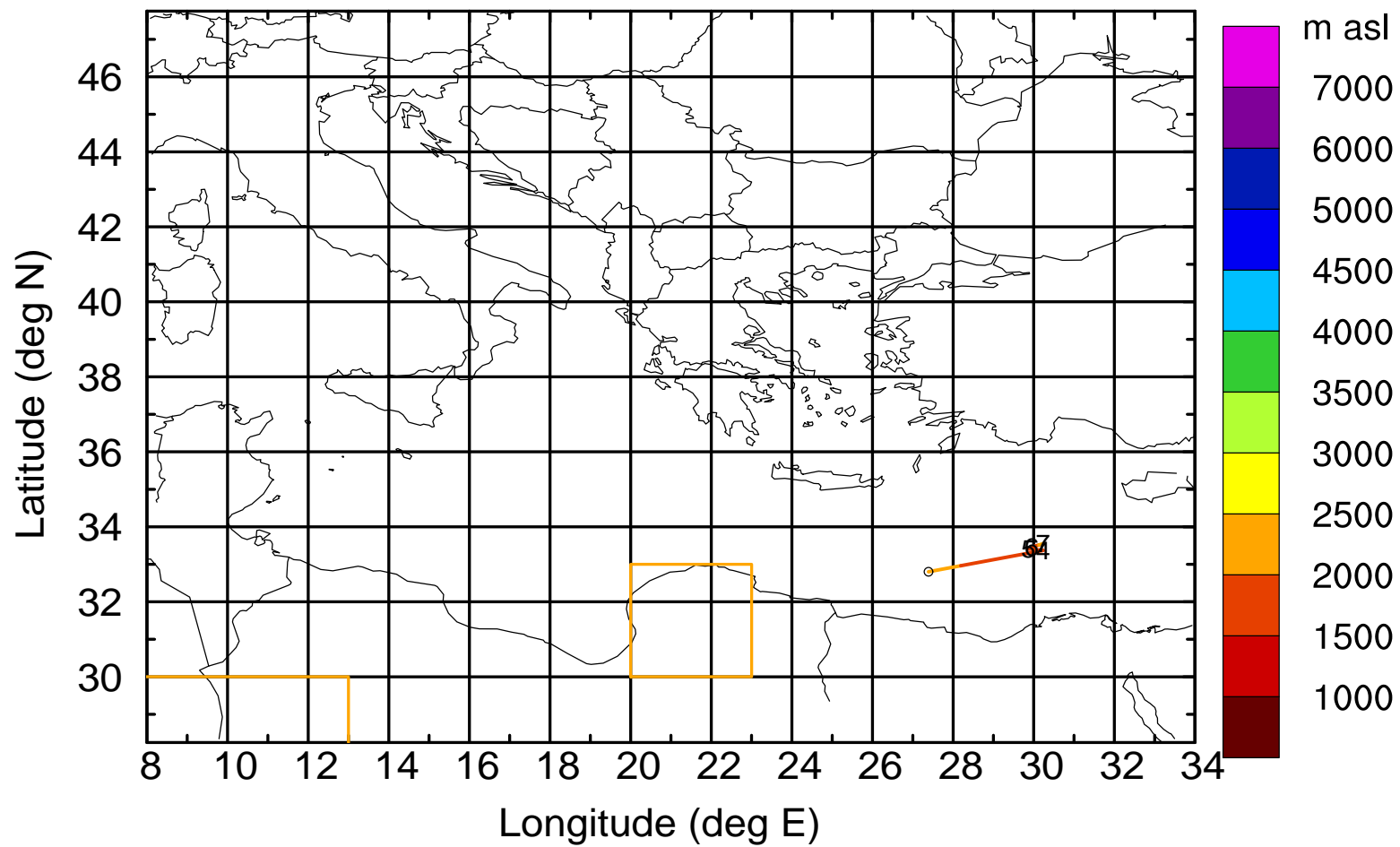
STS ground station 20170417

BWD 20170417/21 -42H = 16/03 UTC



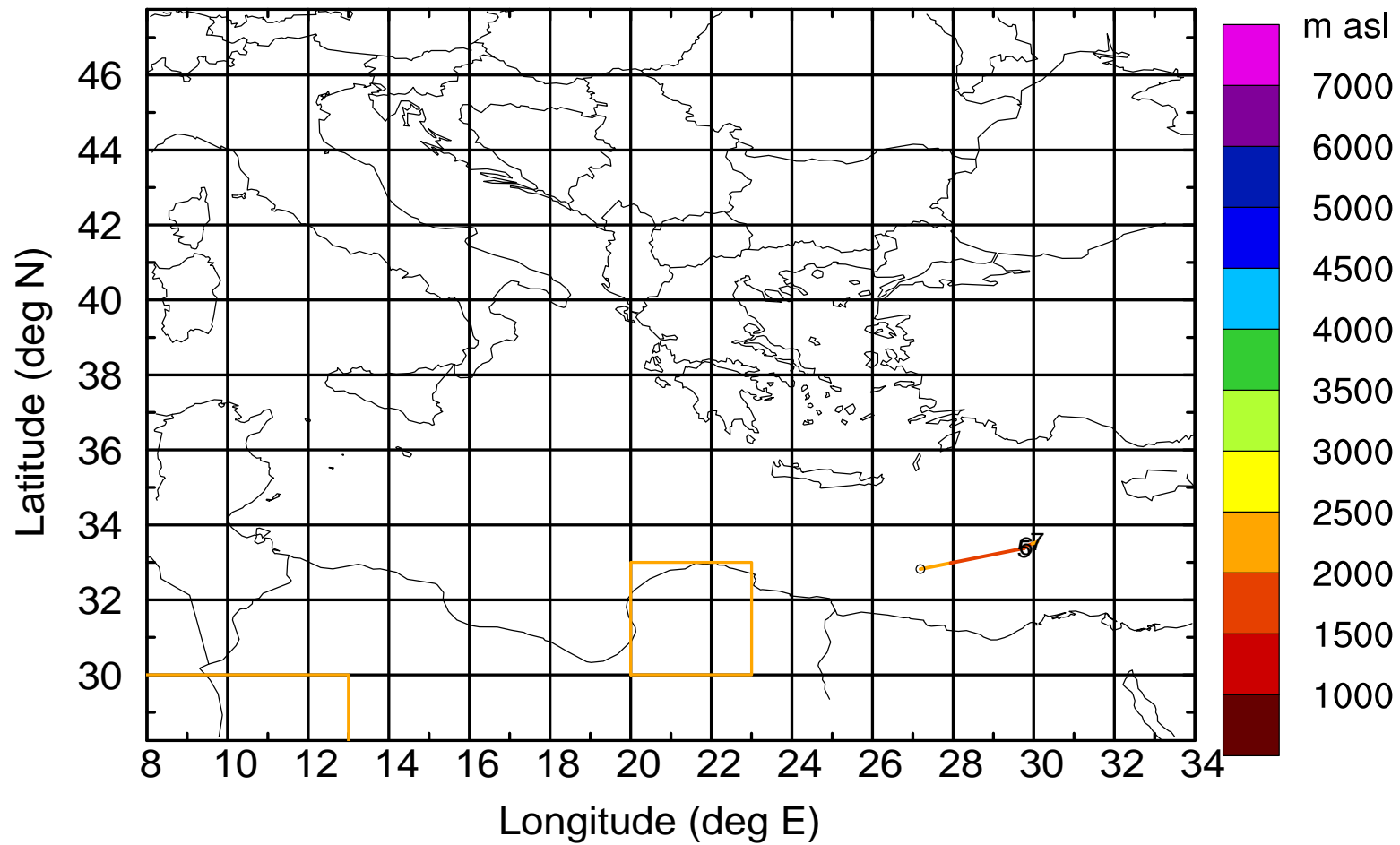
STS ground station 20170417

BWD 20170417/21 -43H = 16/02 UTC



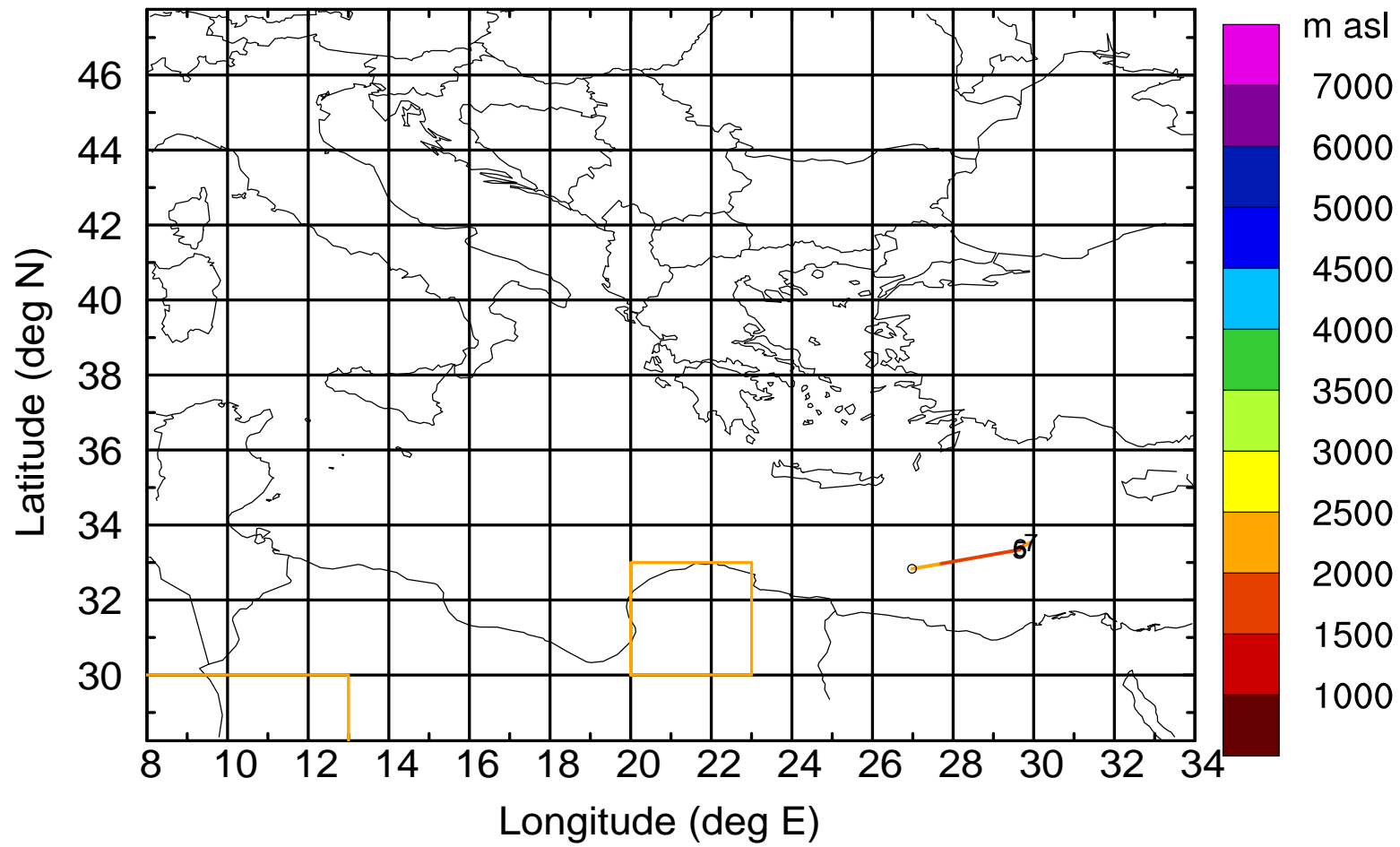
STS ground station 20170417

BWD 20170417/21 -44H = 16/01 UTC



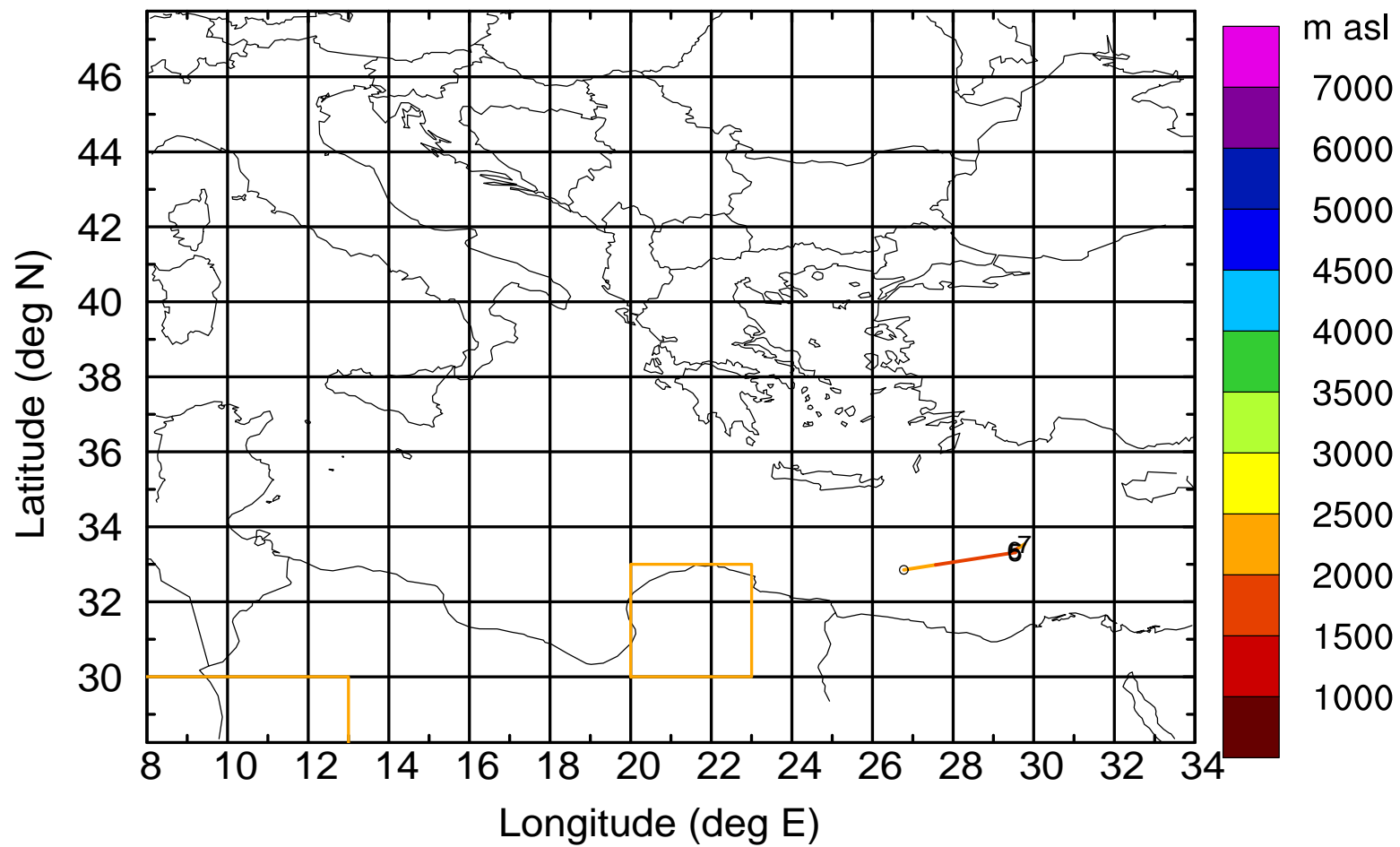
STS ground station 20170417

BWD 20170417/21 -45H = 16/00 UTC



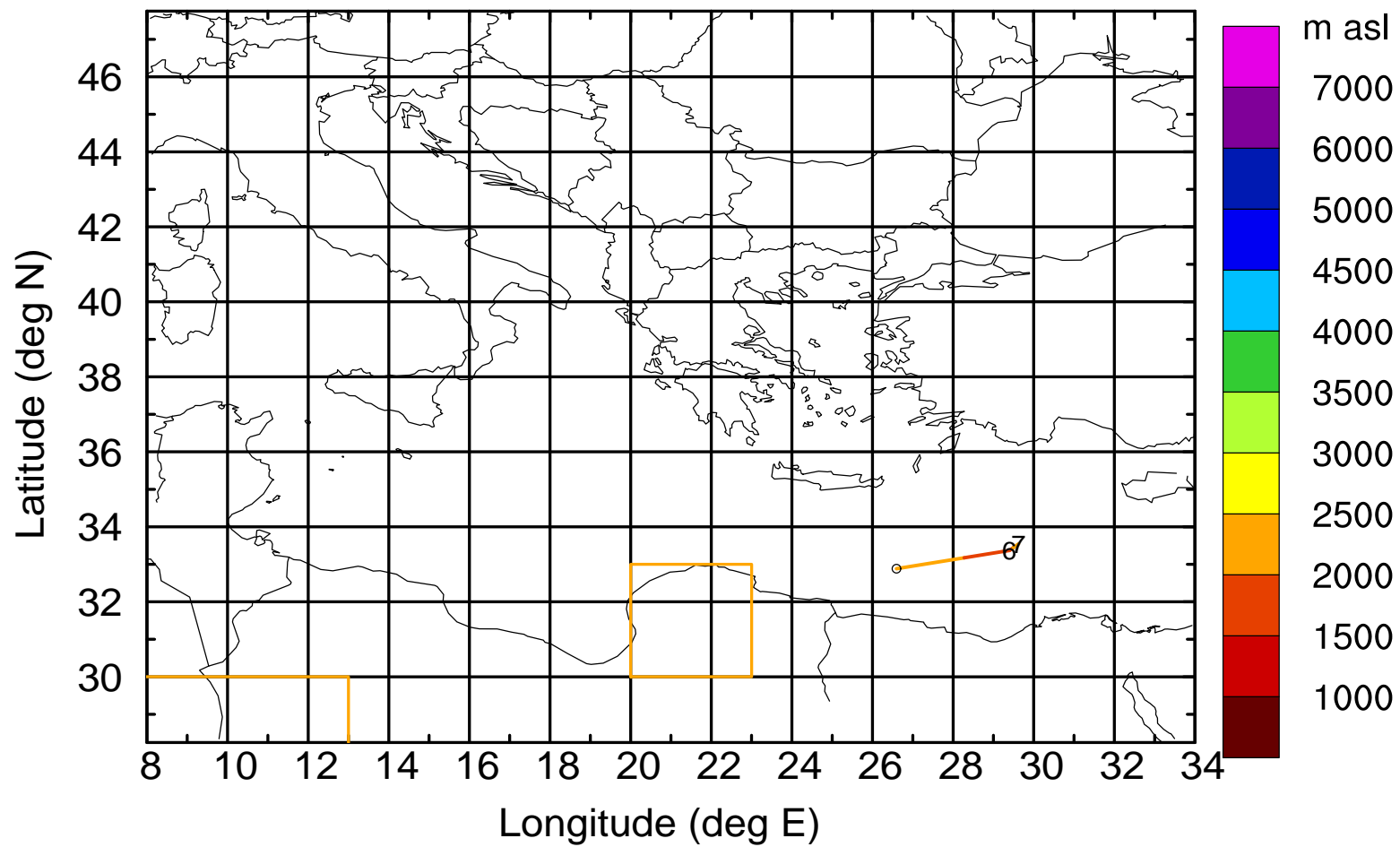
STS ground station 20170417

BWD 20170417/21 -46H = 15/23 UTC



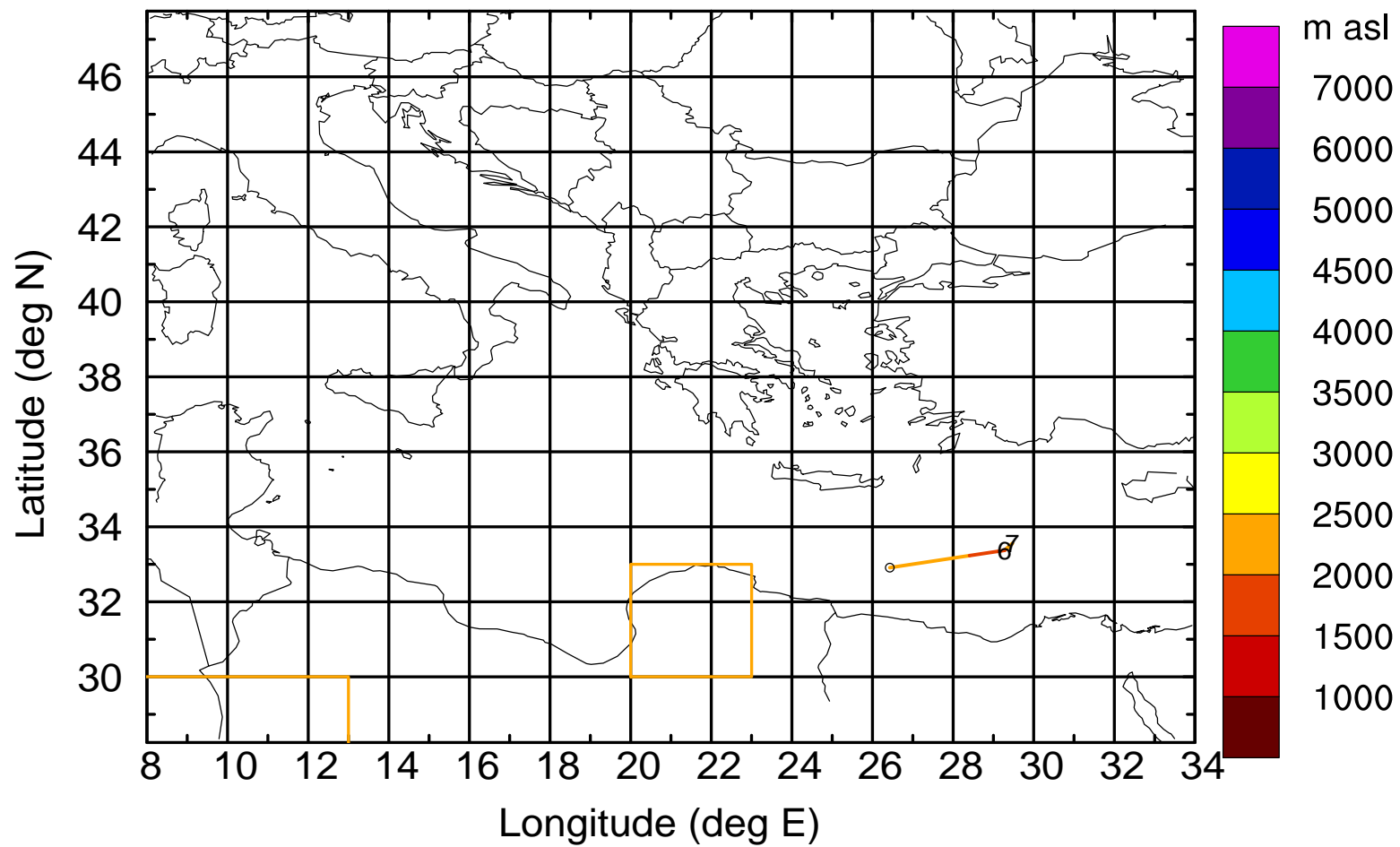
STS ground station 20170417

BWD 20170417/21 -47H = 15/22 UTC



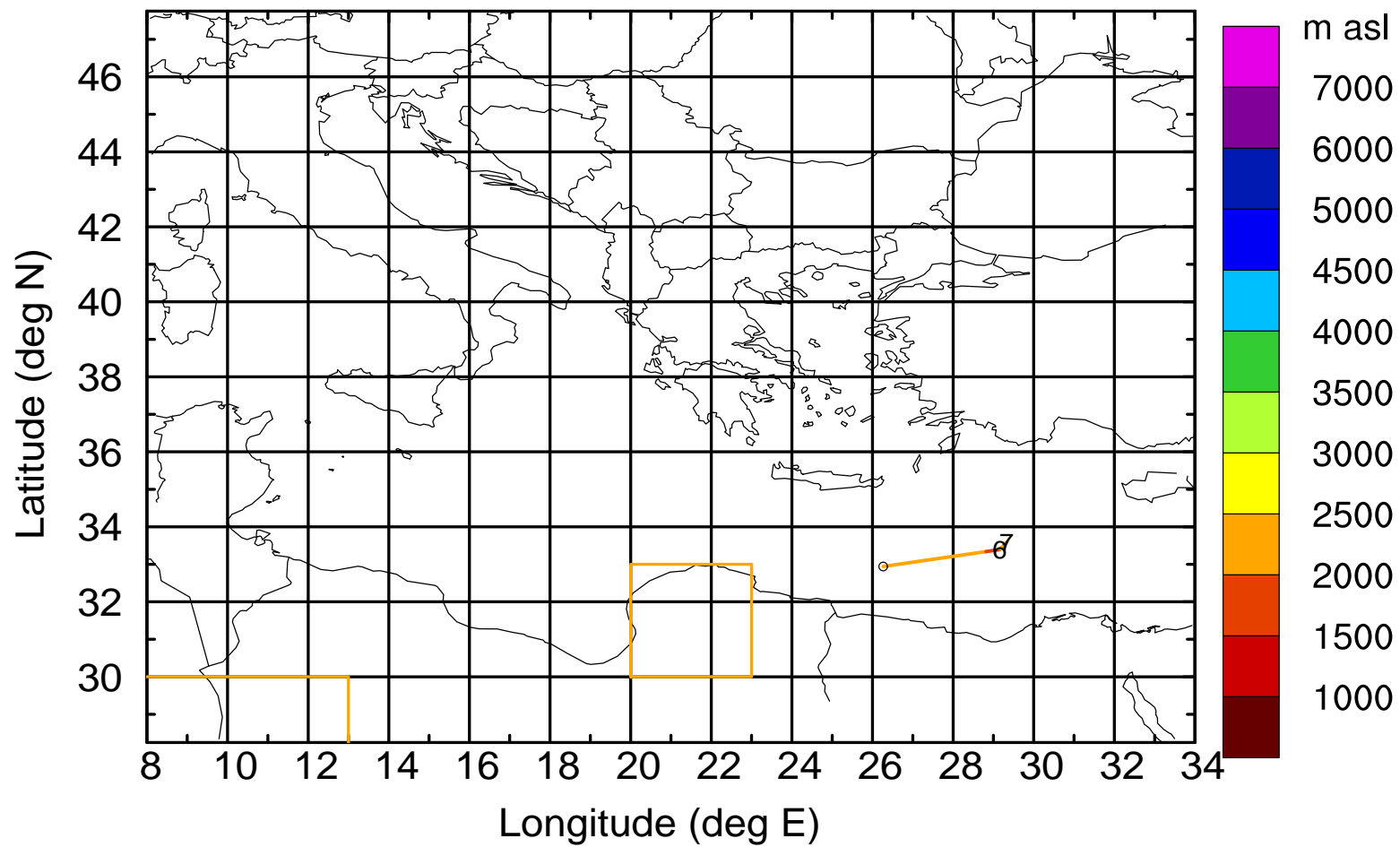
STS ground station 20170417

BWD 20170417/21 -48H = 15/21 UTC



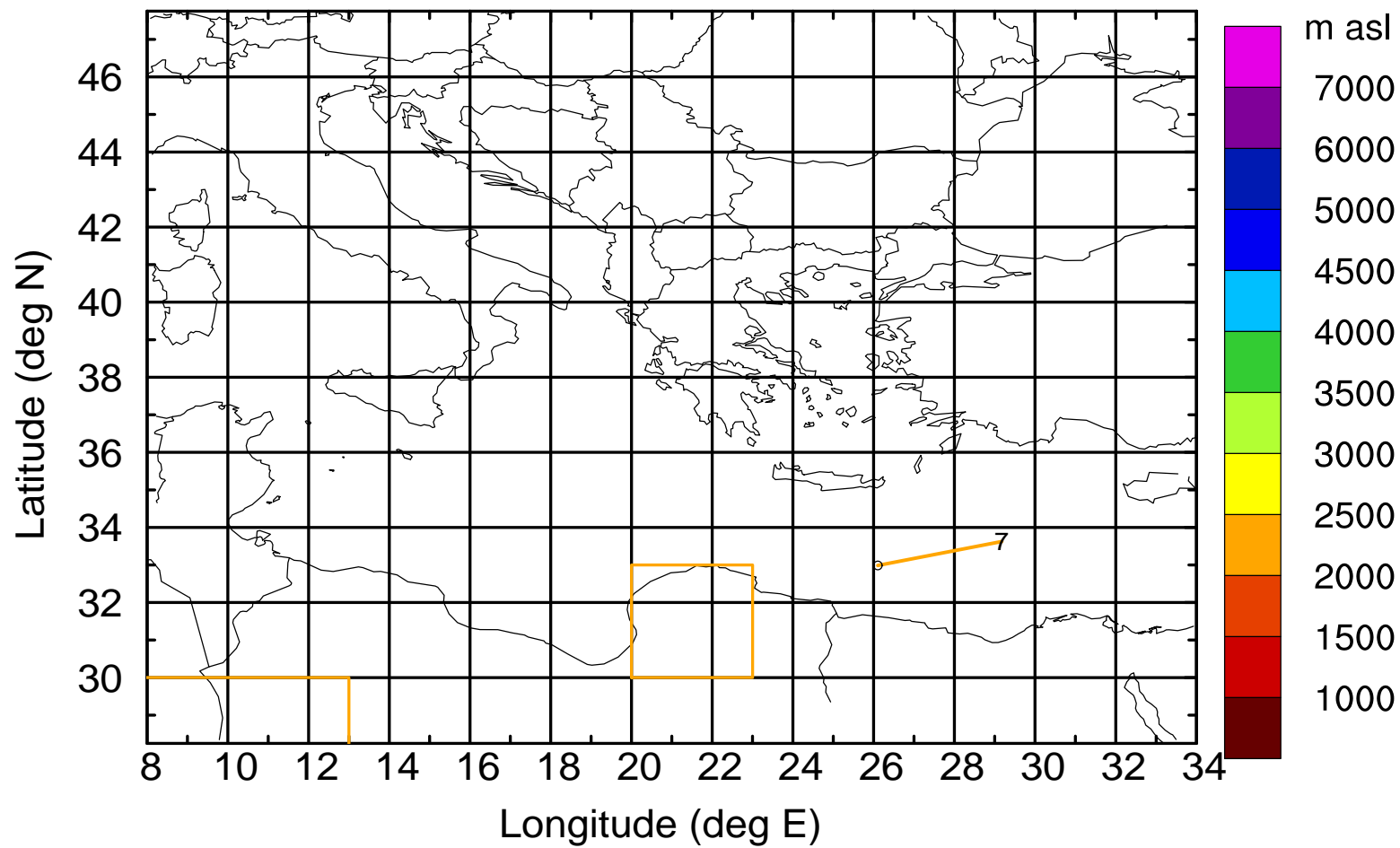
STS ground station 20170417

BWD 20170417/21 -49H = 15/20 UTC



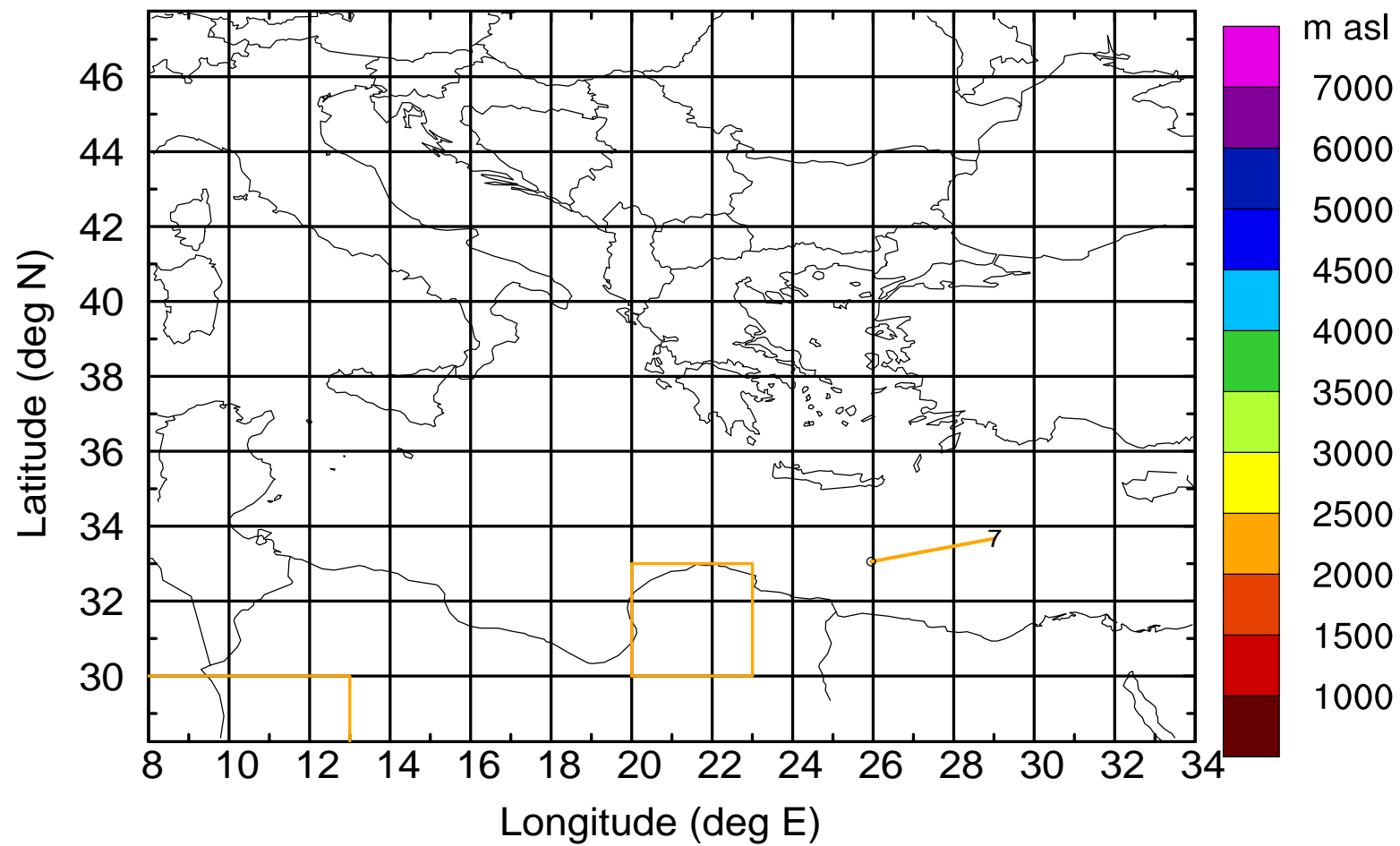
STS ground station 20170417

BWD 20170417/21 -50H = 15/19 UTC



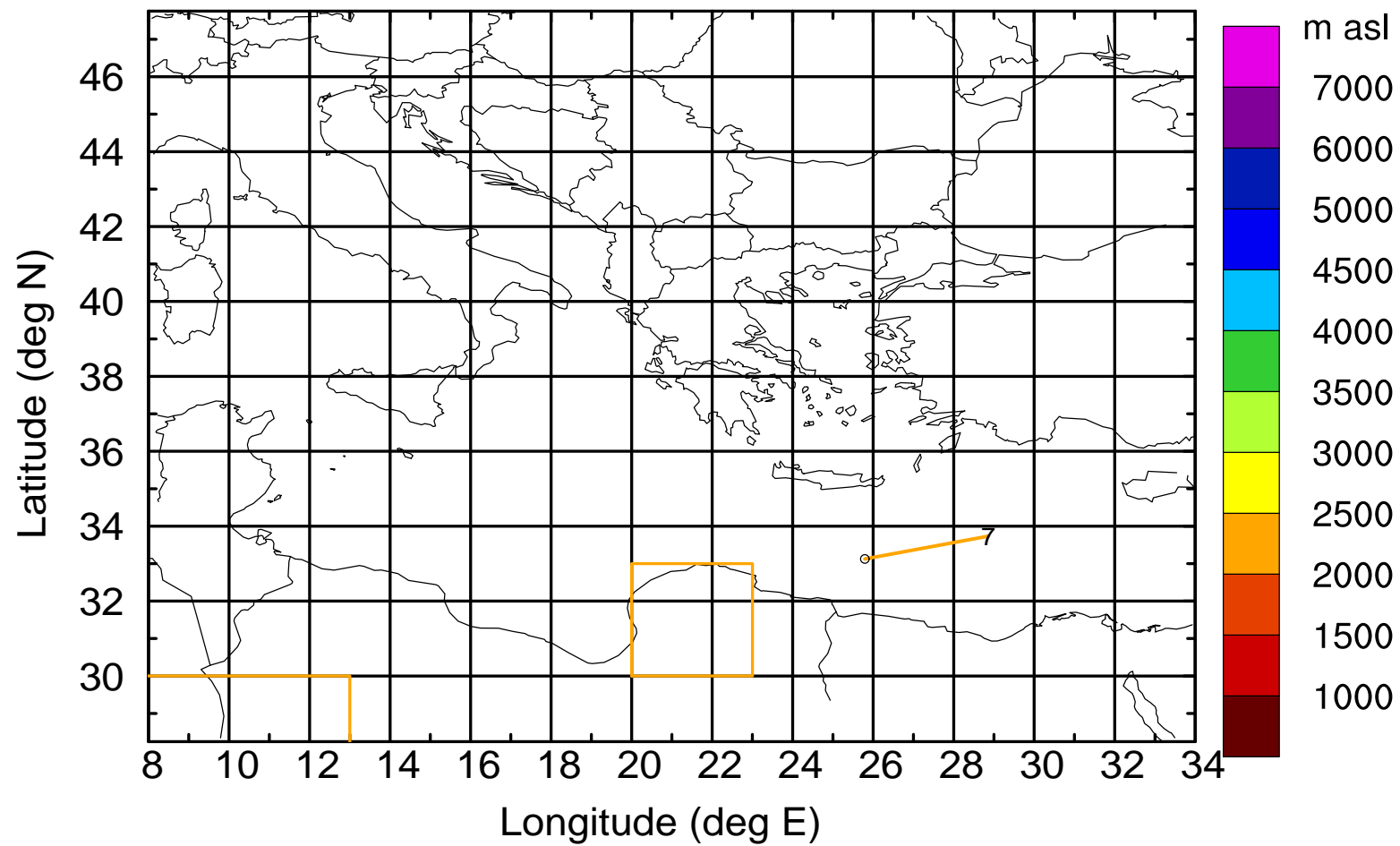
STS ground station 20170417

BWD 20170417/21 -51H = 15/18 UTC



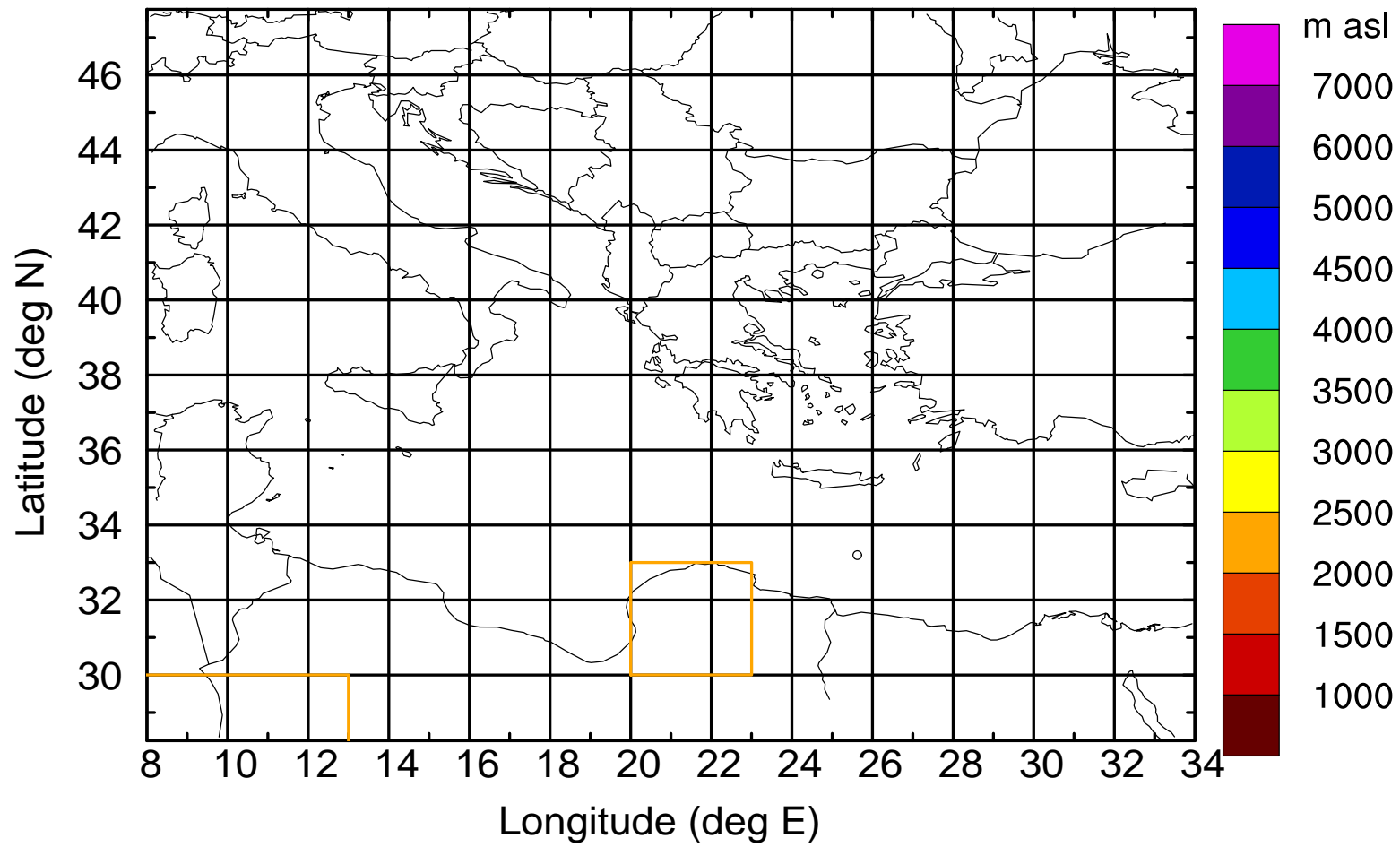
STS ground station 20170417

BWD 20170417/21 -52H = 15/17 UTC



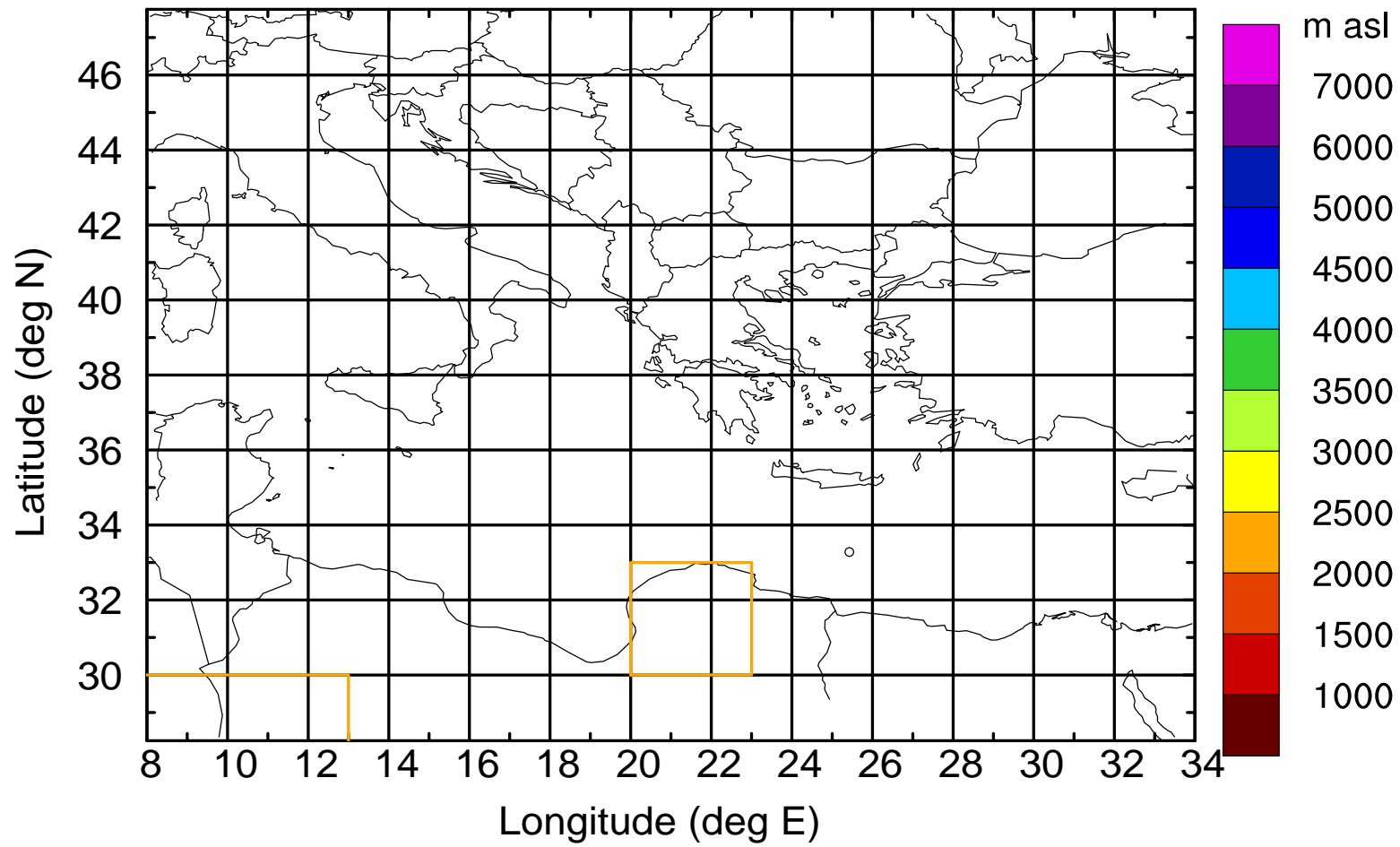
STS ground station 20170417

BWD 20170417/21 -52H = 15/17 UTC



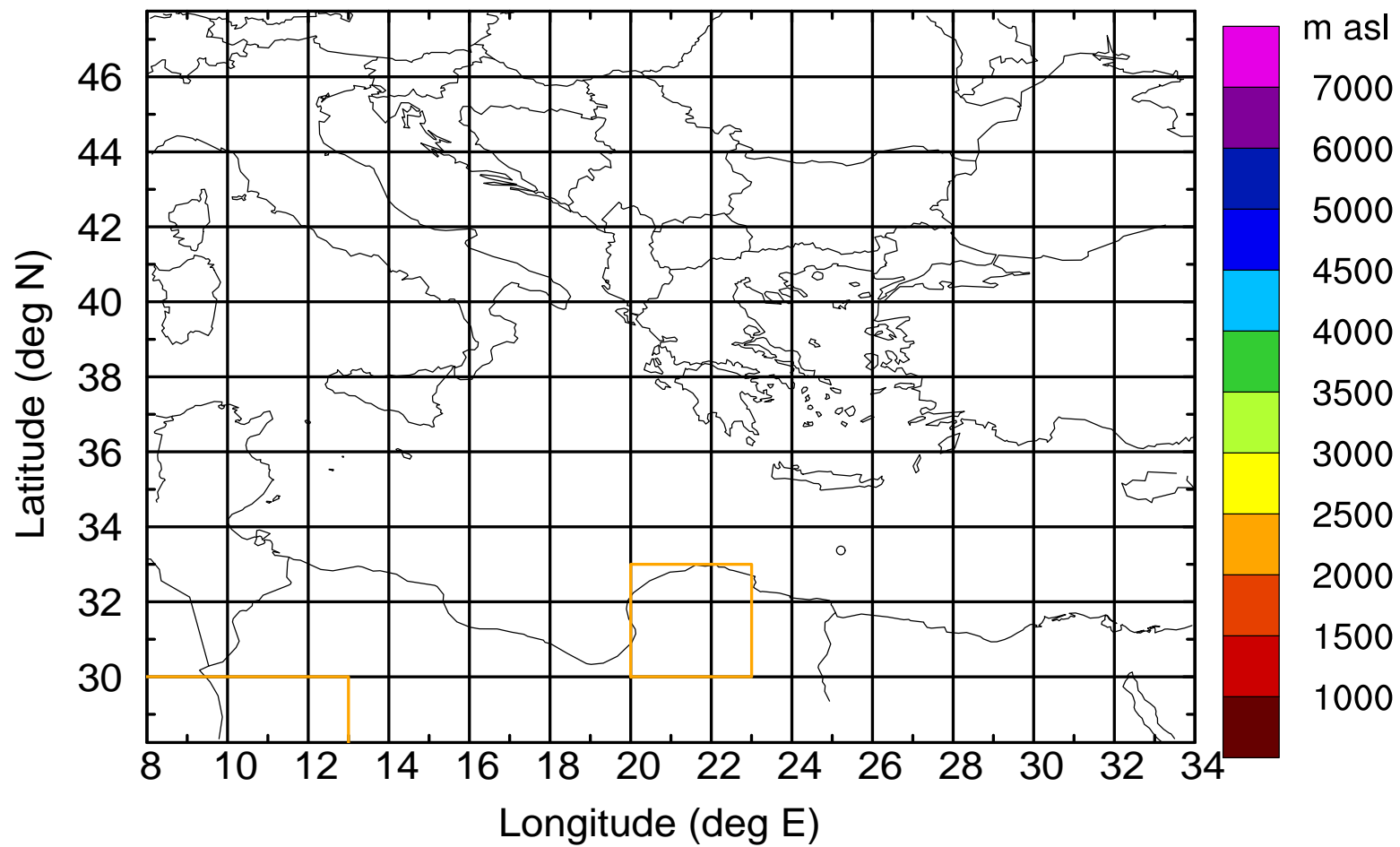
STS ground station 20170417

BWD 20170417/21 -52H = 15/17 UTC



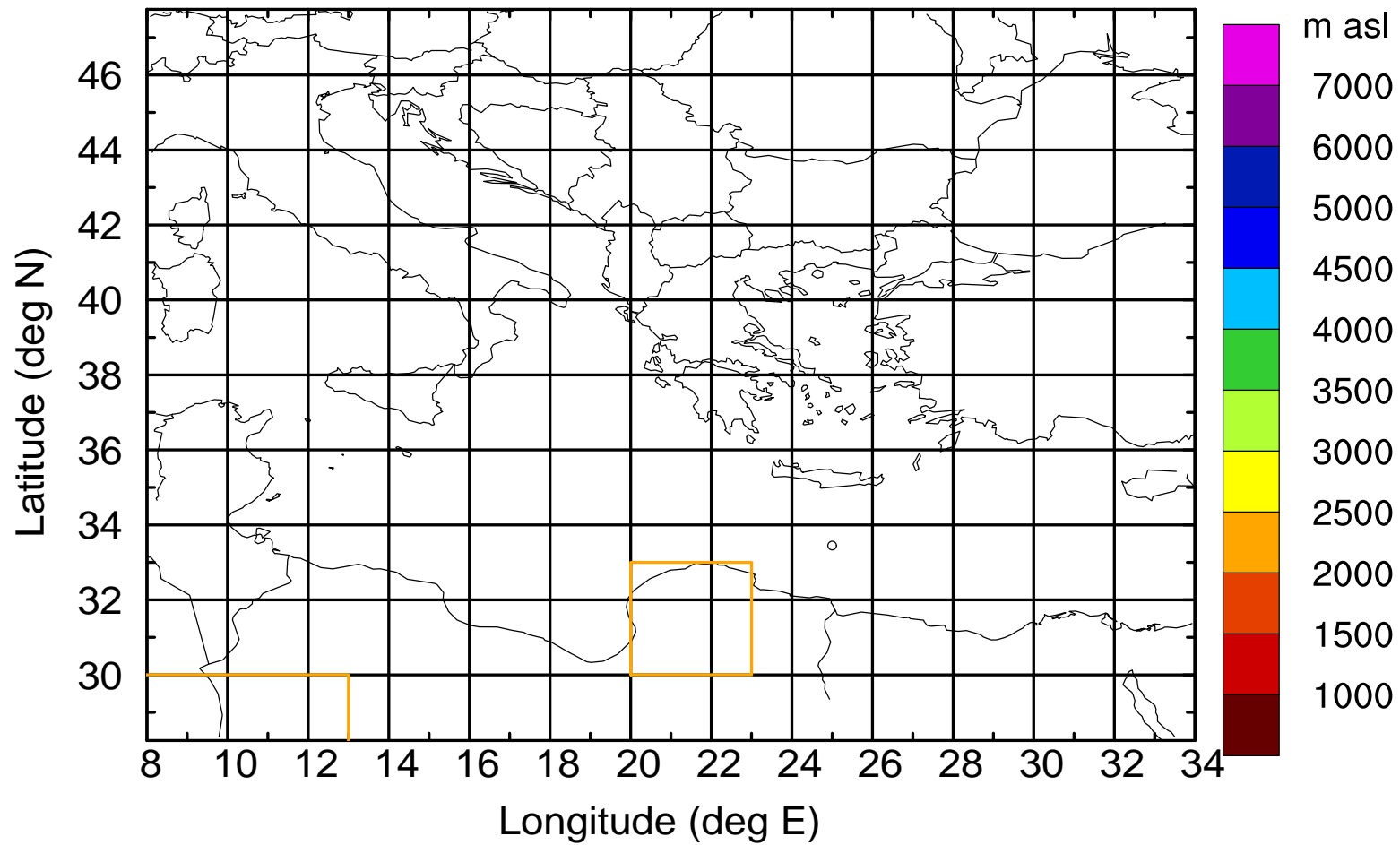
STS ground station 20170417

BWD 20170417/21 -52H = 15/17 UTC



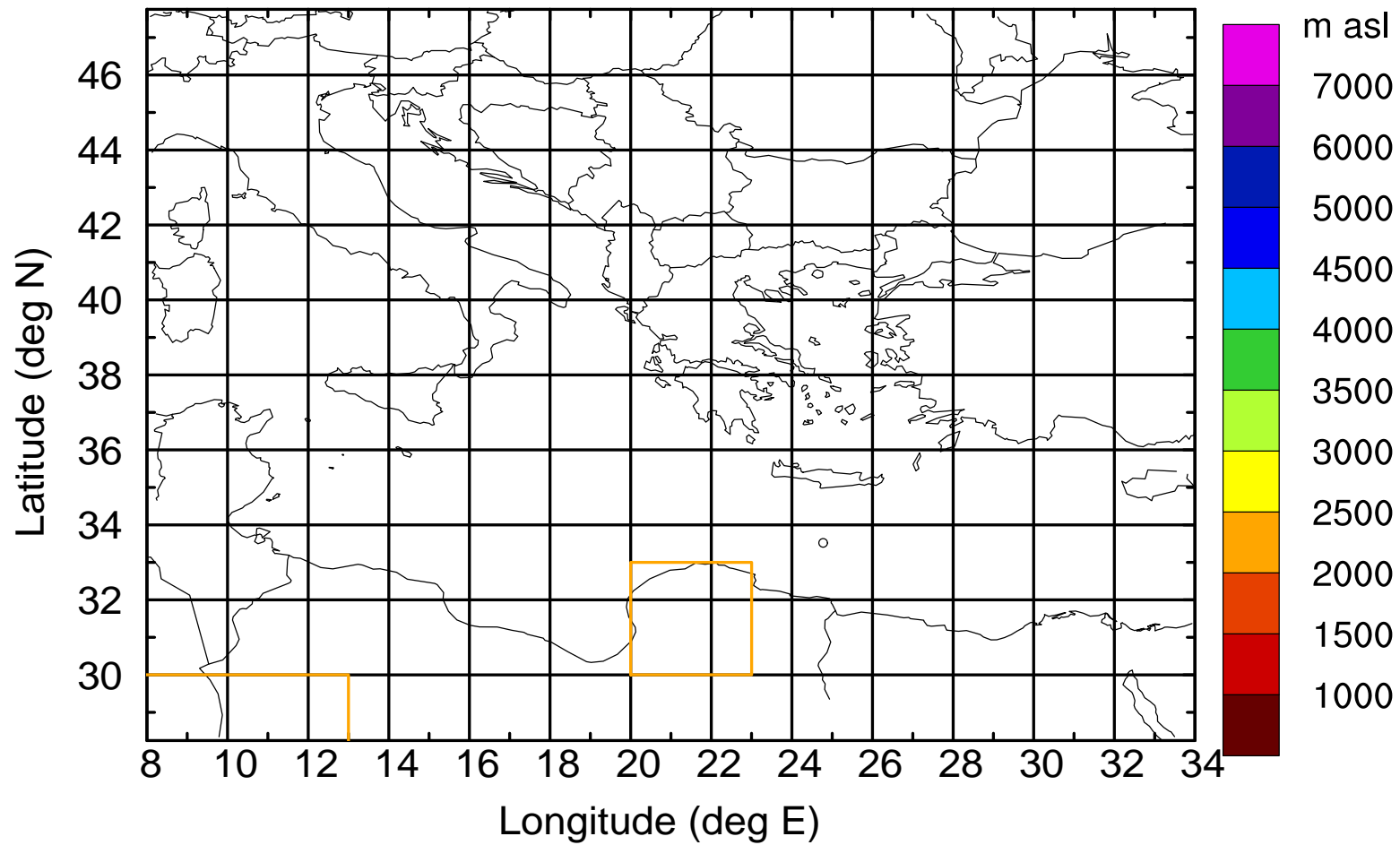
STS ground station 20170417

BWD 20170417/21 -52H = 15/17 UTC



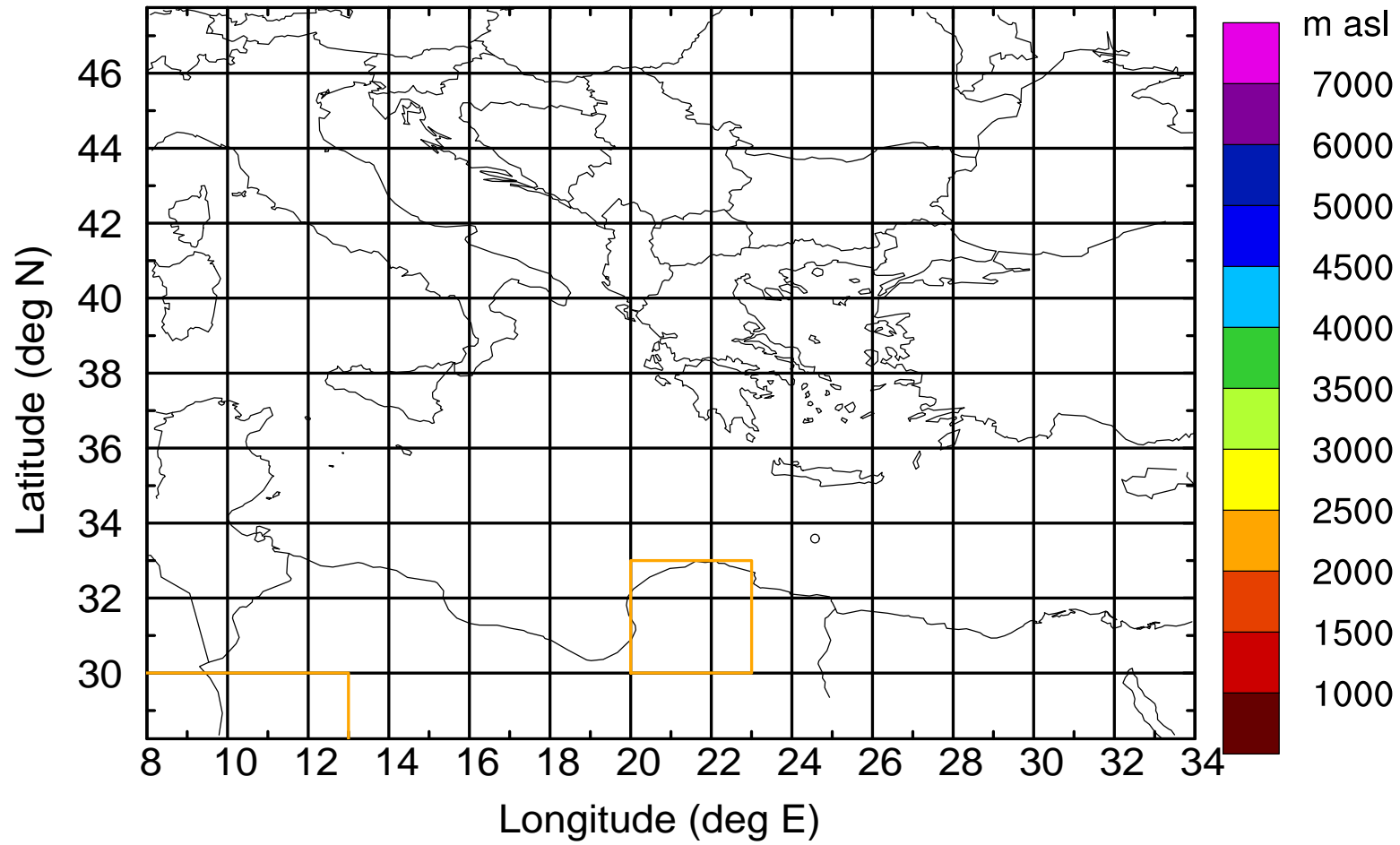
STS ground station 20170417

BWD 20170417/21 -52H = 15/17 UTC



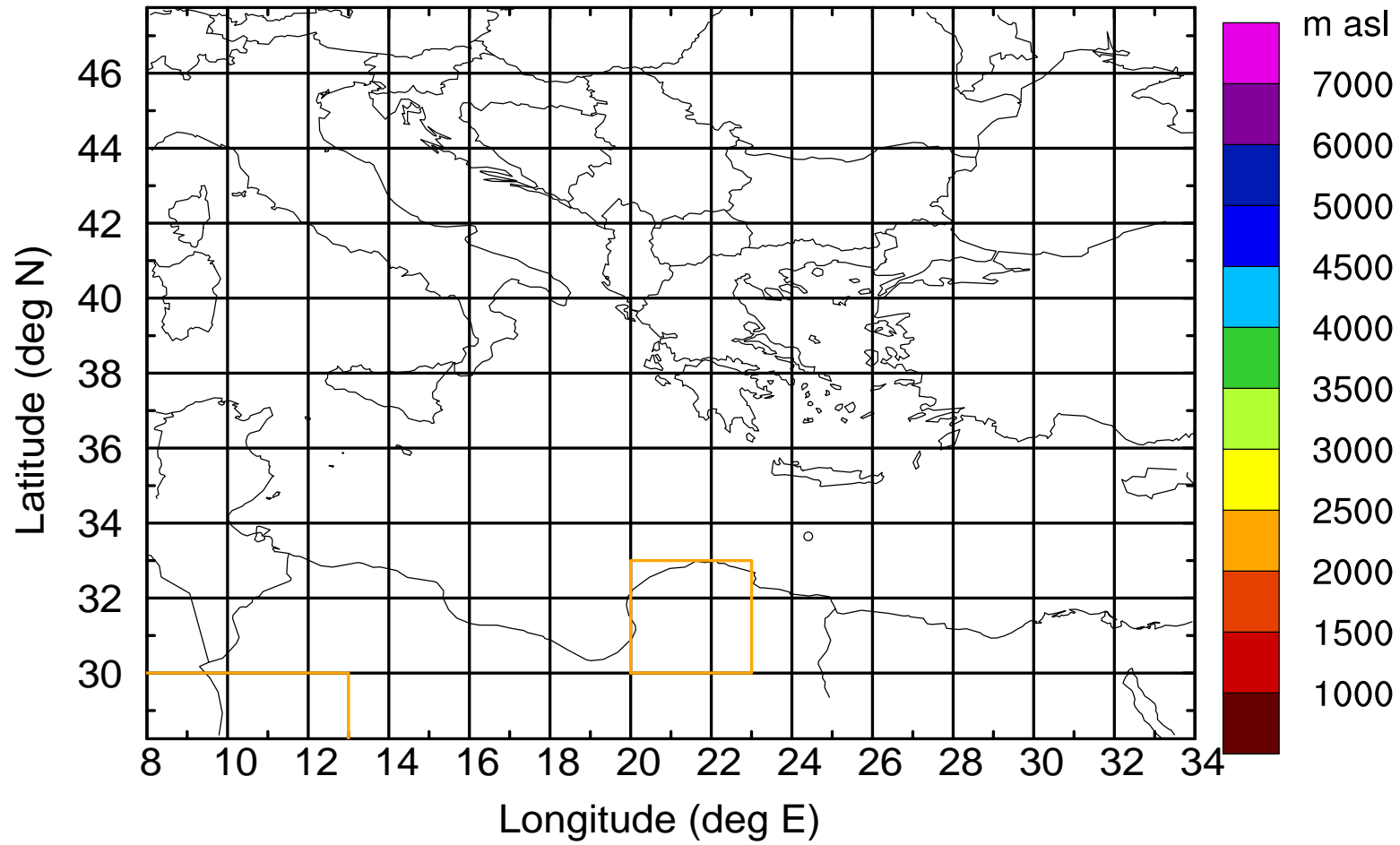
STS ground station 20170417

BWD 20170417/21 -52H = 15/17 UTC



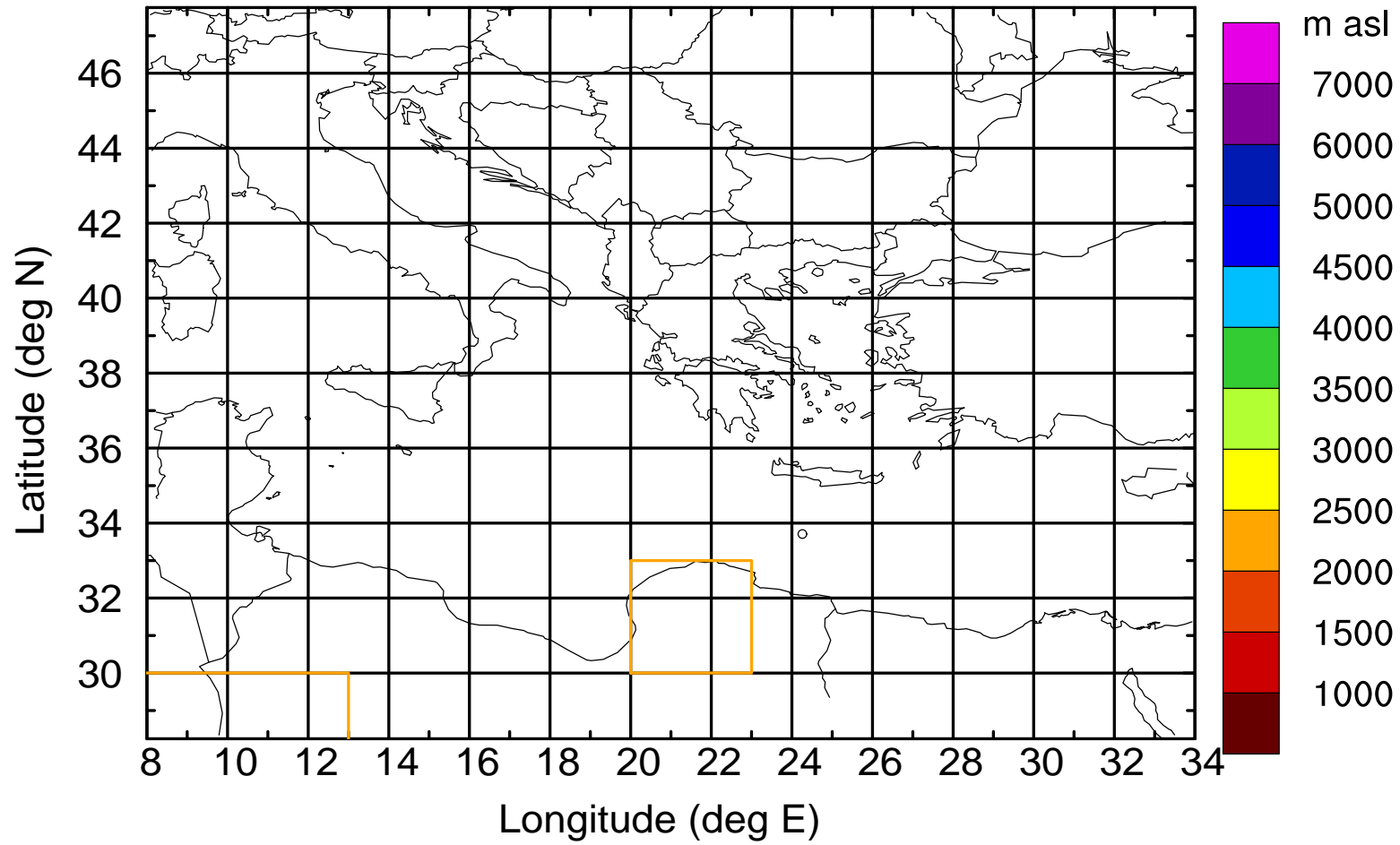
STS ground station 20170417

BWD 20170417/21 -52H = 15/17 UTC



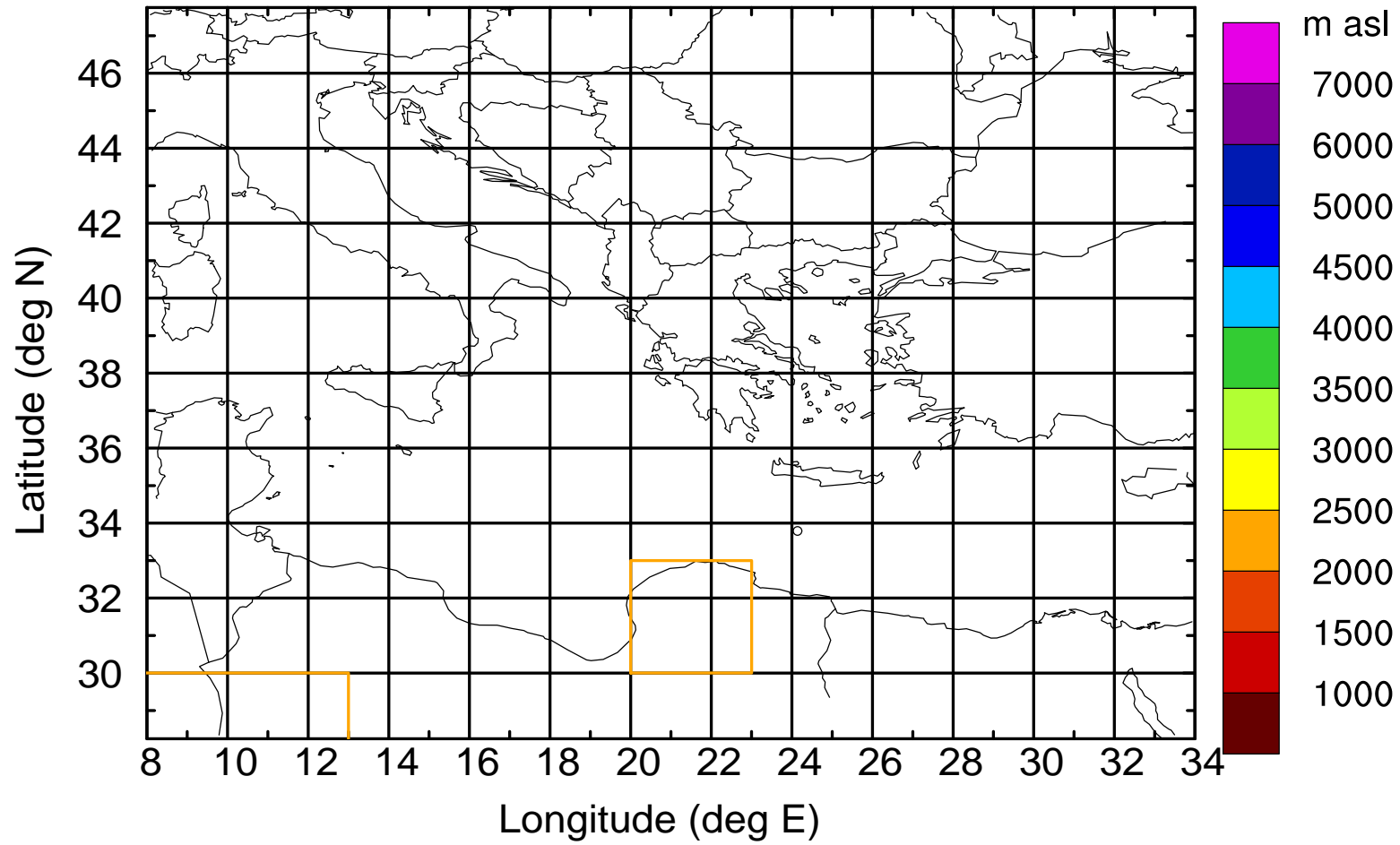
STS ground station 20170417

BWD 20170417/21 -52H = 15/17 UTC



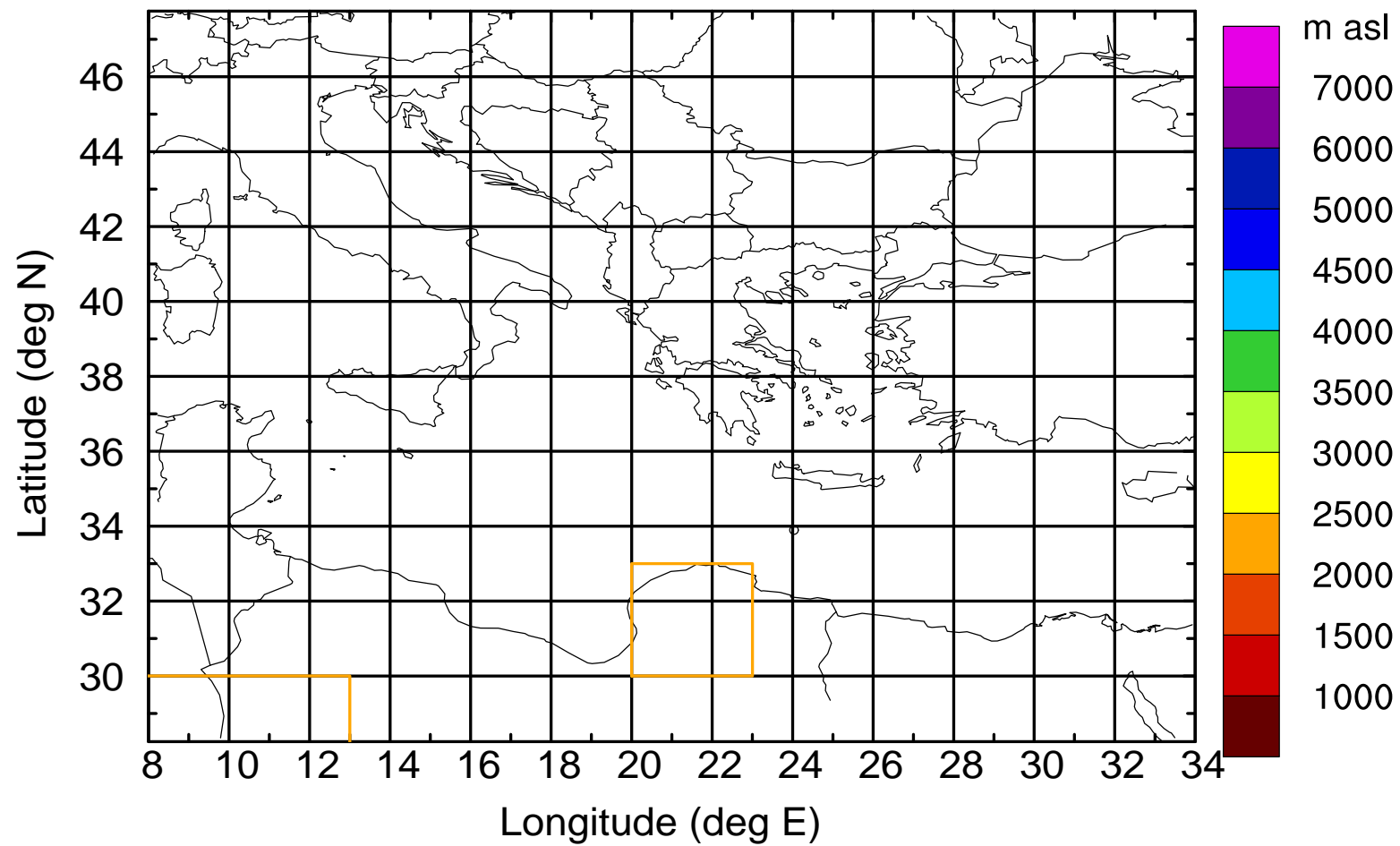
STS ground station 20170417

BWD 20170417/21 -52H = 15/17 UTC



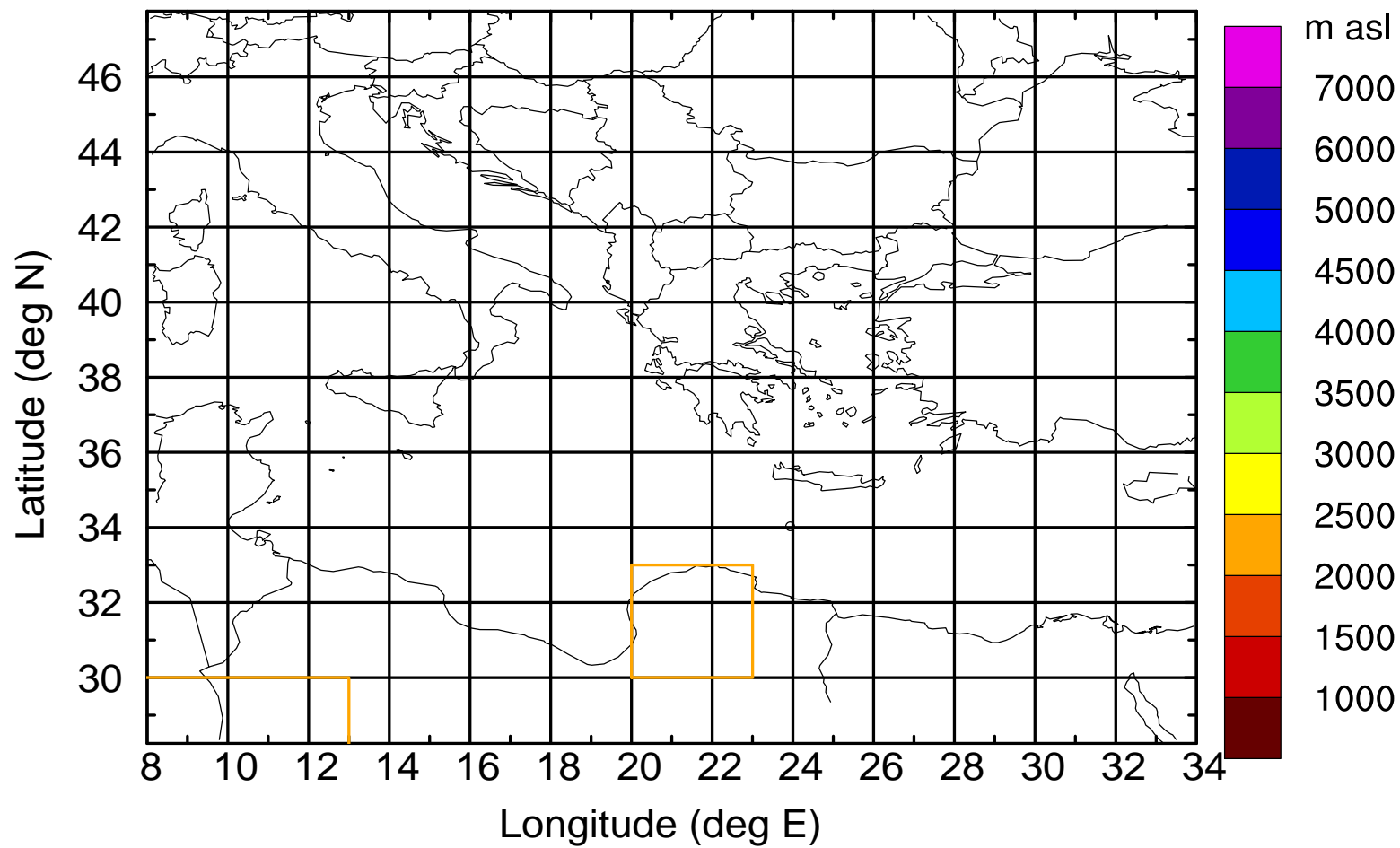
STS ground station 20170417

BWD 20170417/21 -52H = 15/17 UTC



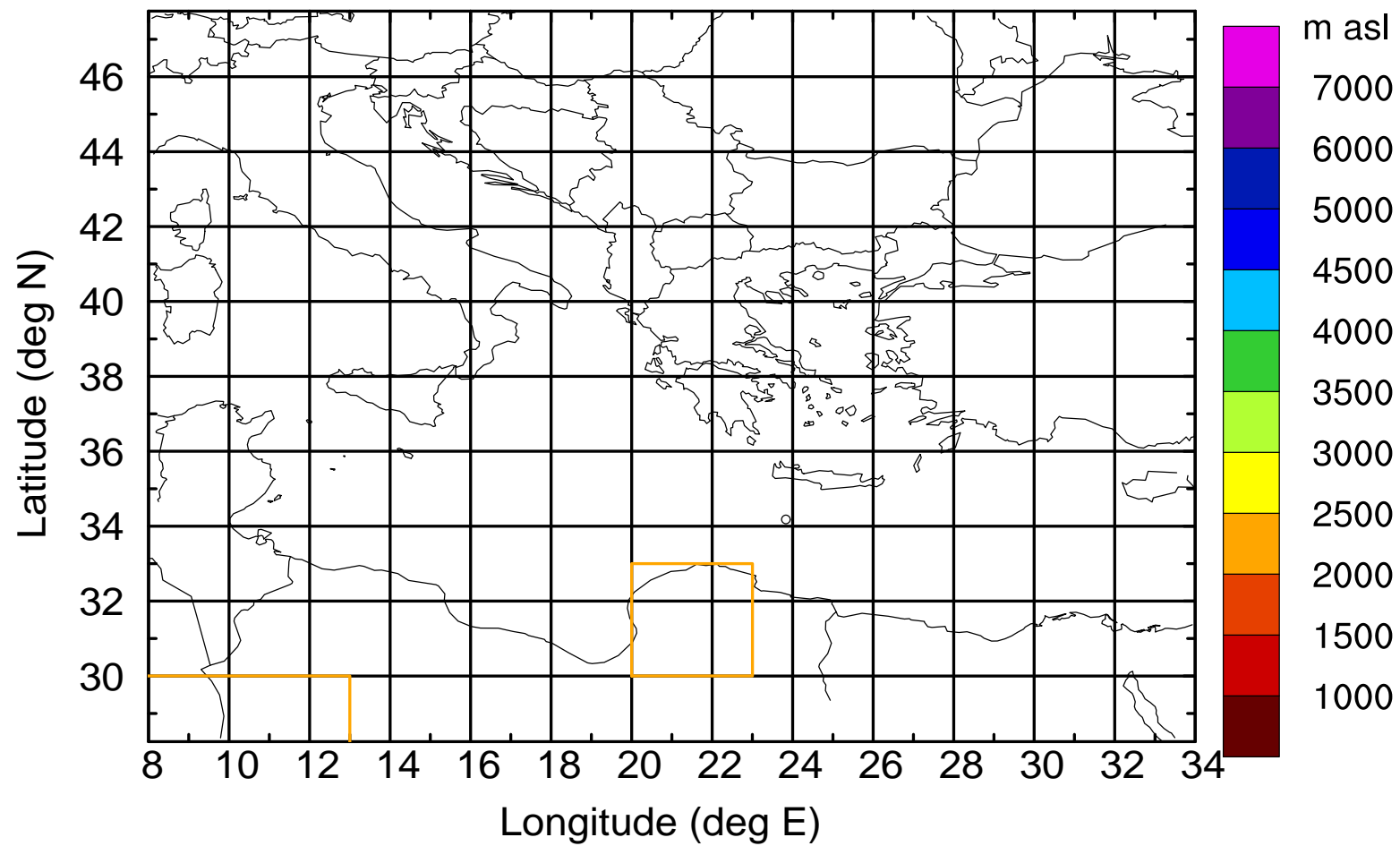
STS ground station 20170417

BWD 20170417/21 -52H = 15/17 UTC



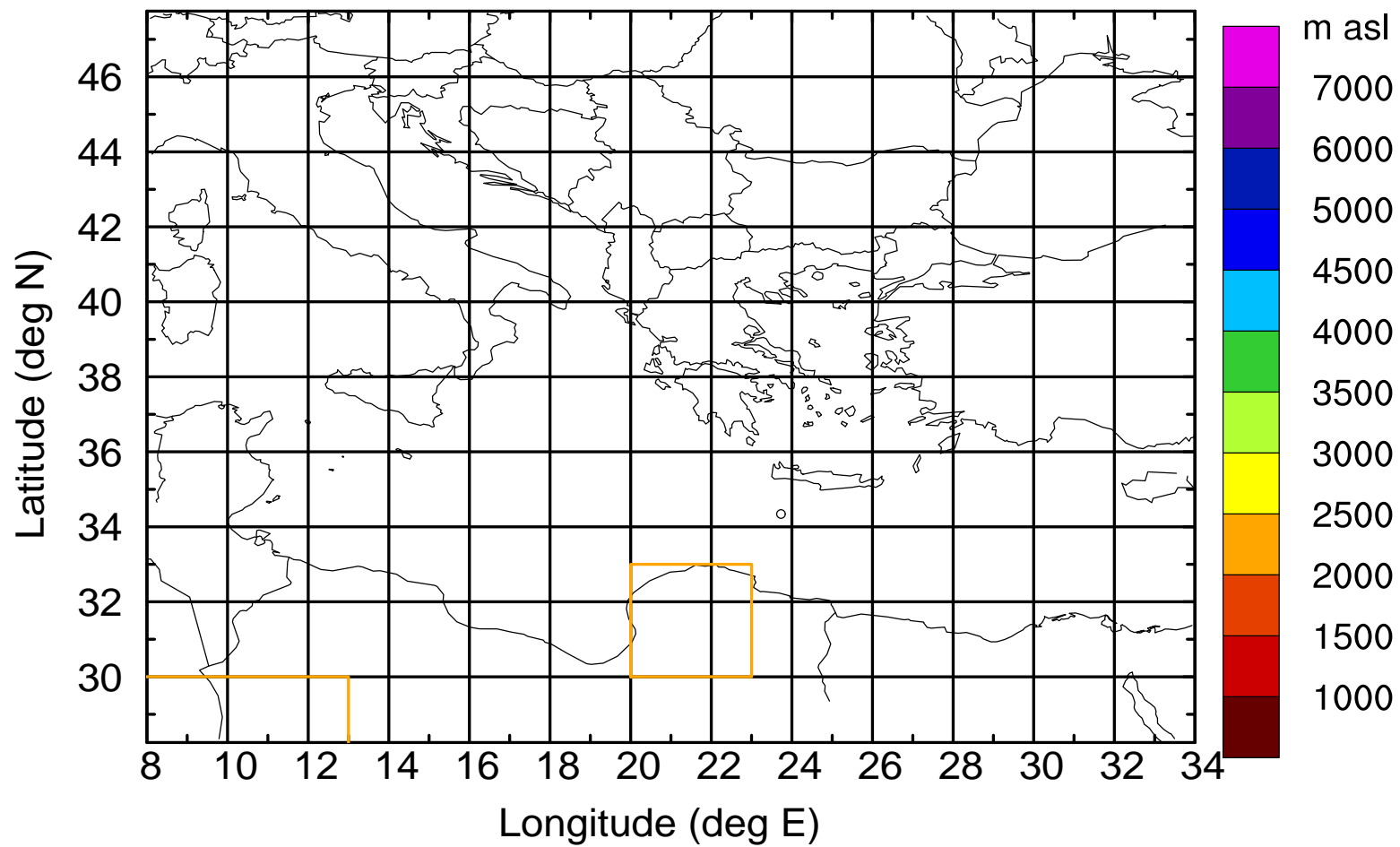
STS ground station 20170417

BWD 20170417/21 -52H = 15/17 UTC



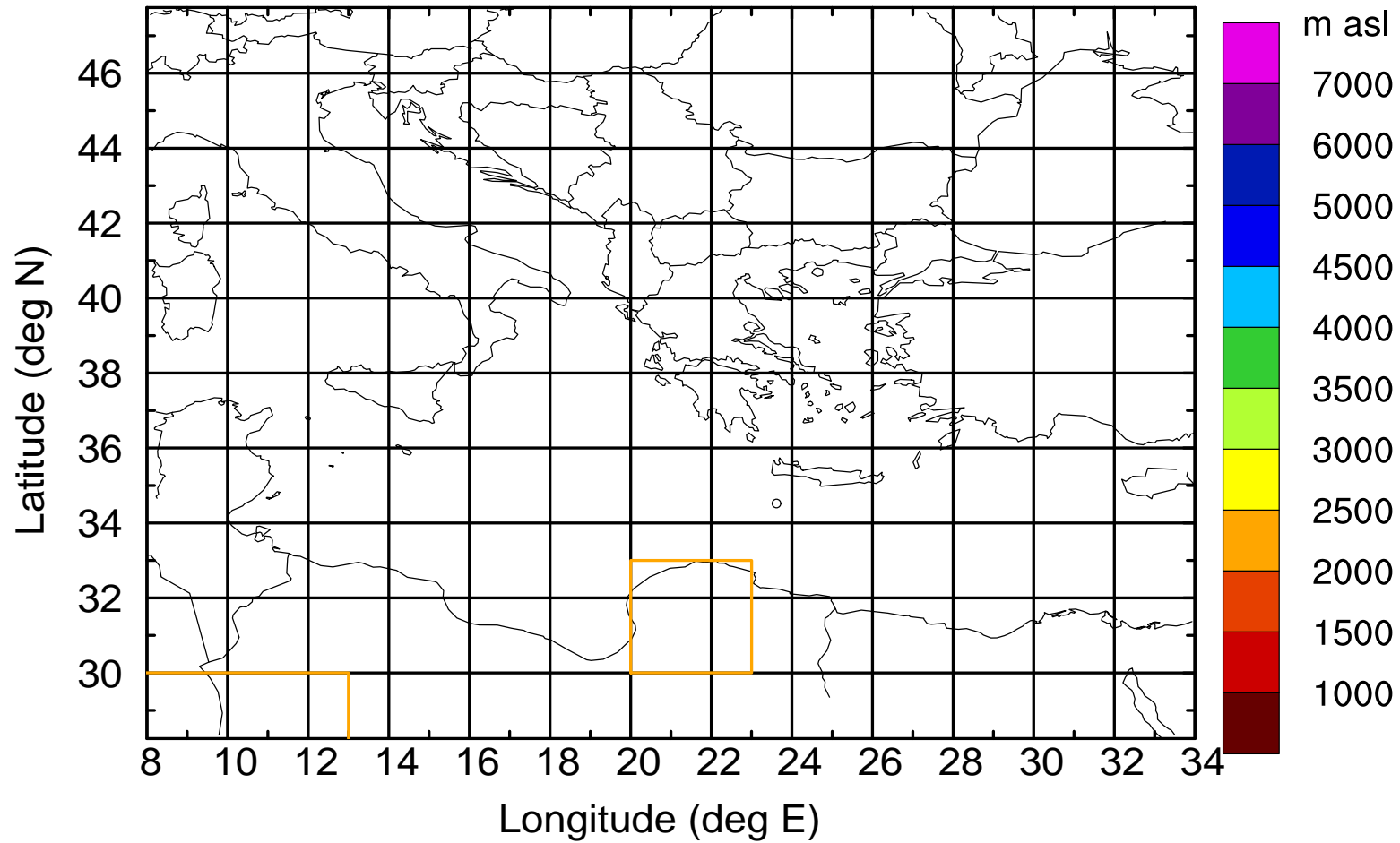
STS ground station 20170417

BWD 20170417/21 -52H = 15/17 UTC



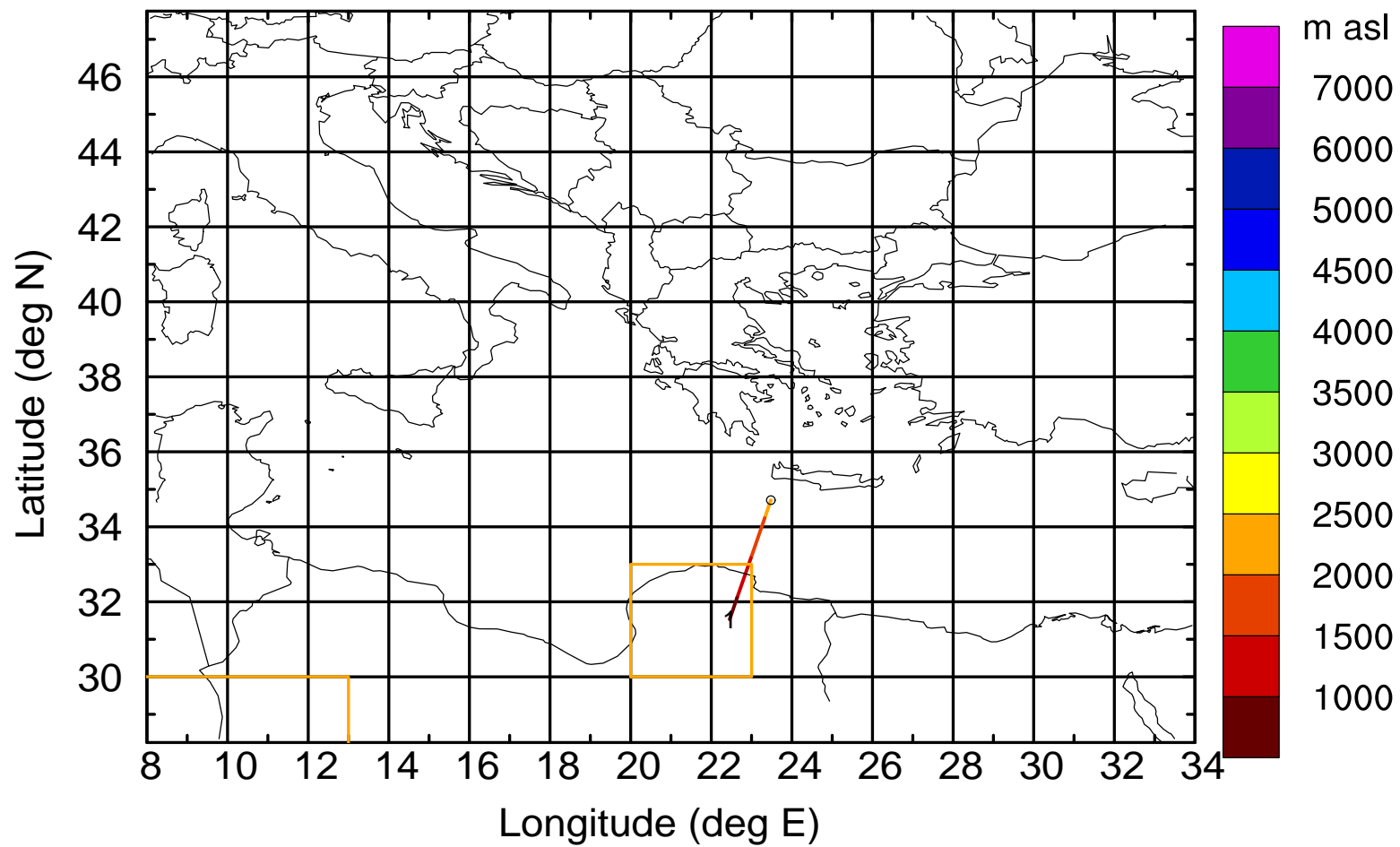
STS ground station 20170417

BWD 20170417/21 -52H = 15/17 UTC



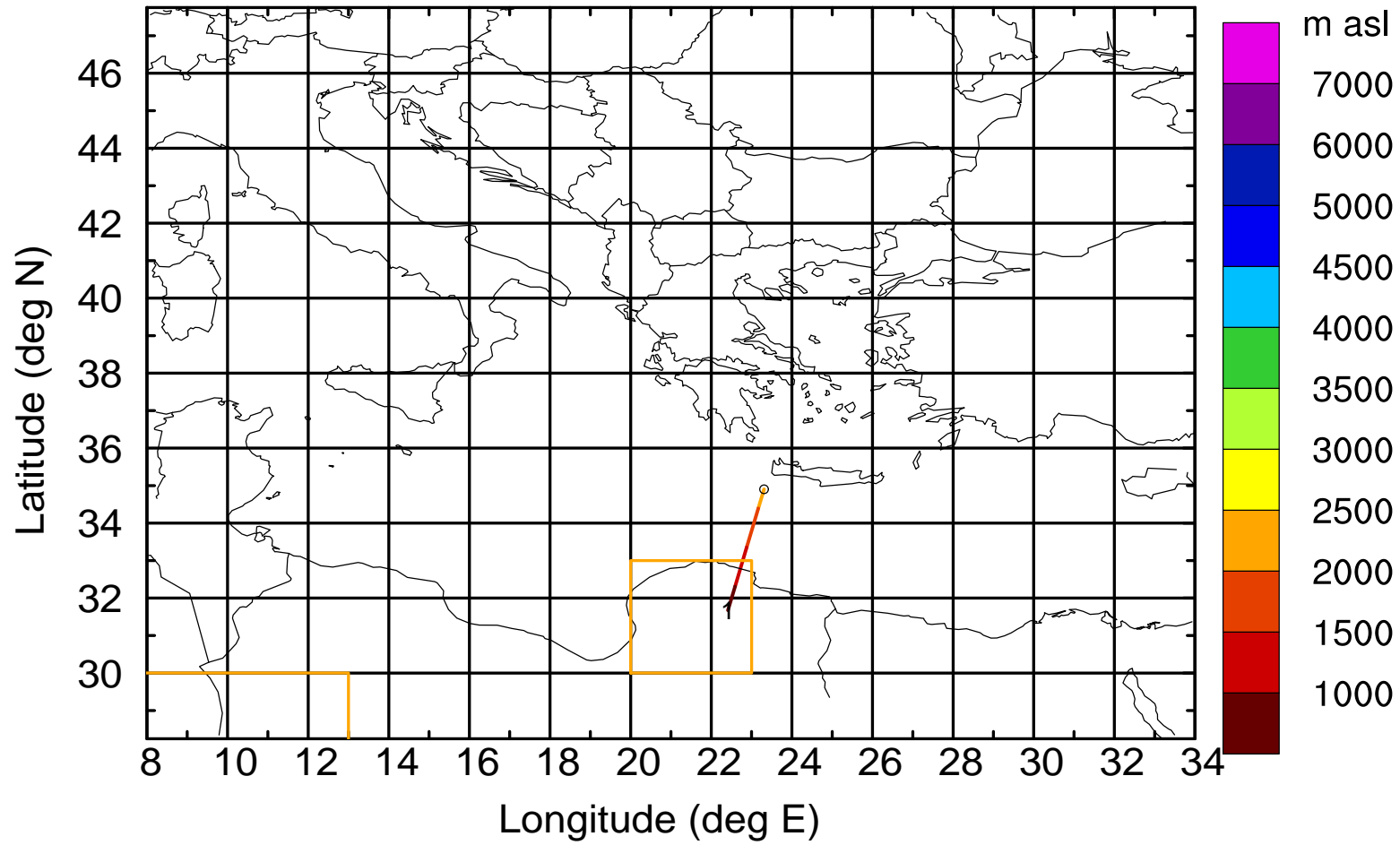
STS ground station 20170417

BWD 20170417/21 -67H = 15/02 UTC



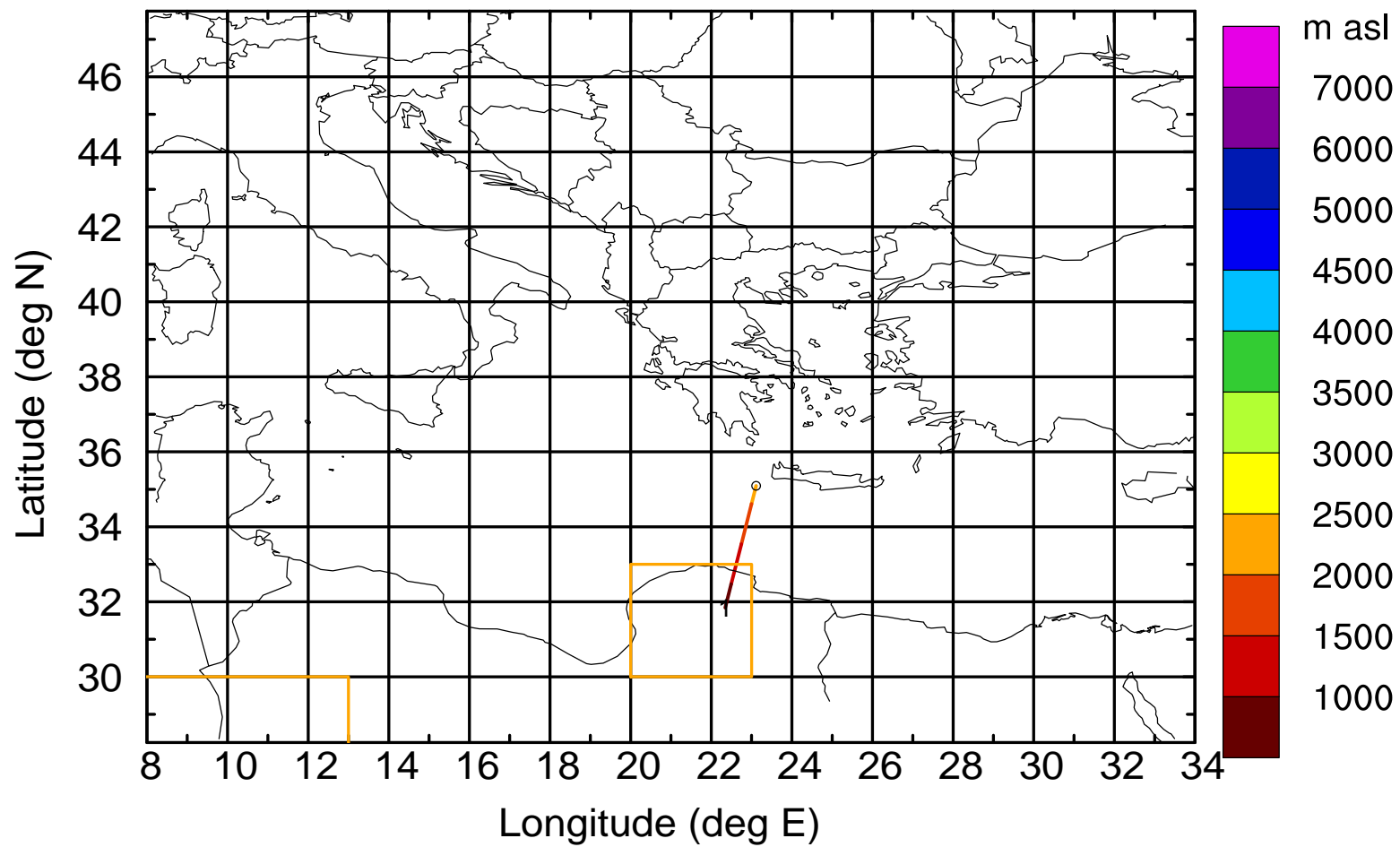
STS ground station 20170417

BWD 20170417/21 -68H = 15/01 UTC



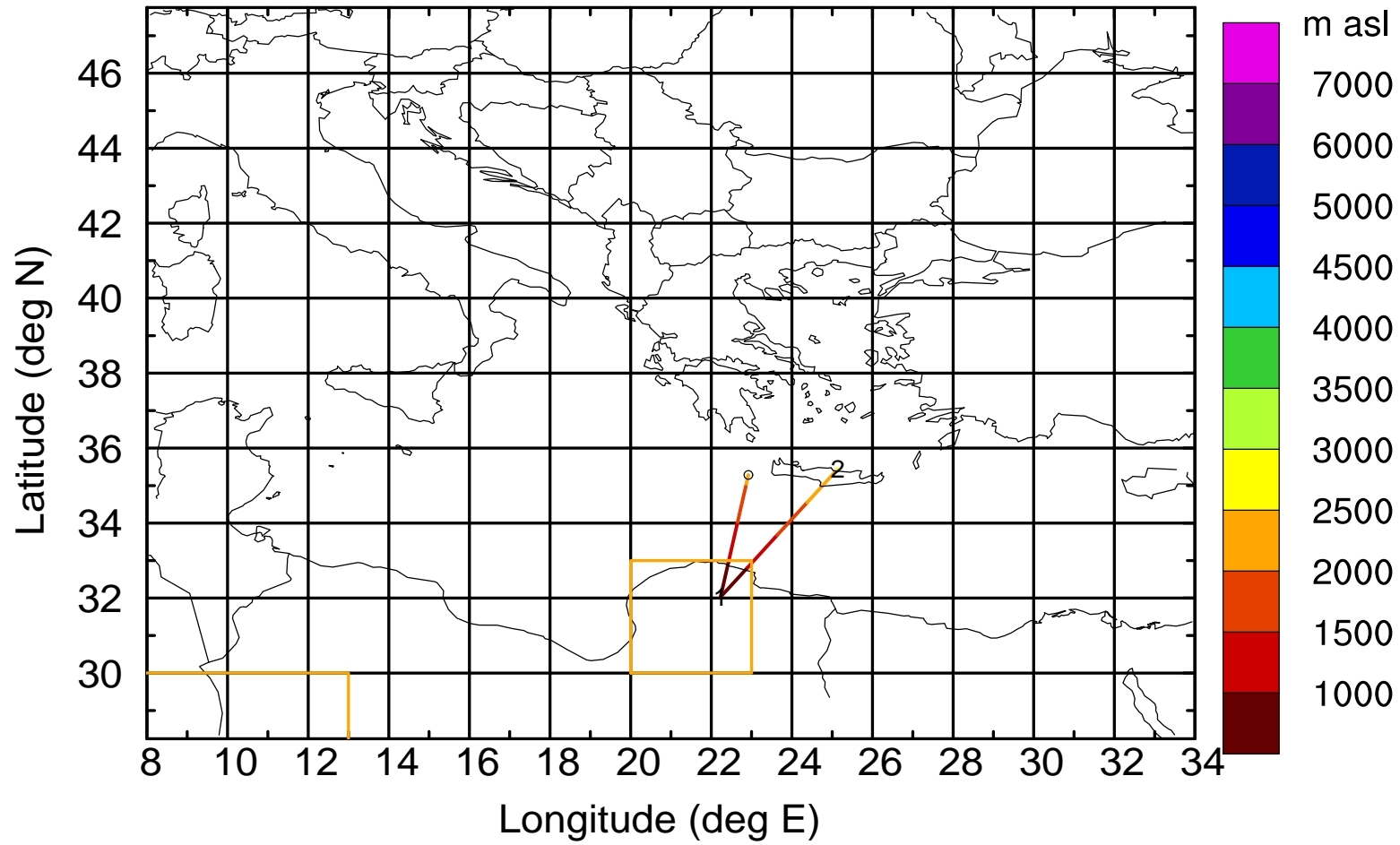
STS ground station 20170417

BWD 20170417/21 -69H = 15/00 UTC



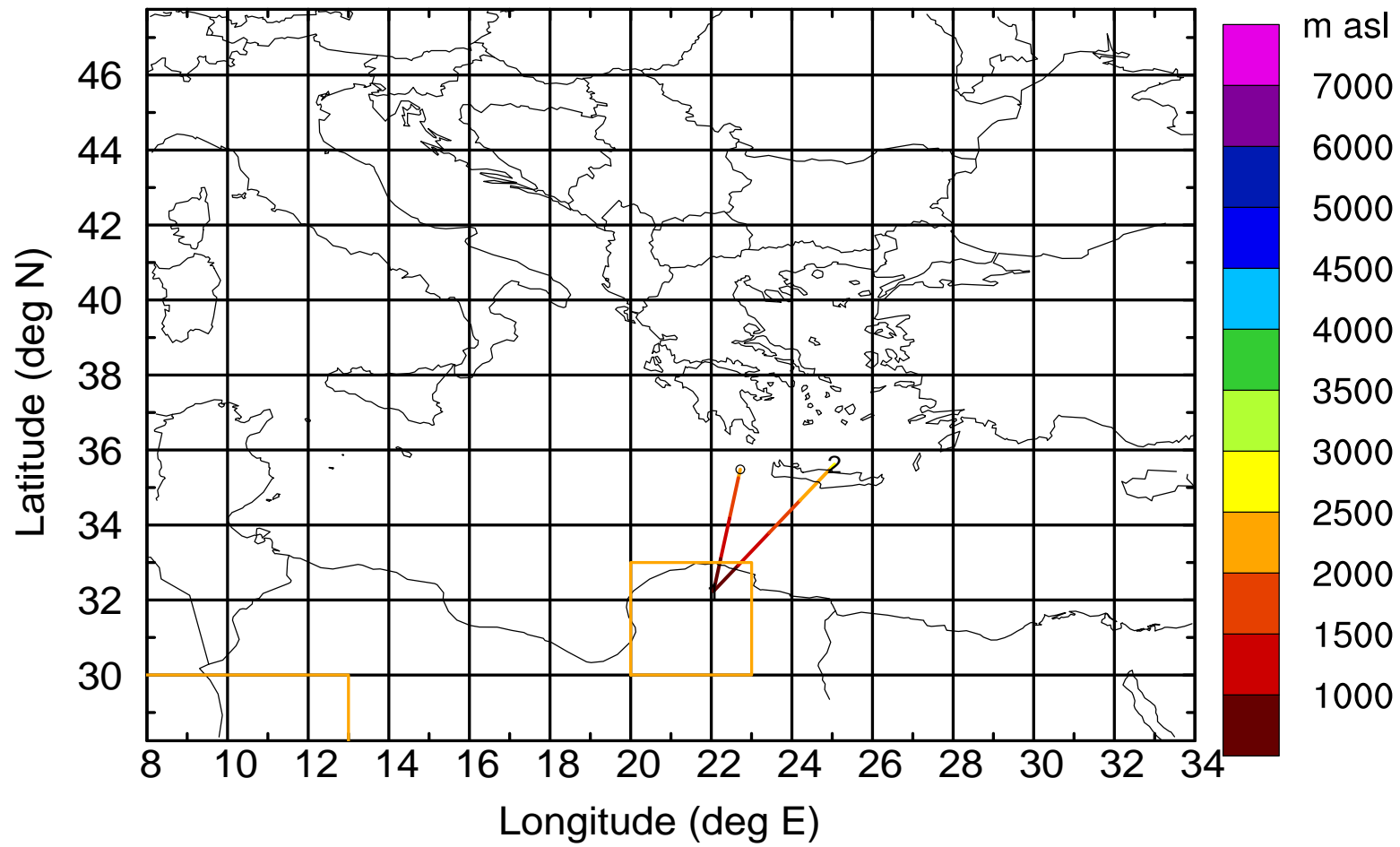
STS ground station 20170417

BWD 20170417/21 -70H = 14/23 UTC



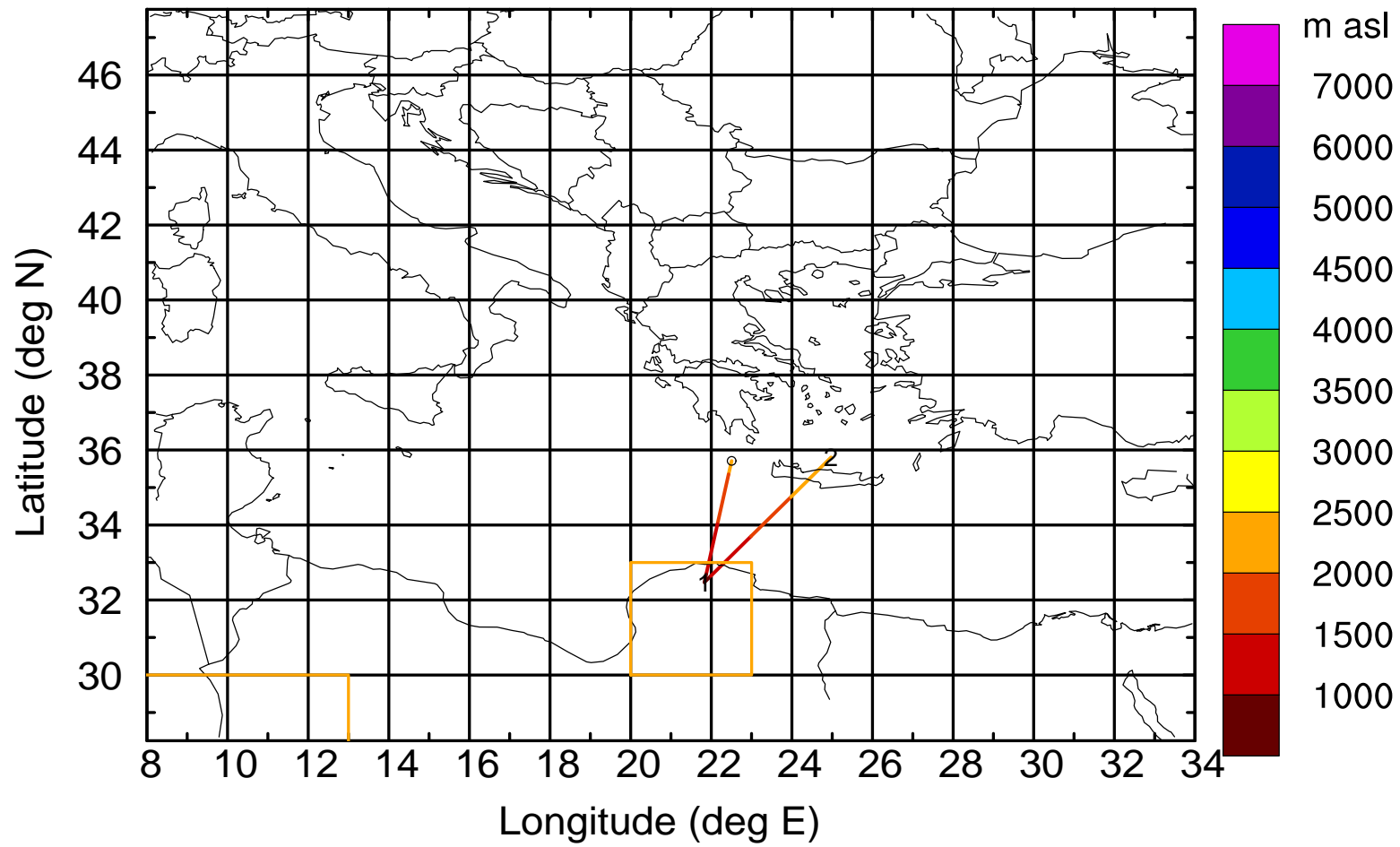
STS ground station 20170417

BWD 20170417/21 -71H = 14/22 UTC



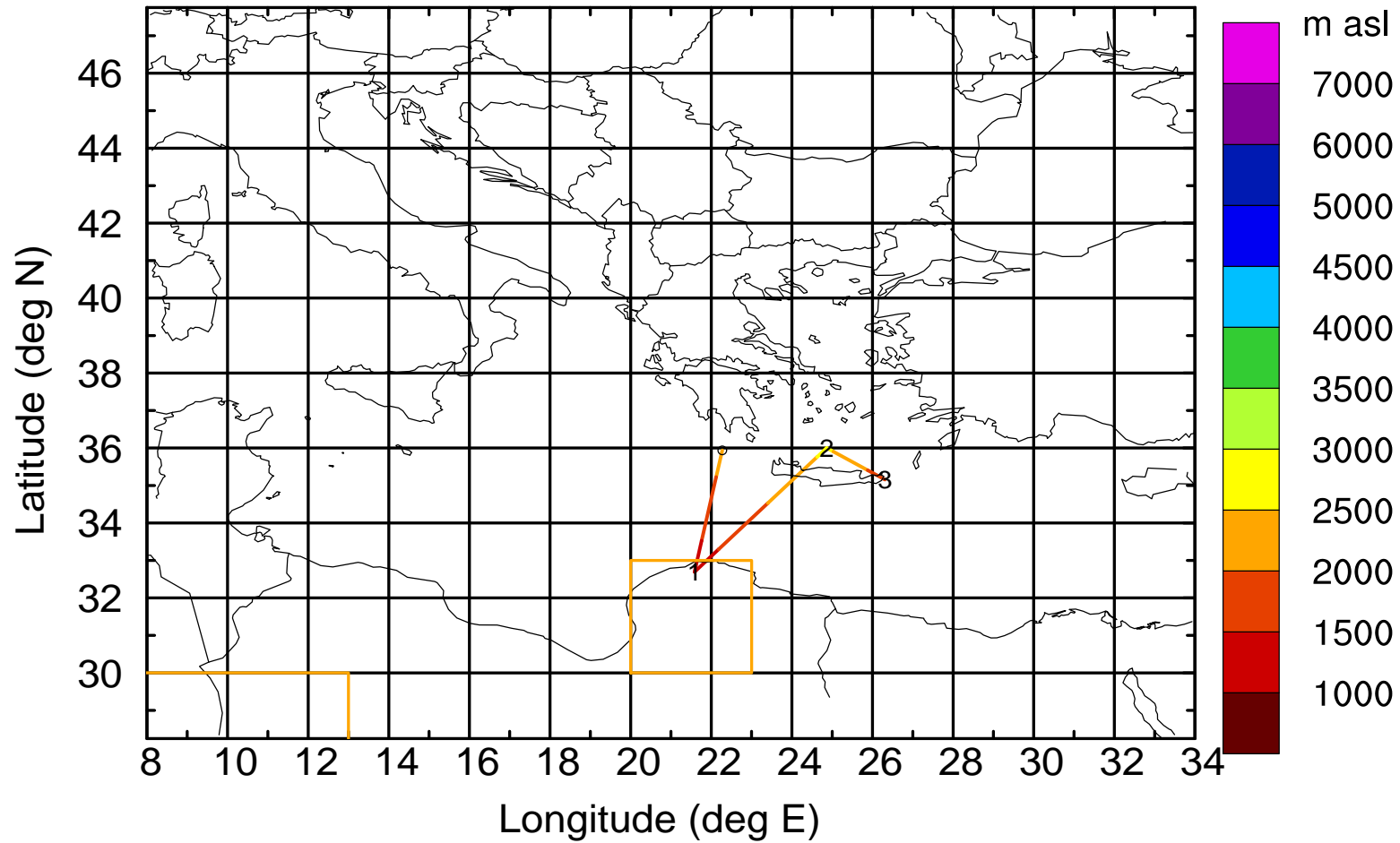
STS ground station 20170417

BWD 20170417/21 -72H = 14/21 UTC



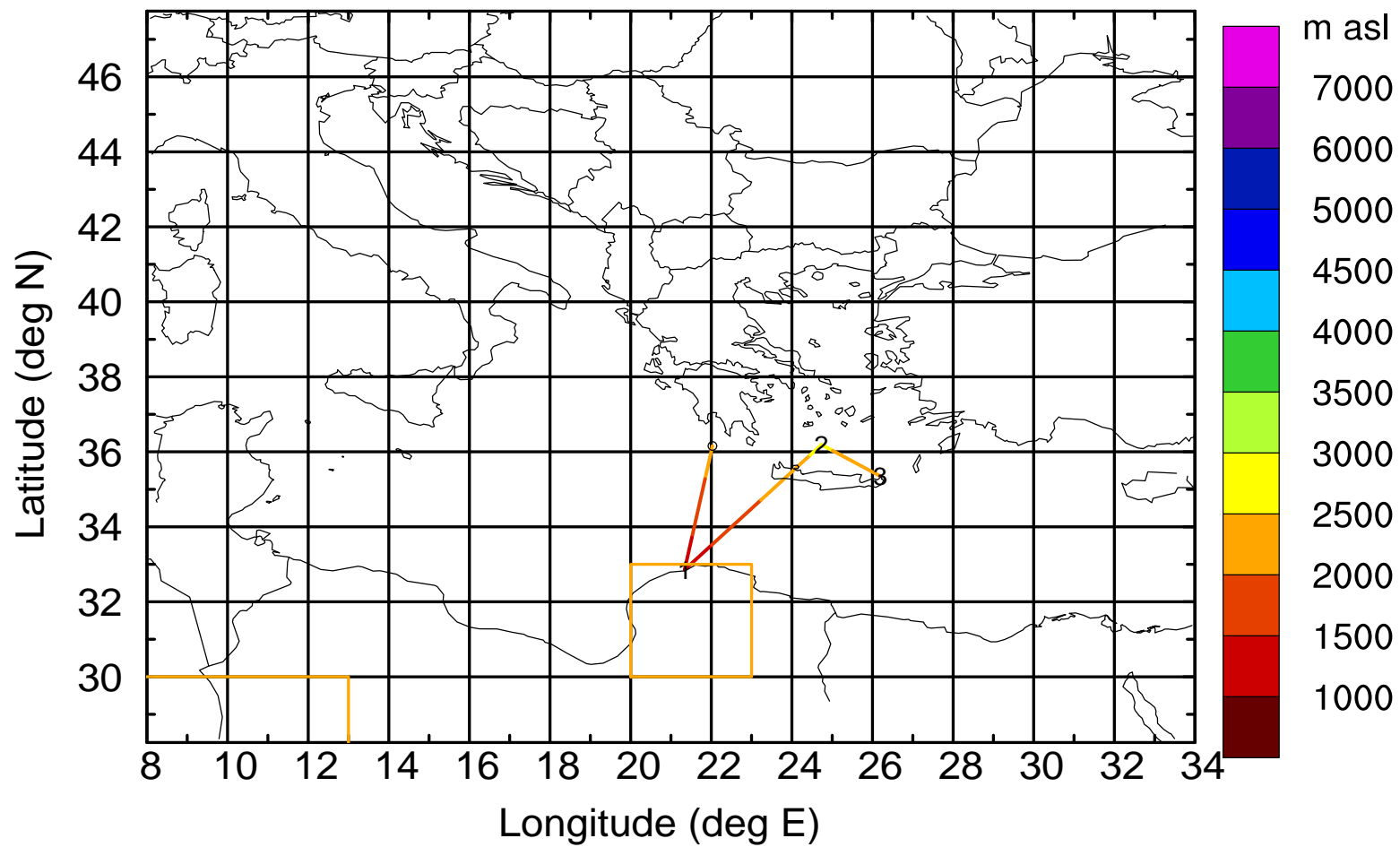
STS ground station 20170417

BWD 20170417/21 -73H = 14/20 UTC



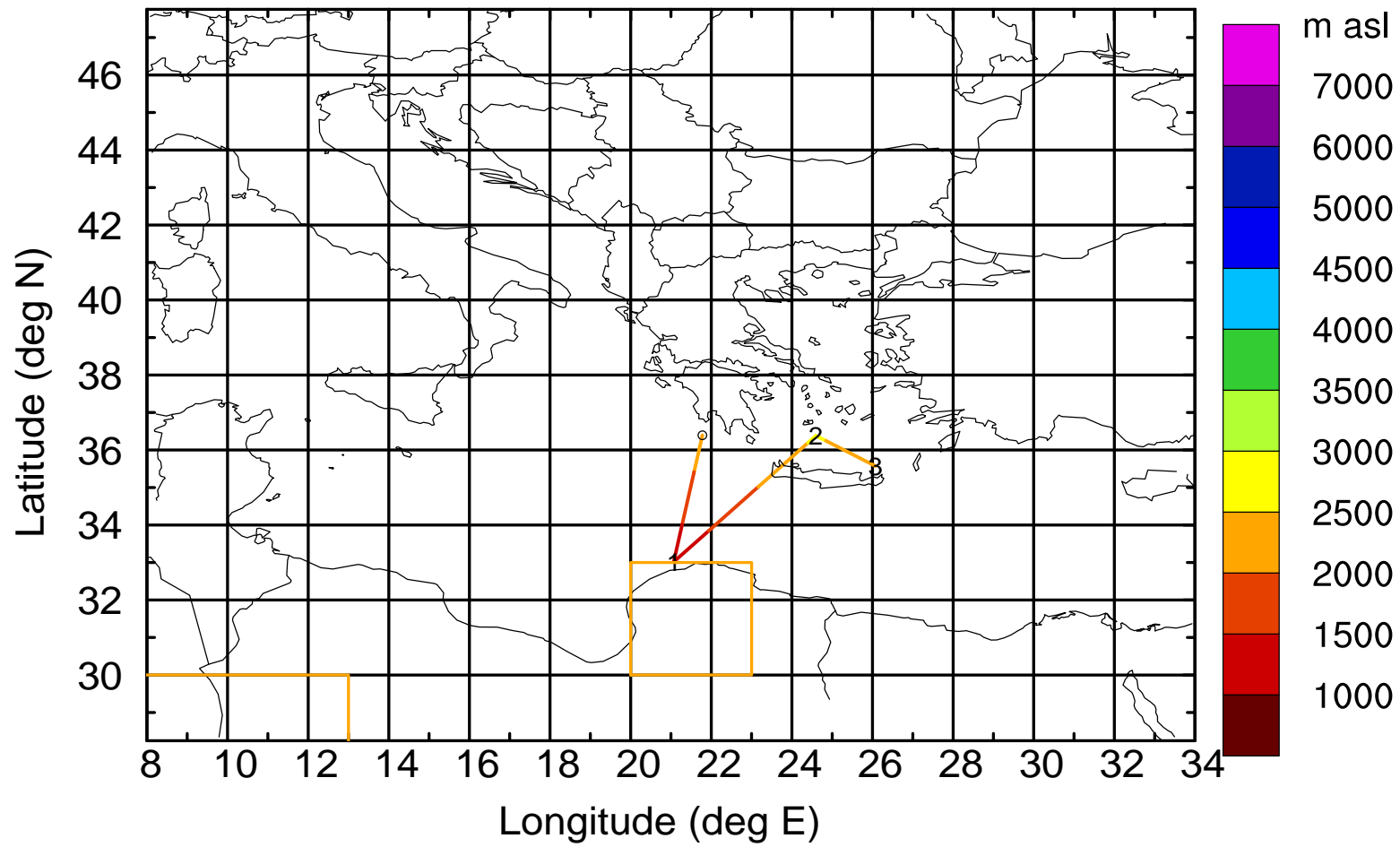
STS ground station 20170417

BWD 20170417/21 -74H = 14/19 UTC



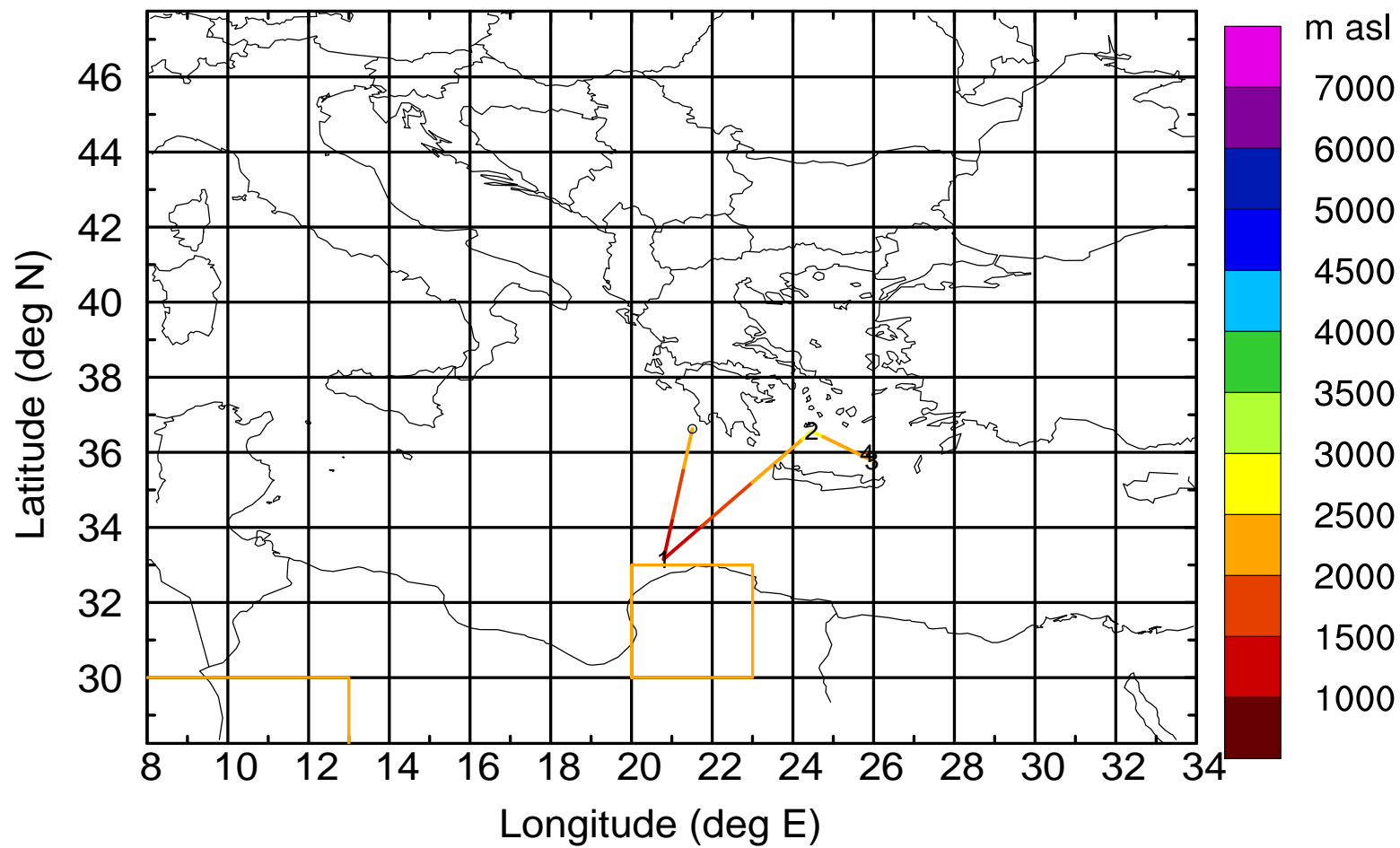
STS ground station 20170417

BWD 20170417/21 -75H = 14/18 UTC



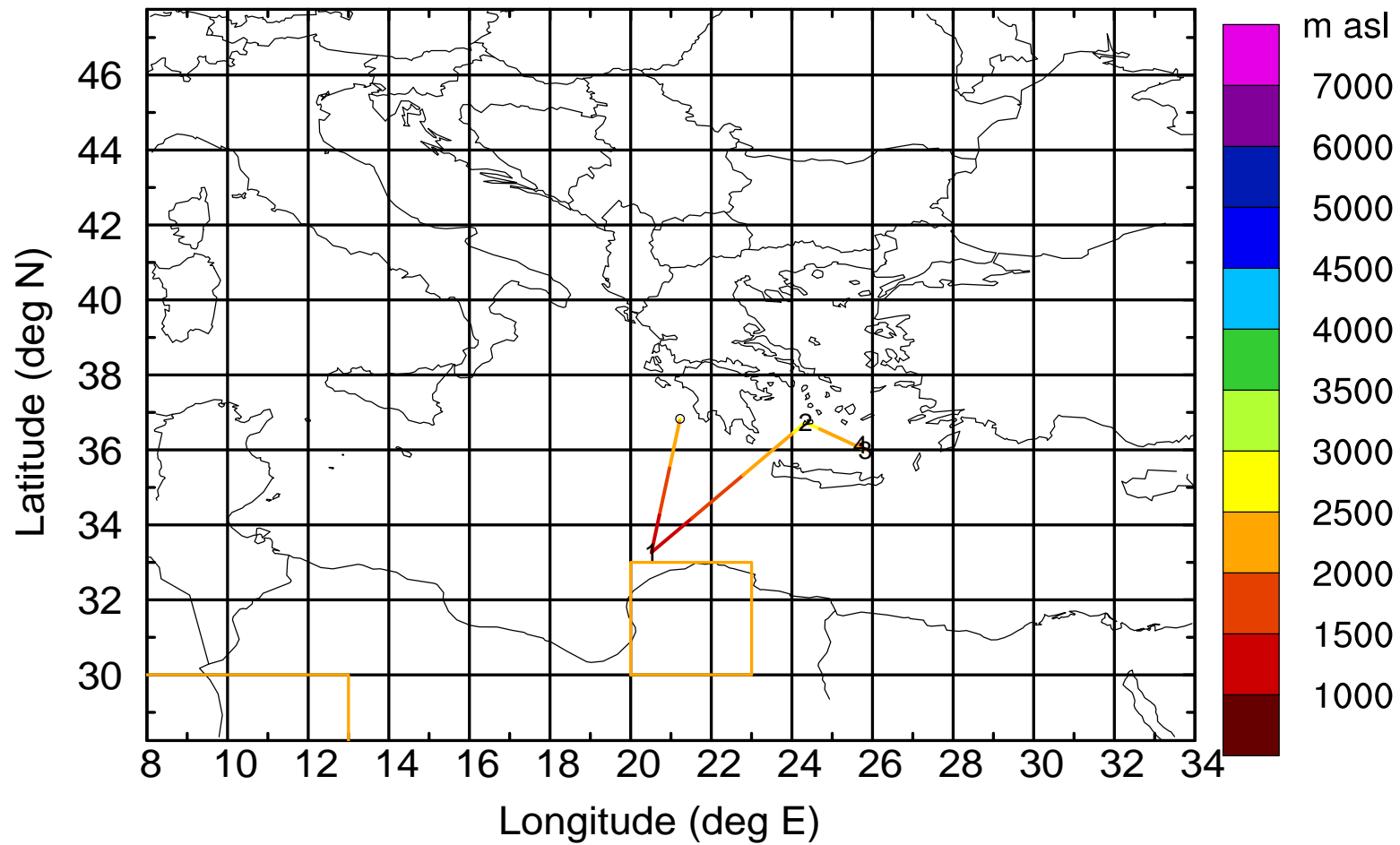
STS ground station 20170417

BWD 20170417/21 -76H = 14/17 UTC



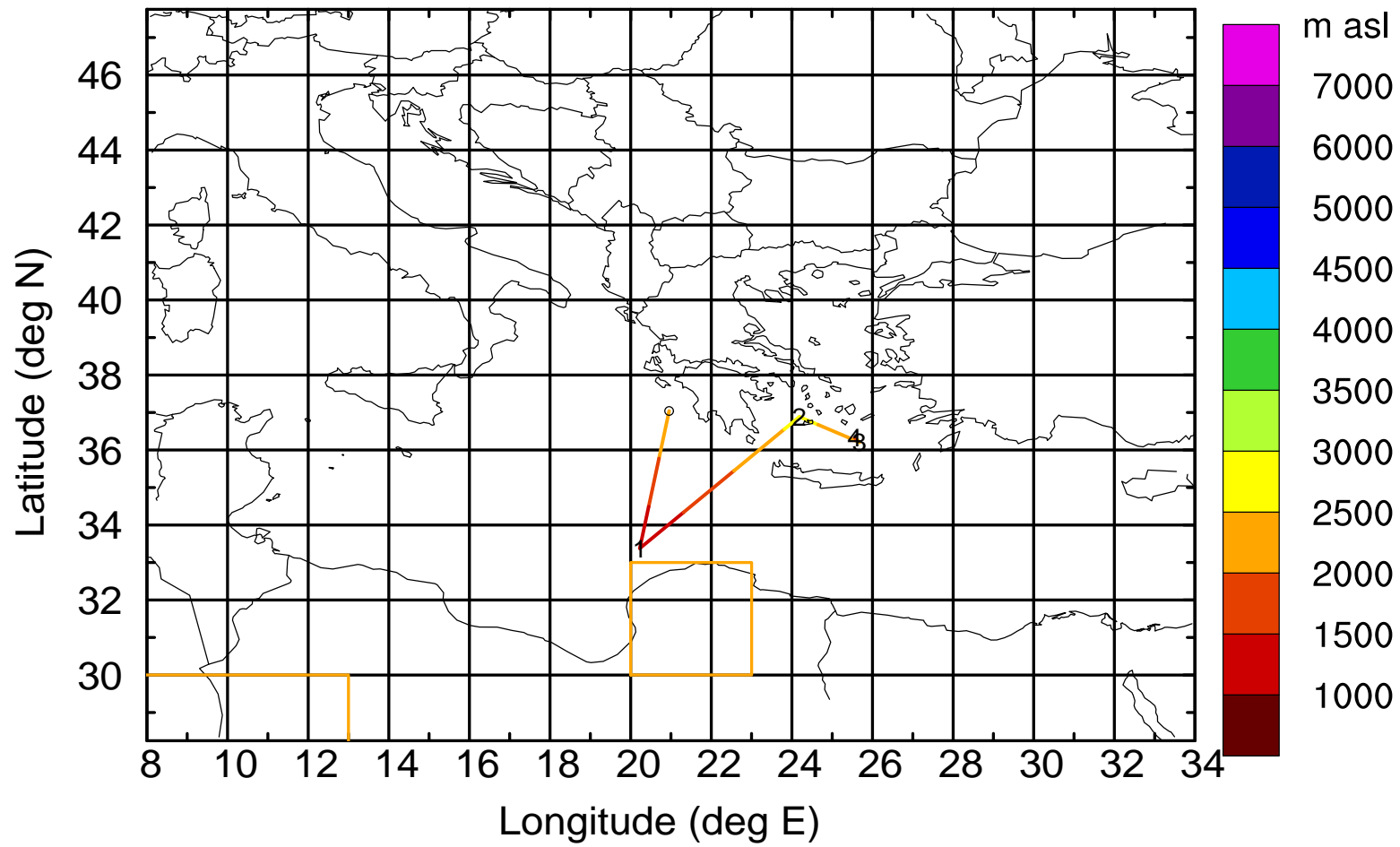
STS ground station 20170417

BWD 20170417/21 -77H = 14/16 UTC



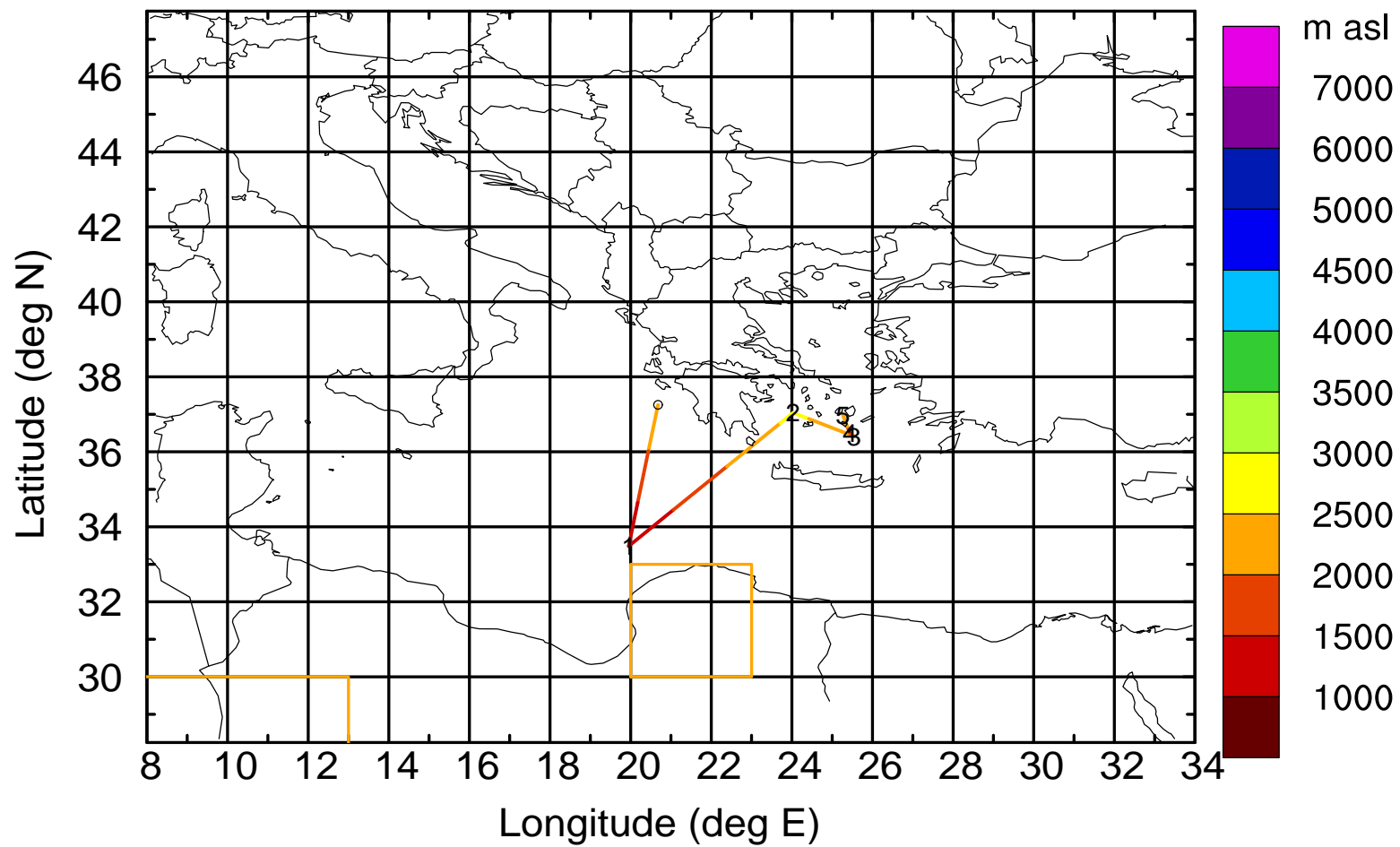
STS ground station 20170417

BWD 20170417/21 -78H = 14/15 UTC



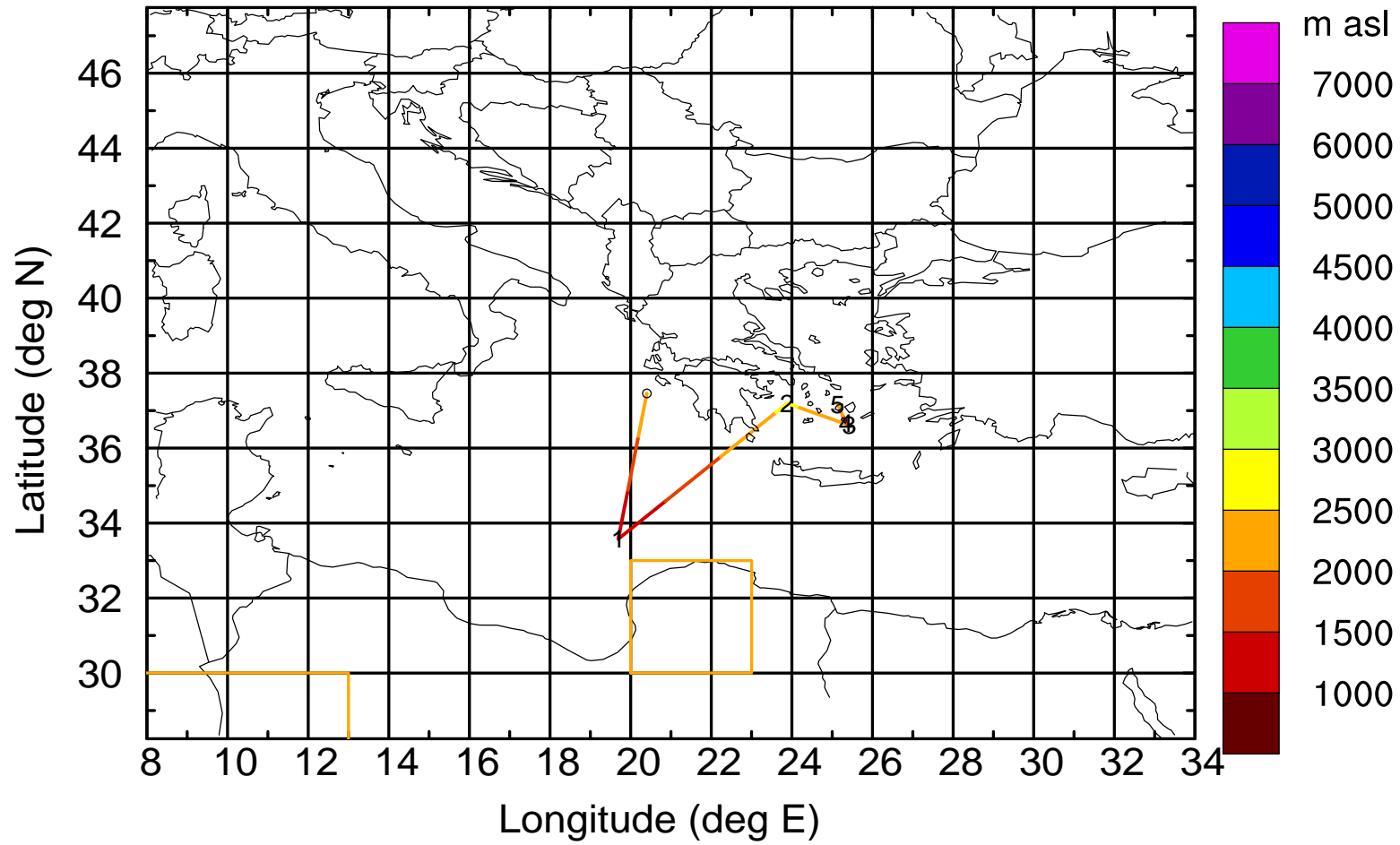
STS ground station 20170417

BWD 20170417/21 -79H = 14/14 UTC



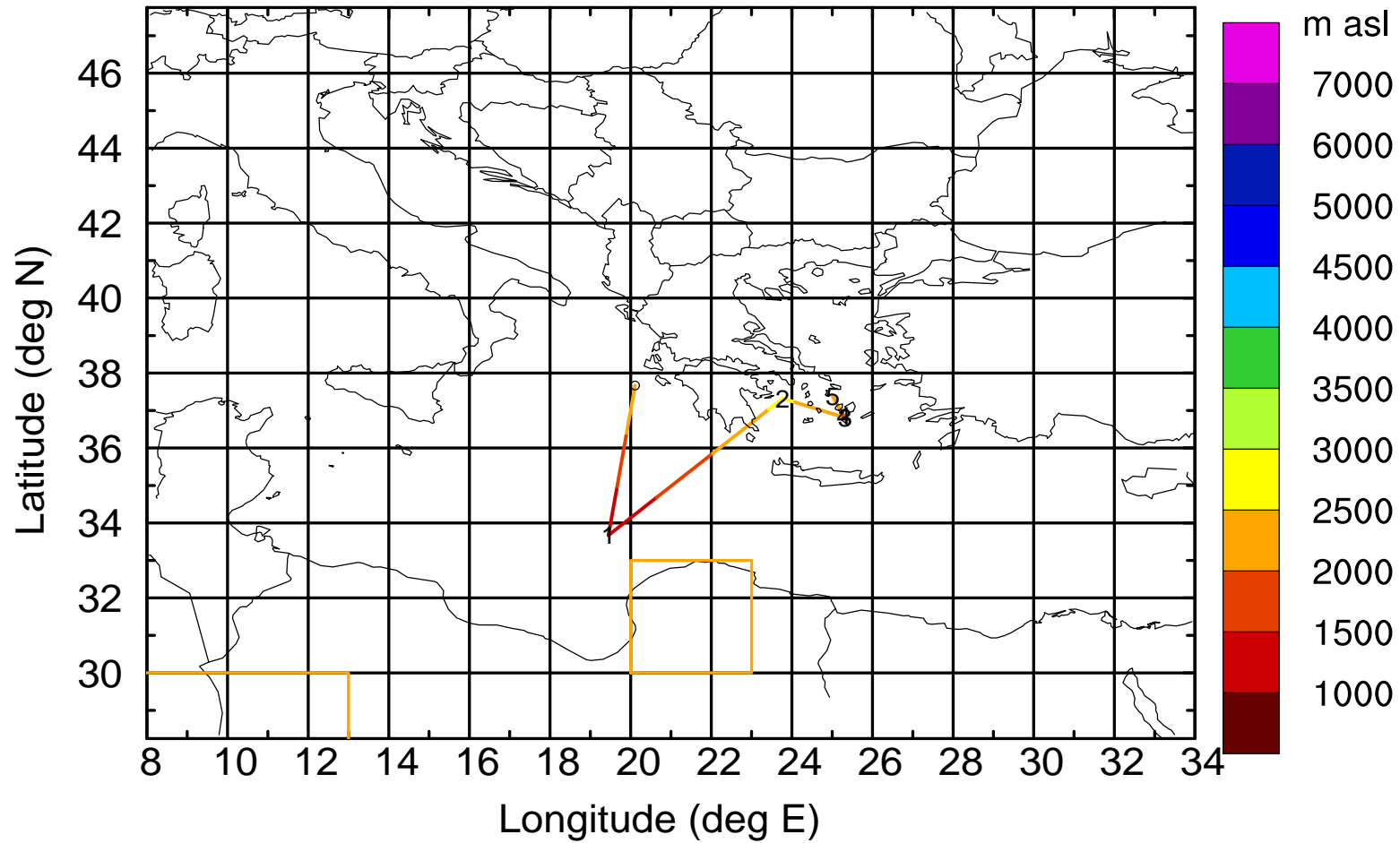
STS ground station 20170417

BWD 20170417/21 -80H = 14/13 UTC



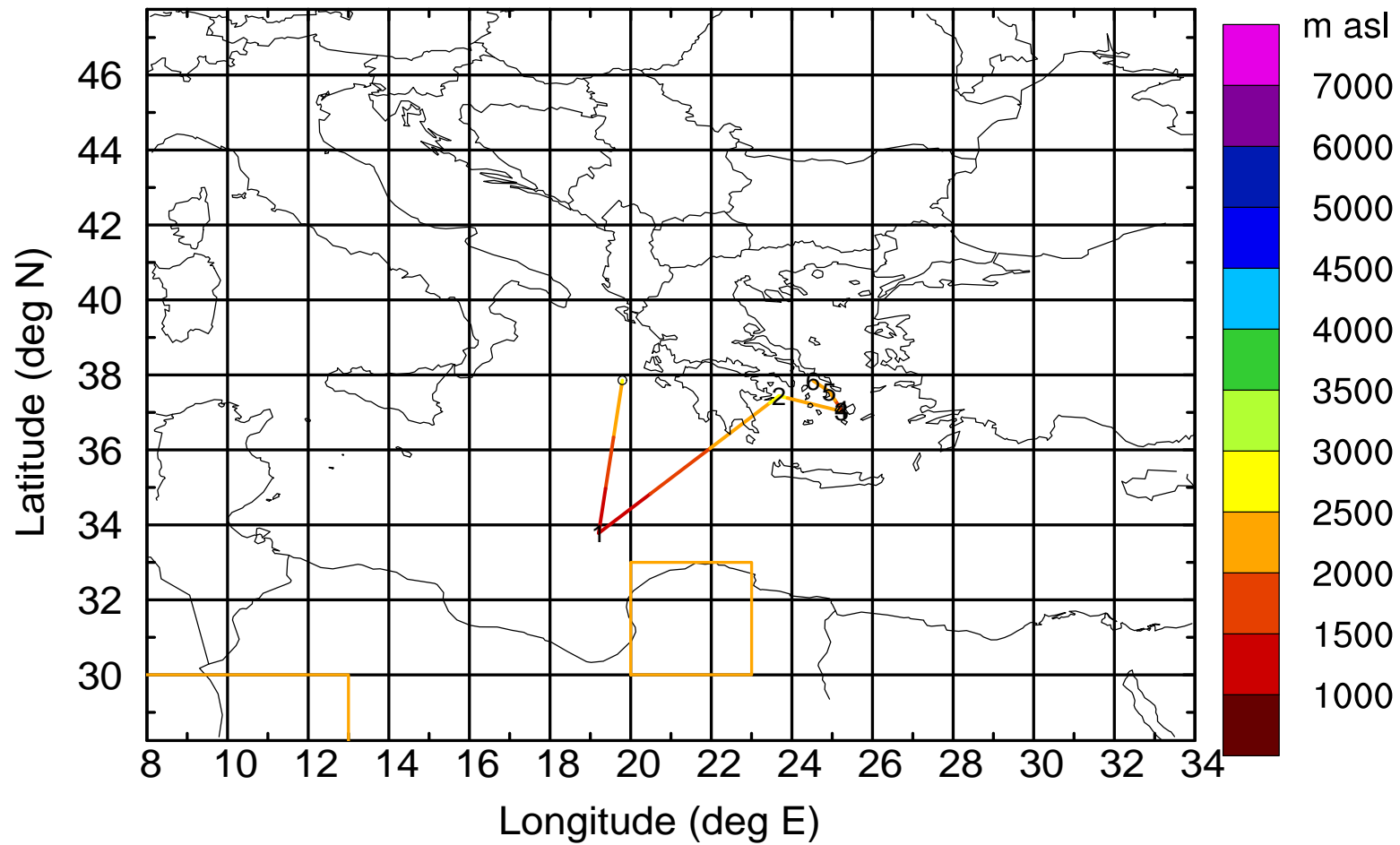
STS ground station 20170417

BWD 20170417/21 -81H = 14/12 UTC



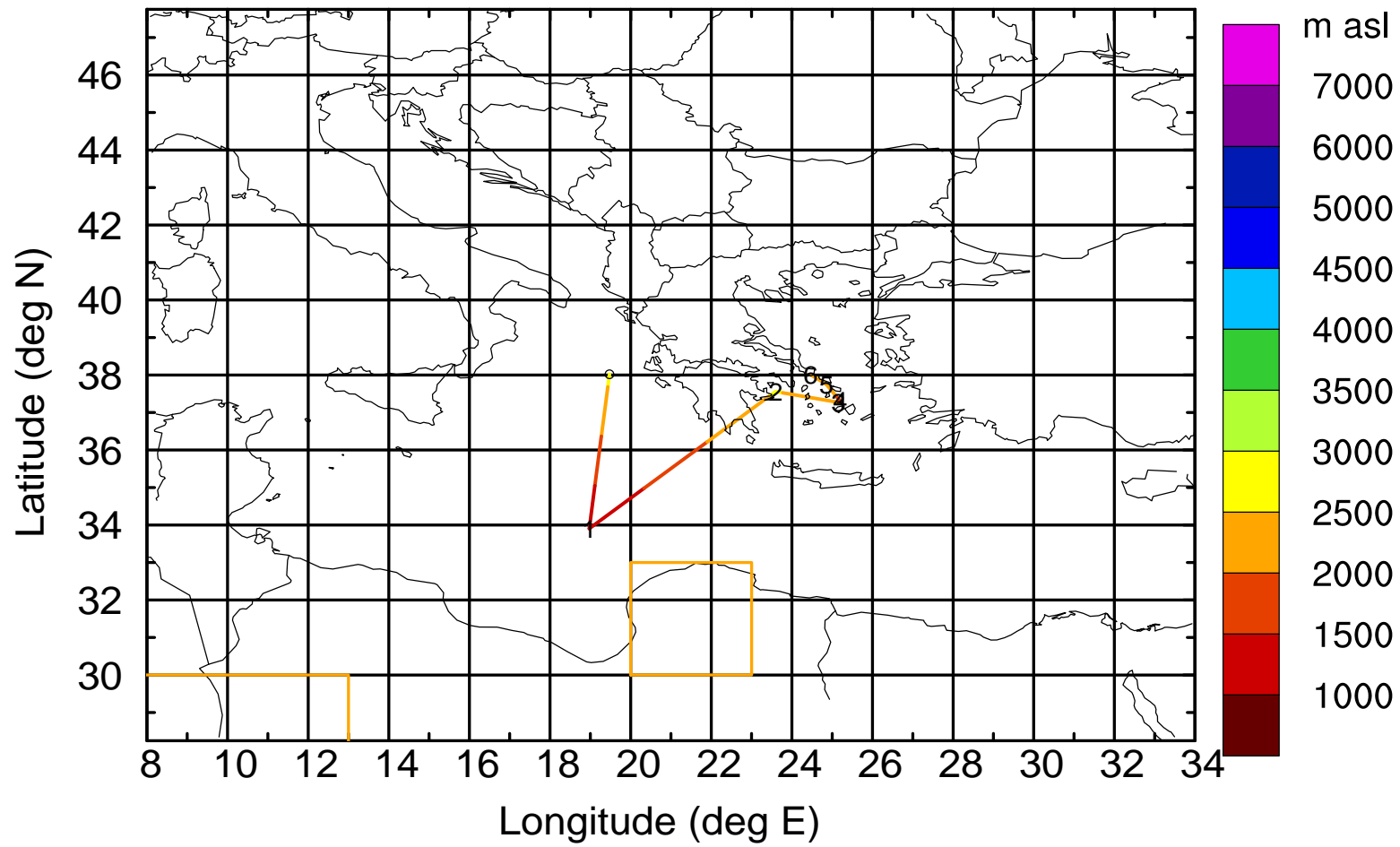
STS ground station 20170417

BWD 20170417/21 -82H = 14/11 UTC



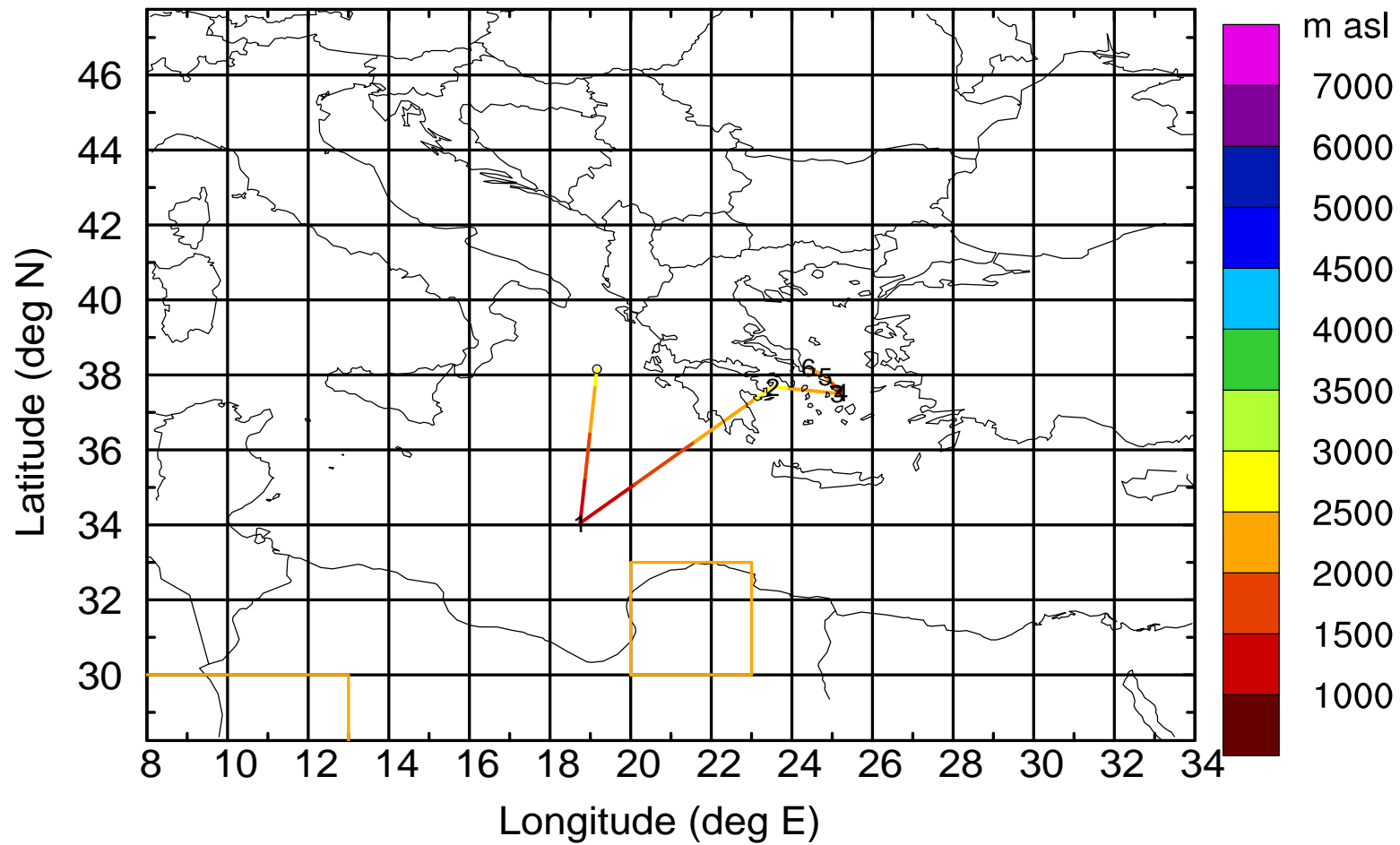
STS ground station 20170417

BWD 20170417/21 -83H = 14/10 UTC



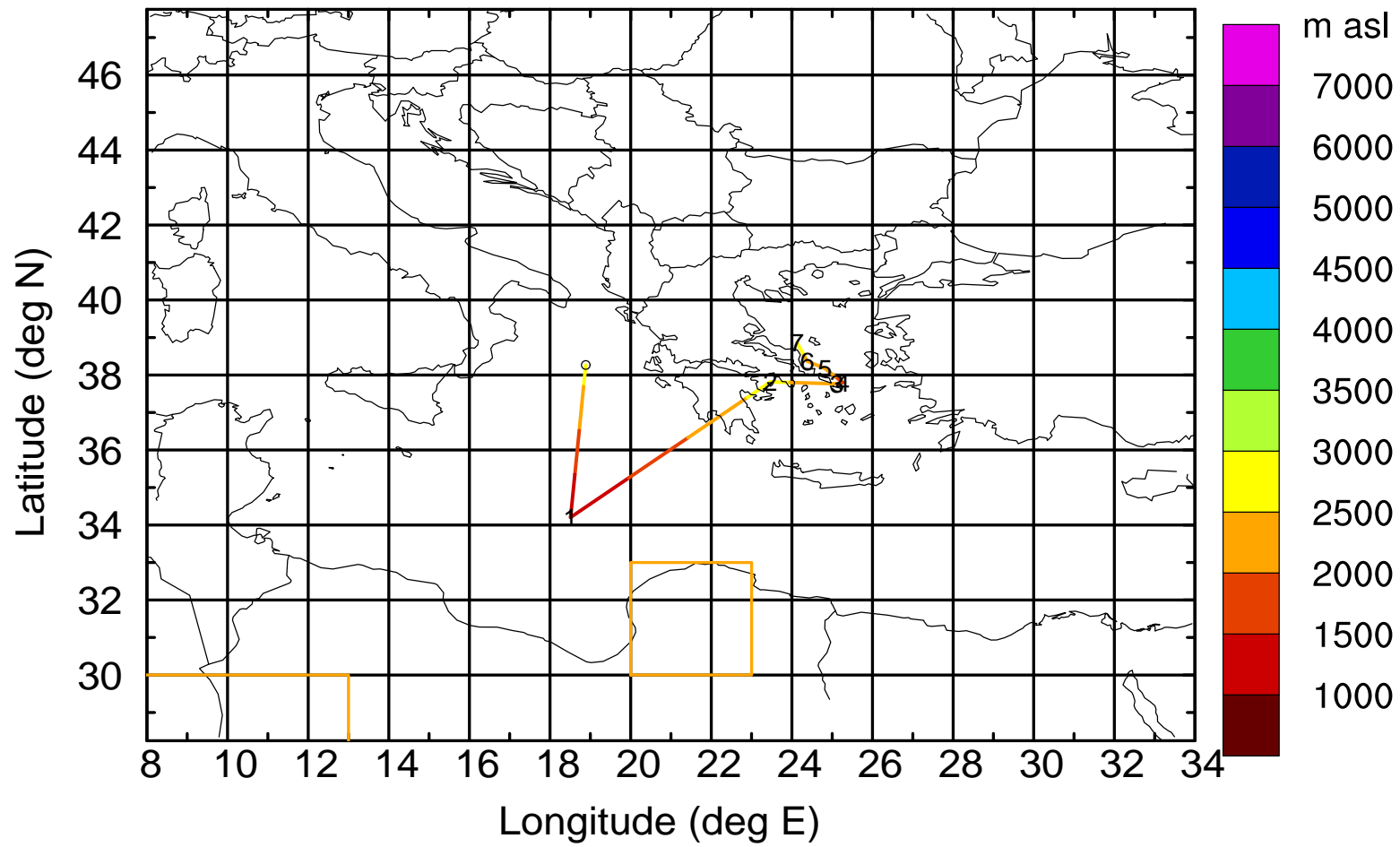
STS ground station 20170417

BWD 20170417/21 -84H = 14/09 UTC



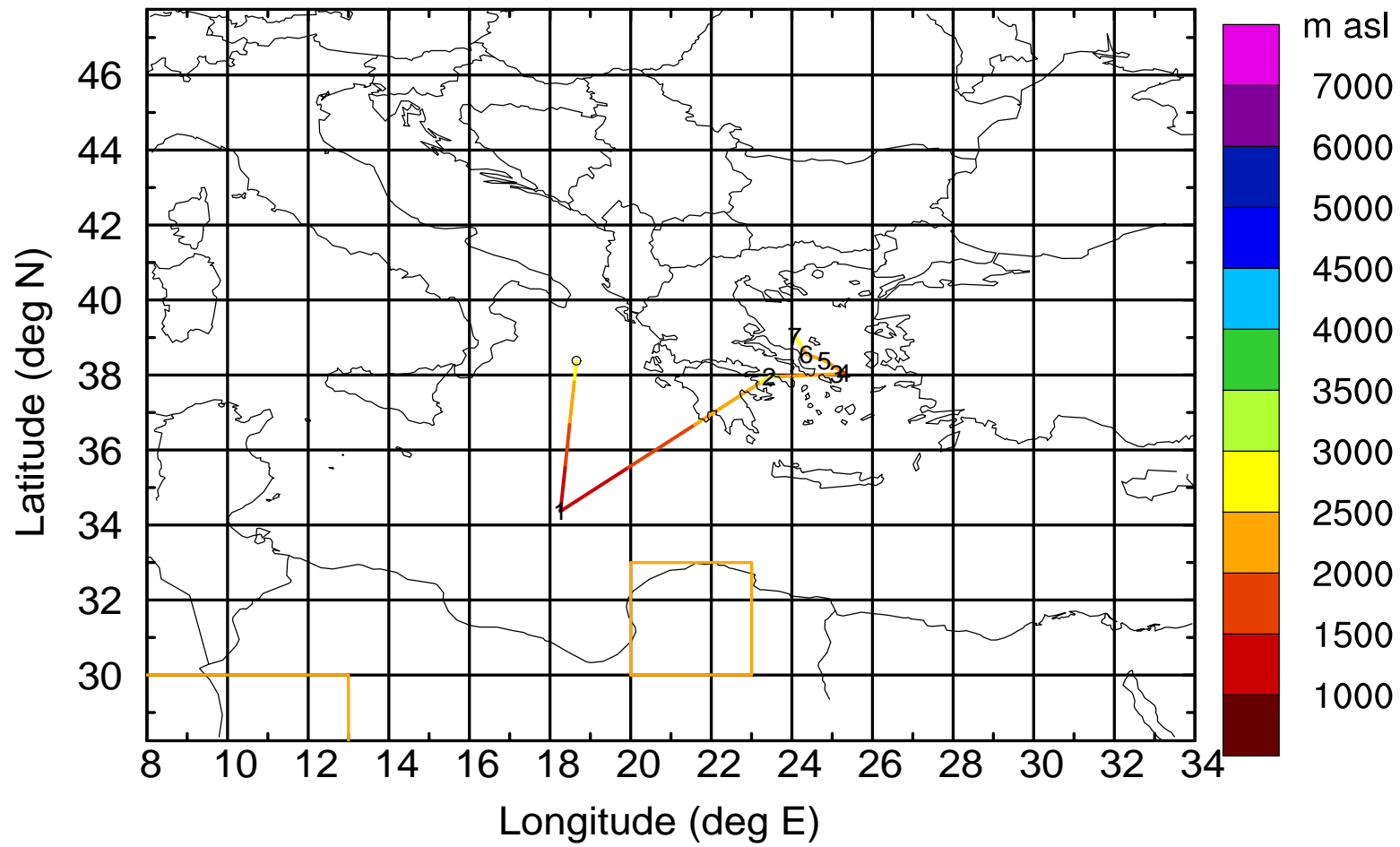
STS ground station 20170417

BWD 20170417/21 -85H = 14/08 UTC



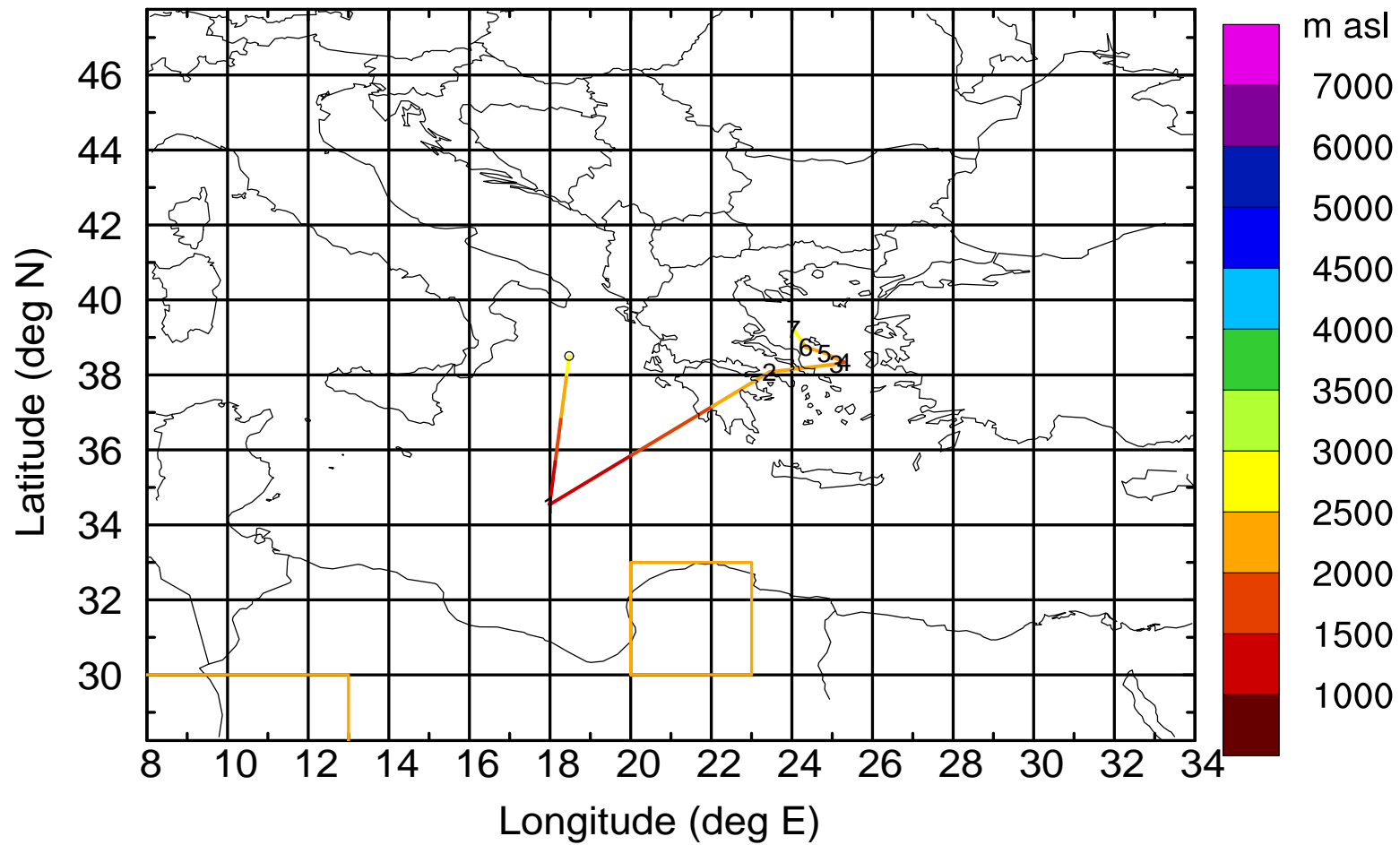
STS ground station 20170417

BWD 20170417/21 -86H = 14/07 UTC



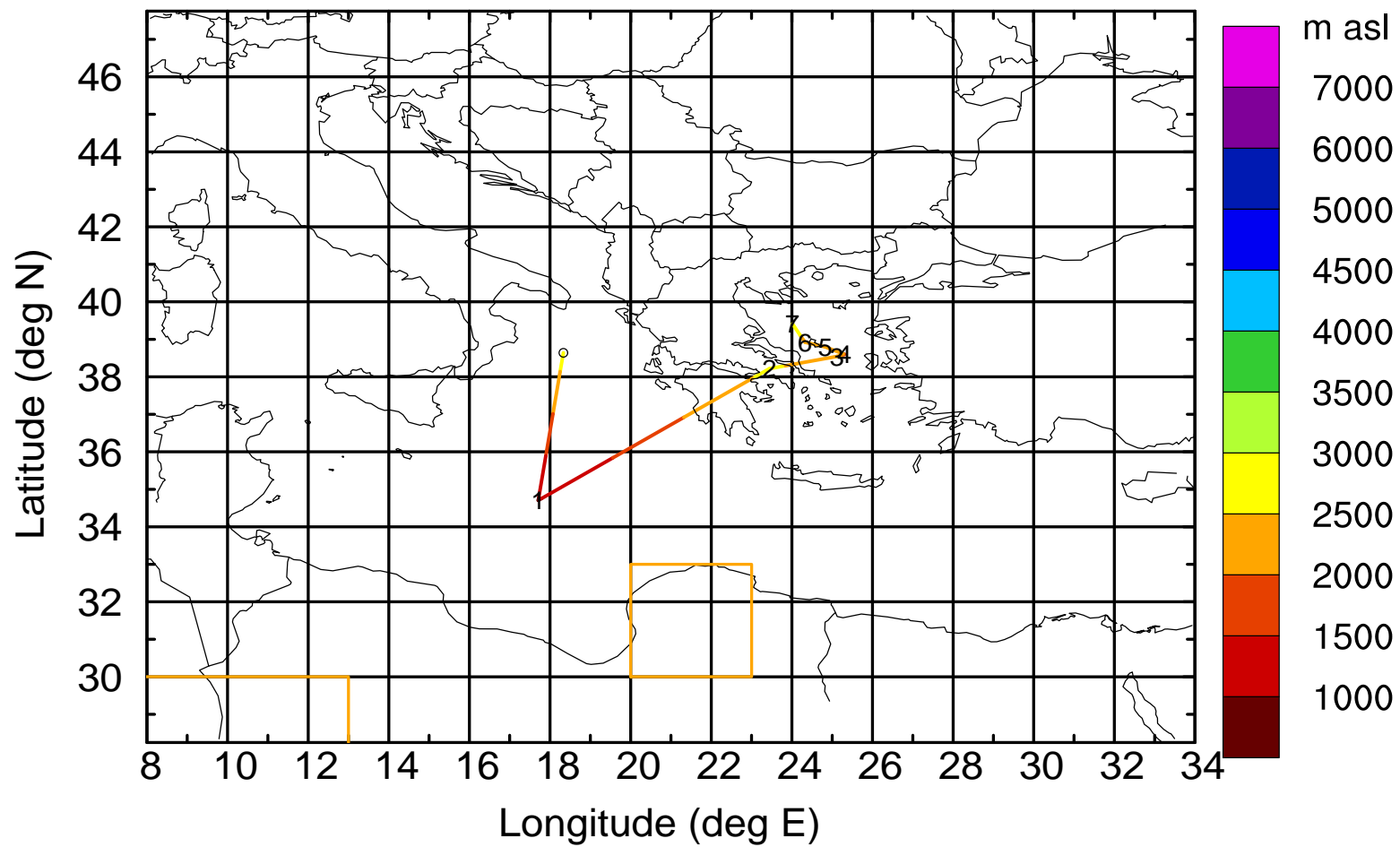
STS ground station 20170417

BWD 20170417/21 -87H = 14/06 UTC



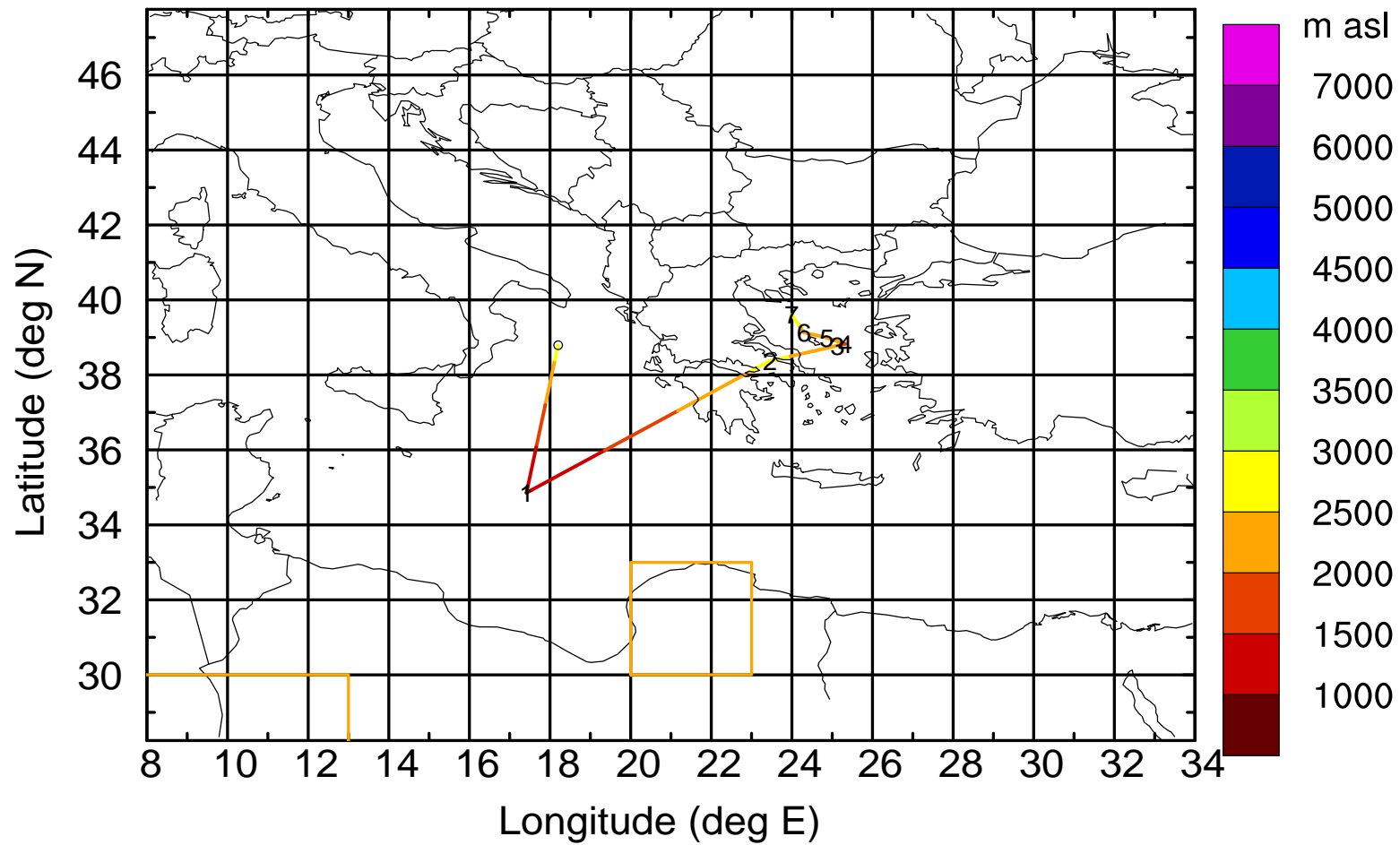
STS ground station 20170417

BWD 20170417/21 -88H = 14/05 UTC



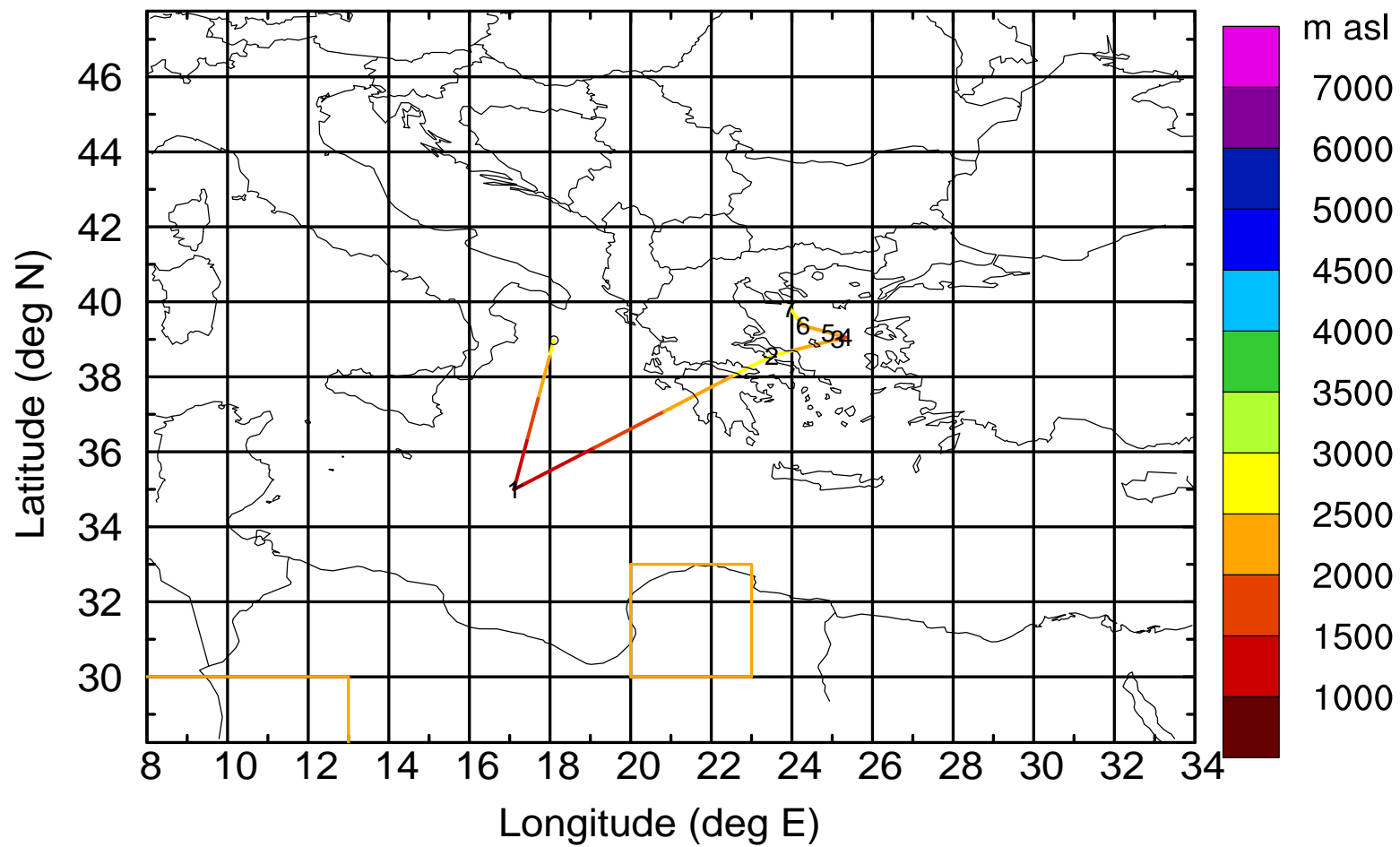
STS ground station 20170417

BWD 20170417/21 -89H = 14/04 UTC



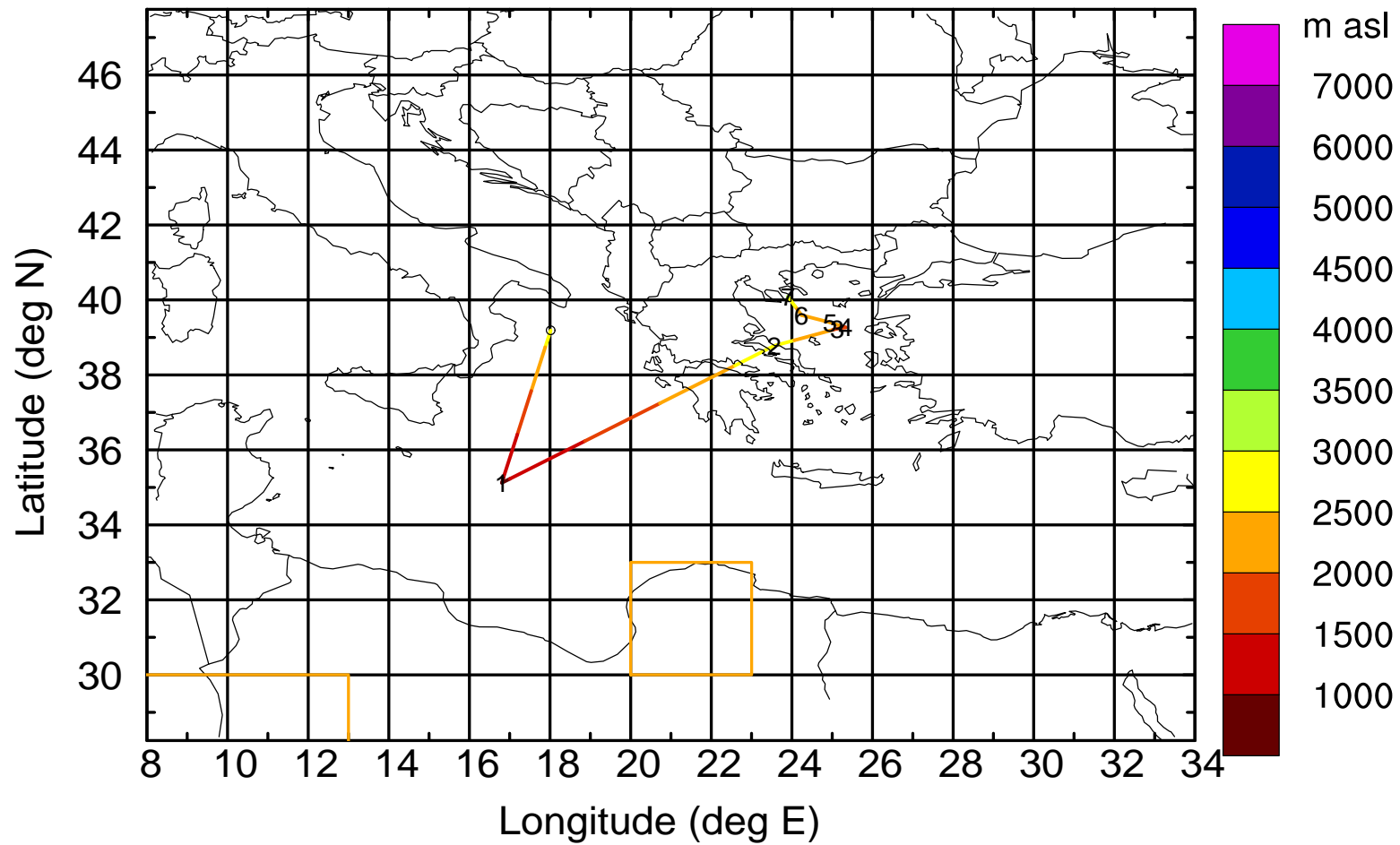
STS ground station 20170417

BWD 20170417/21 -90H = 14/03 UTC



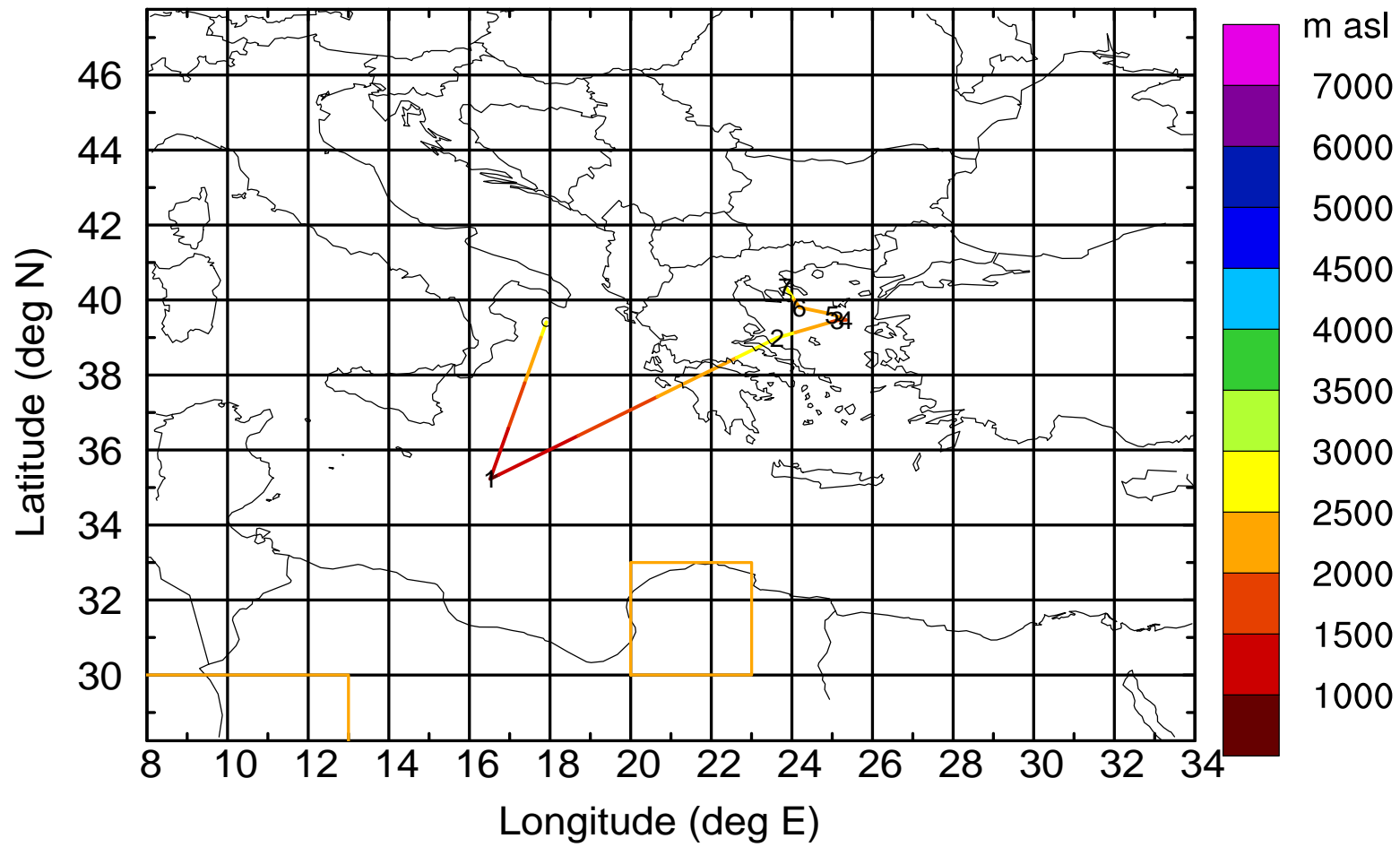
STS ground station 20170417

BWD 20170417/21 -91H = 14/02 UTC



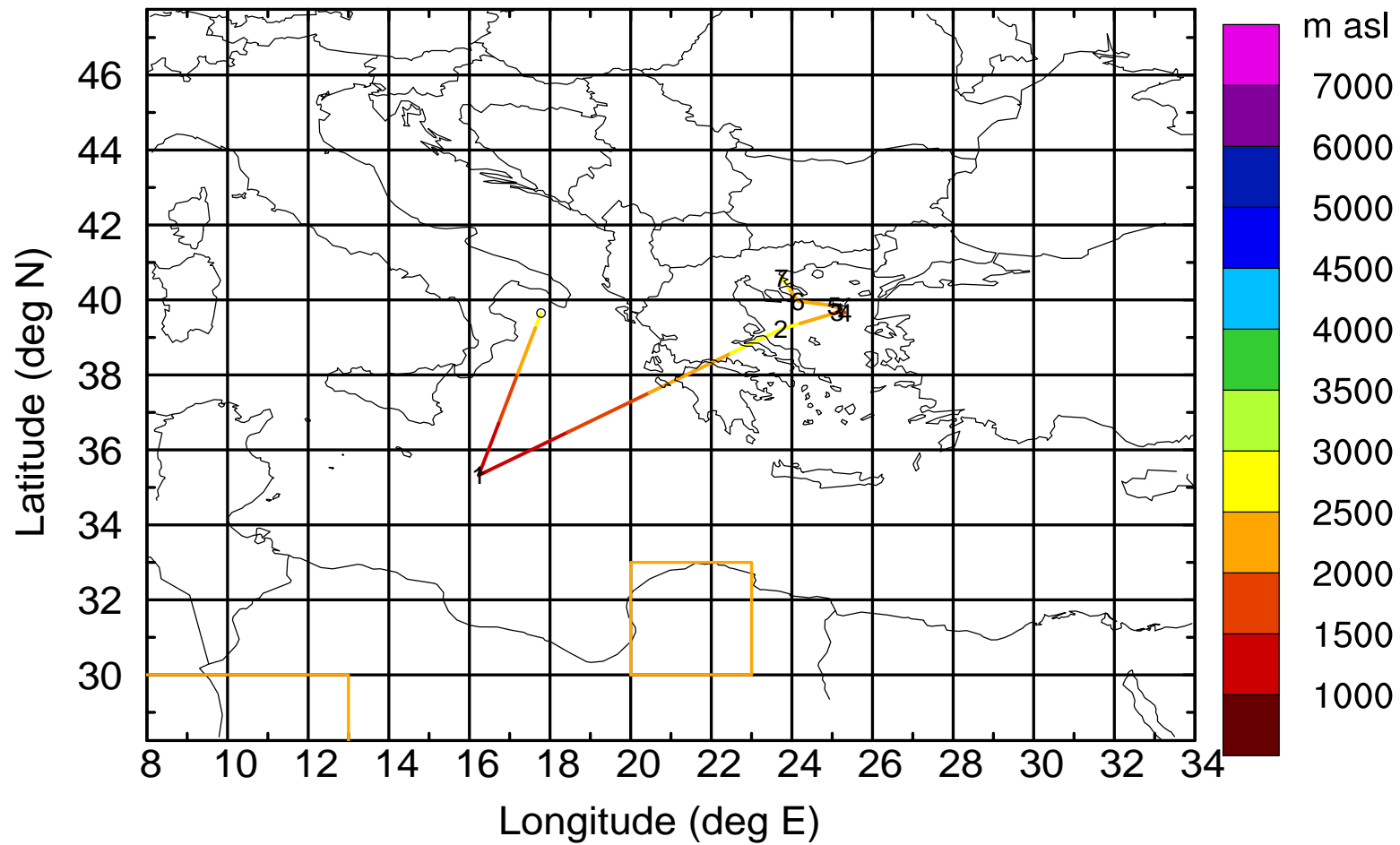
STS ground station 20170417

BWD 20170417/21 -92H = 14/01 UTC



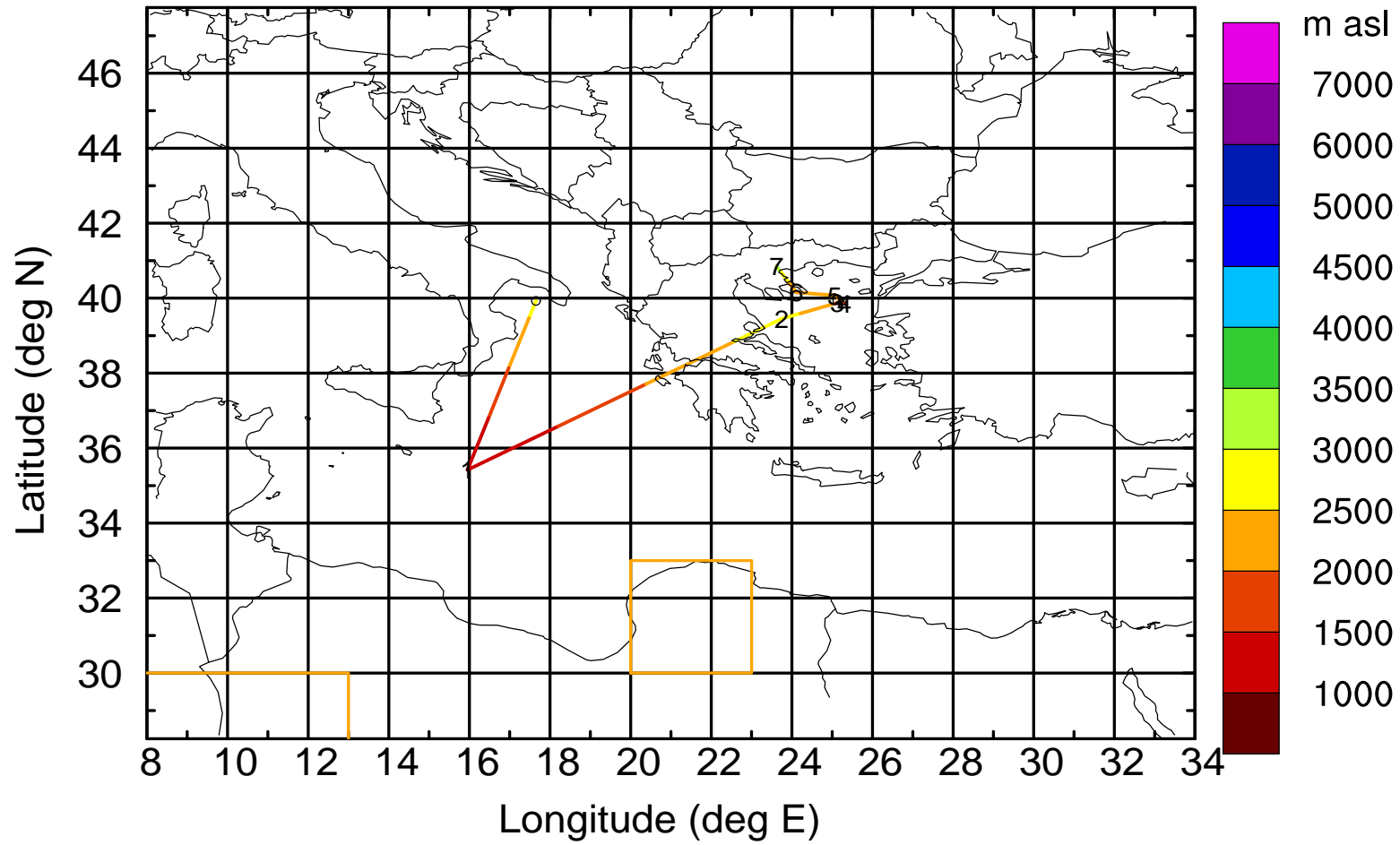
STS ground station 20170417

BWD 20170417/21 -93H = 14/00 UTC



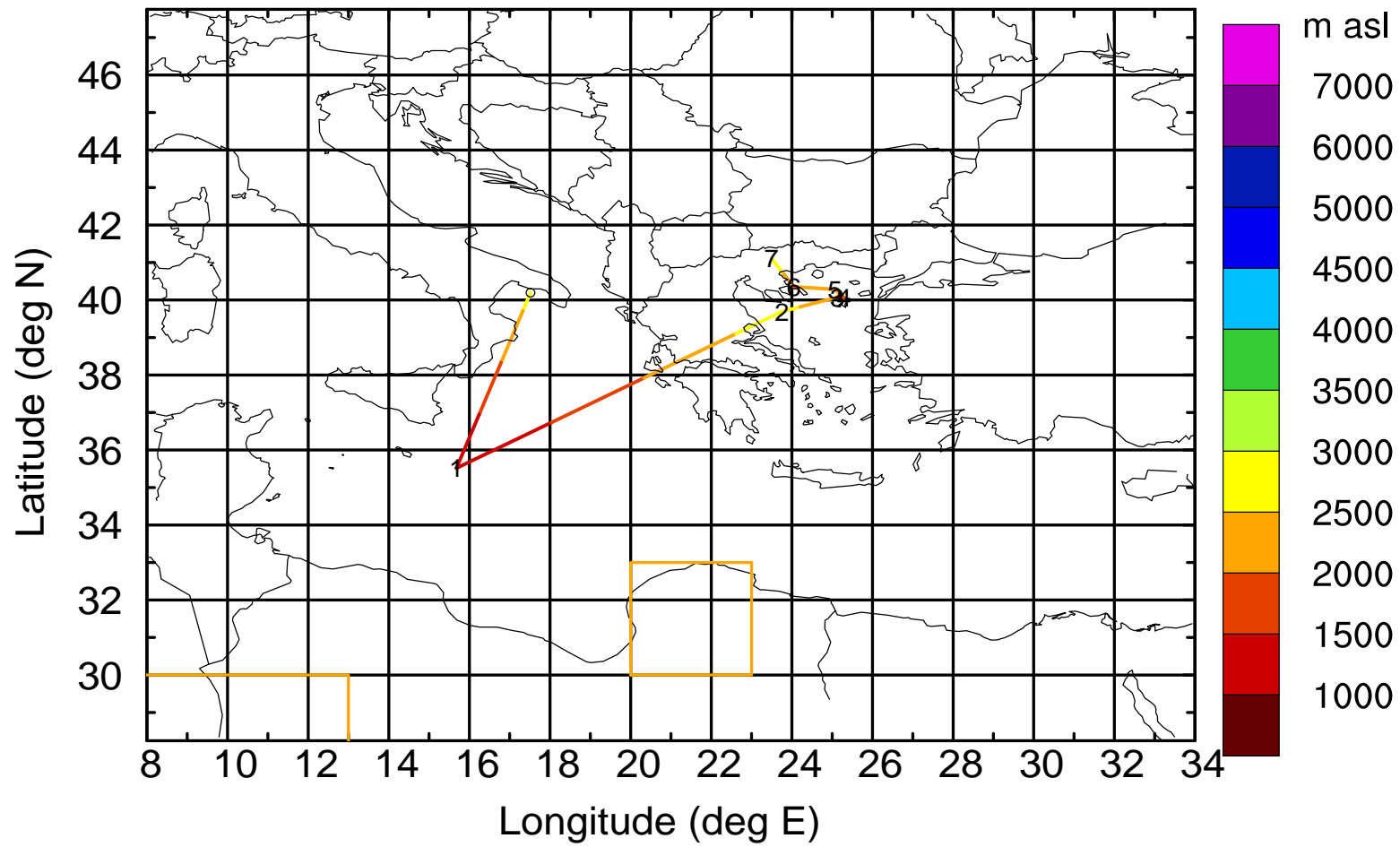
STS ground station 20170417

BWD 20170417/21 -94H = 13/23 UTC



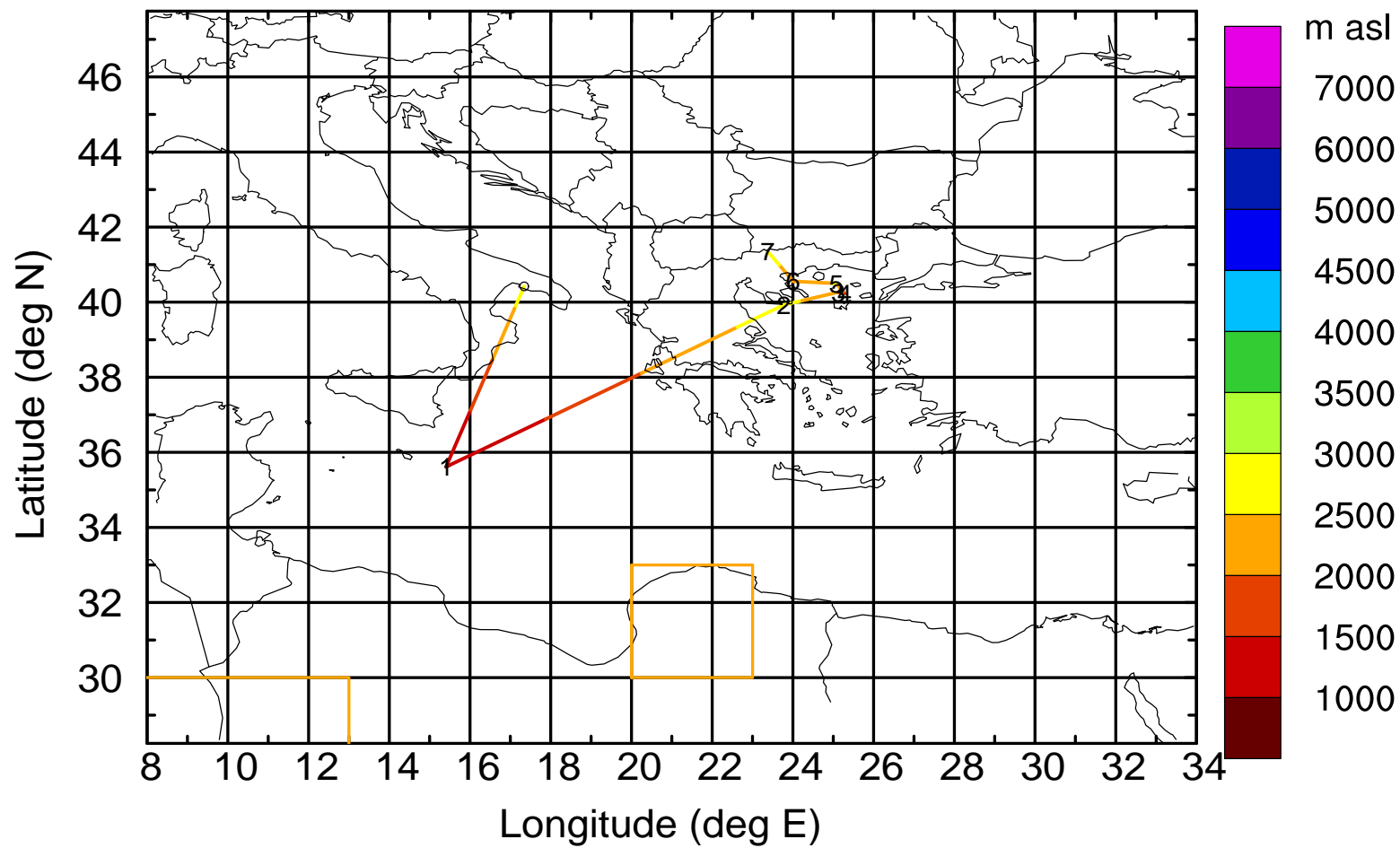
STS ground station 20170417

BWD 20170417/21 -95H = 13/22 UTC



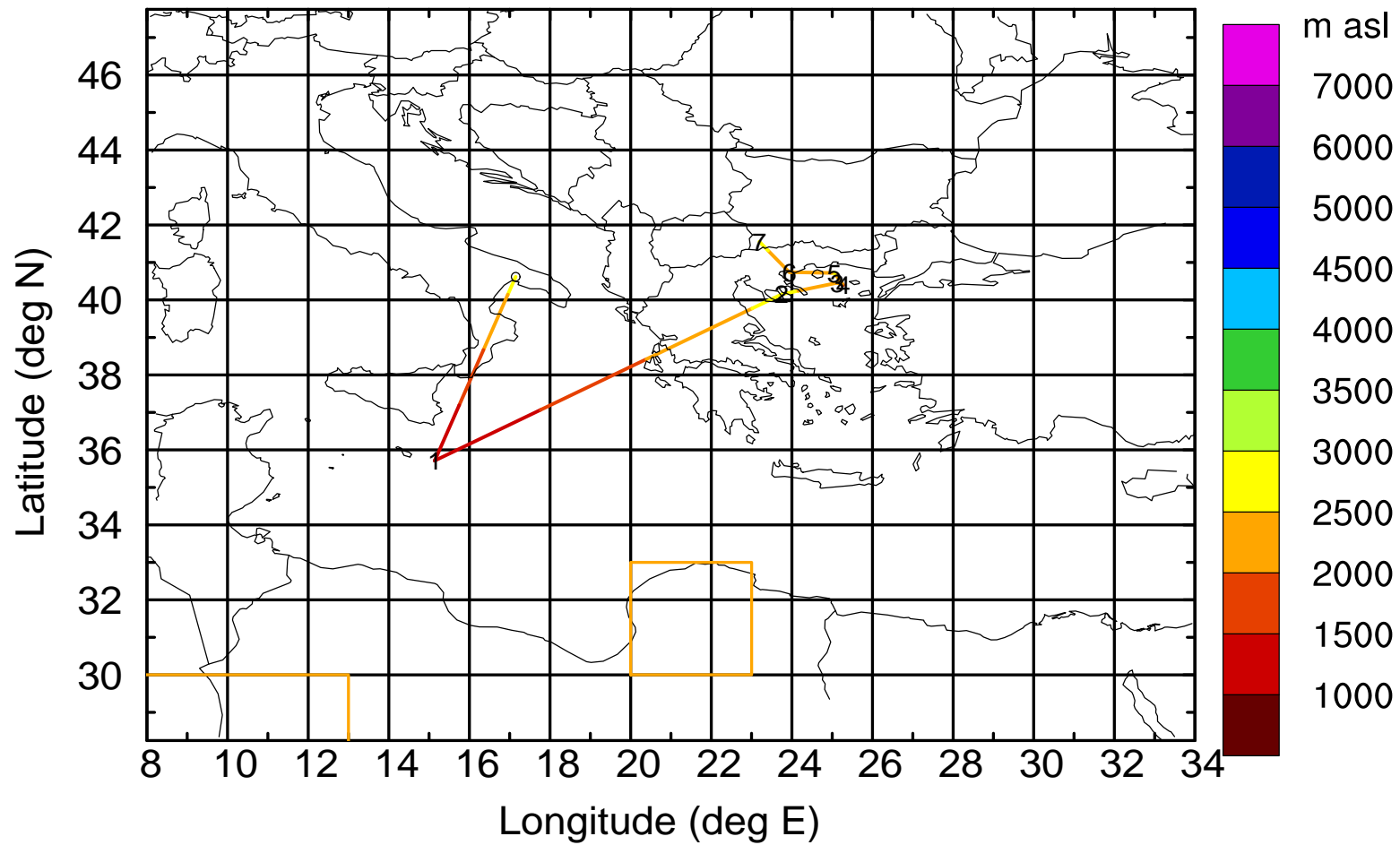
STS ground station 20170417

BWD 20170417/21 -96H = 13/21 UTC



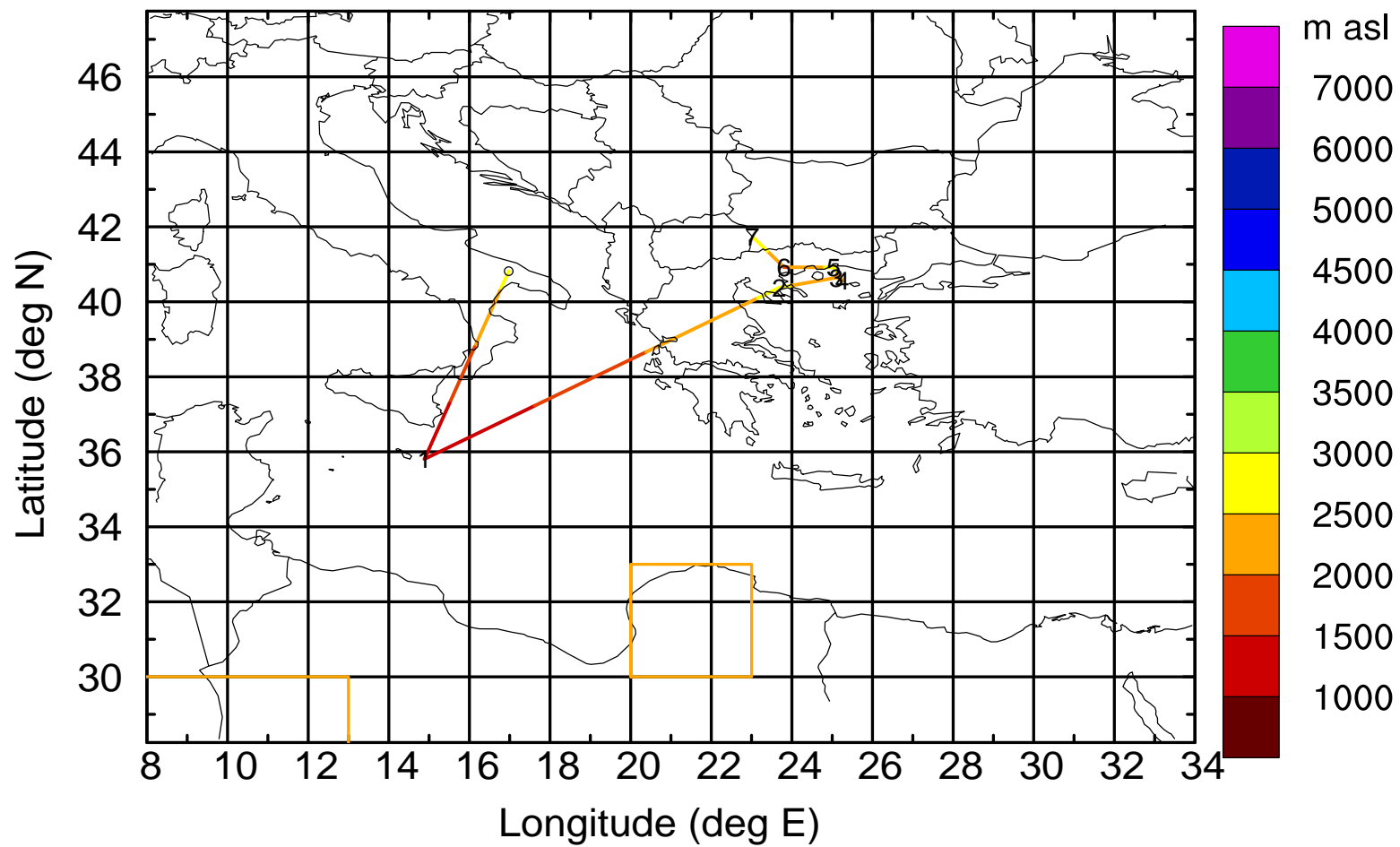
STS ground station 20170417

BWD 20170417/21 -97H = 13/20 UTC



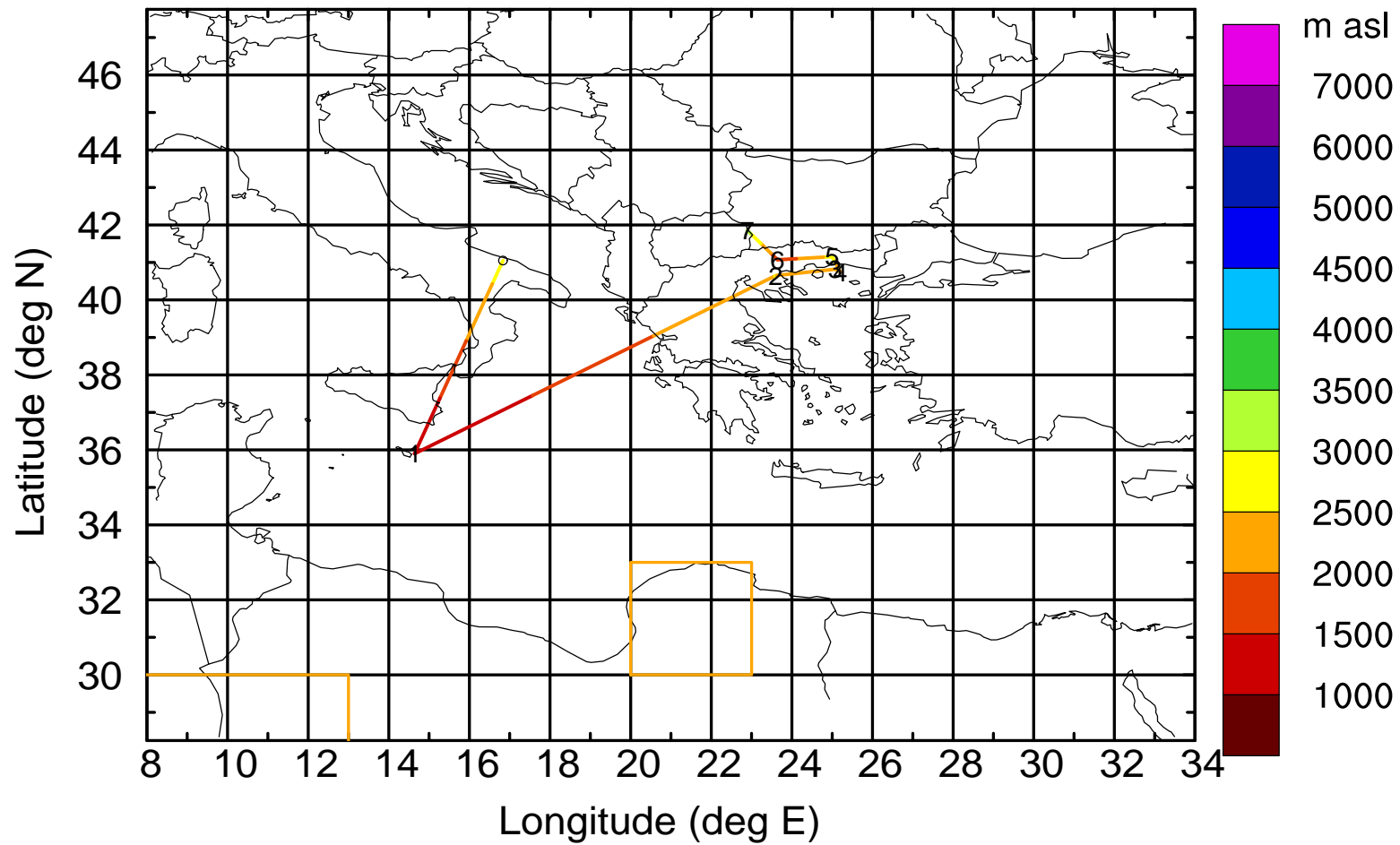
STS ground station 20170417

BWD 20170417/21 -98H = 13/19 UTC



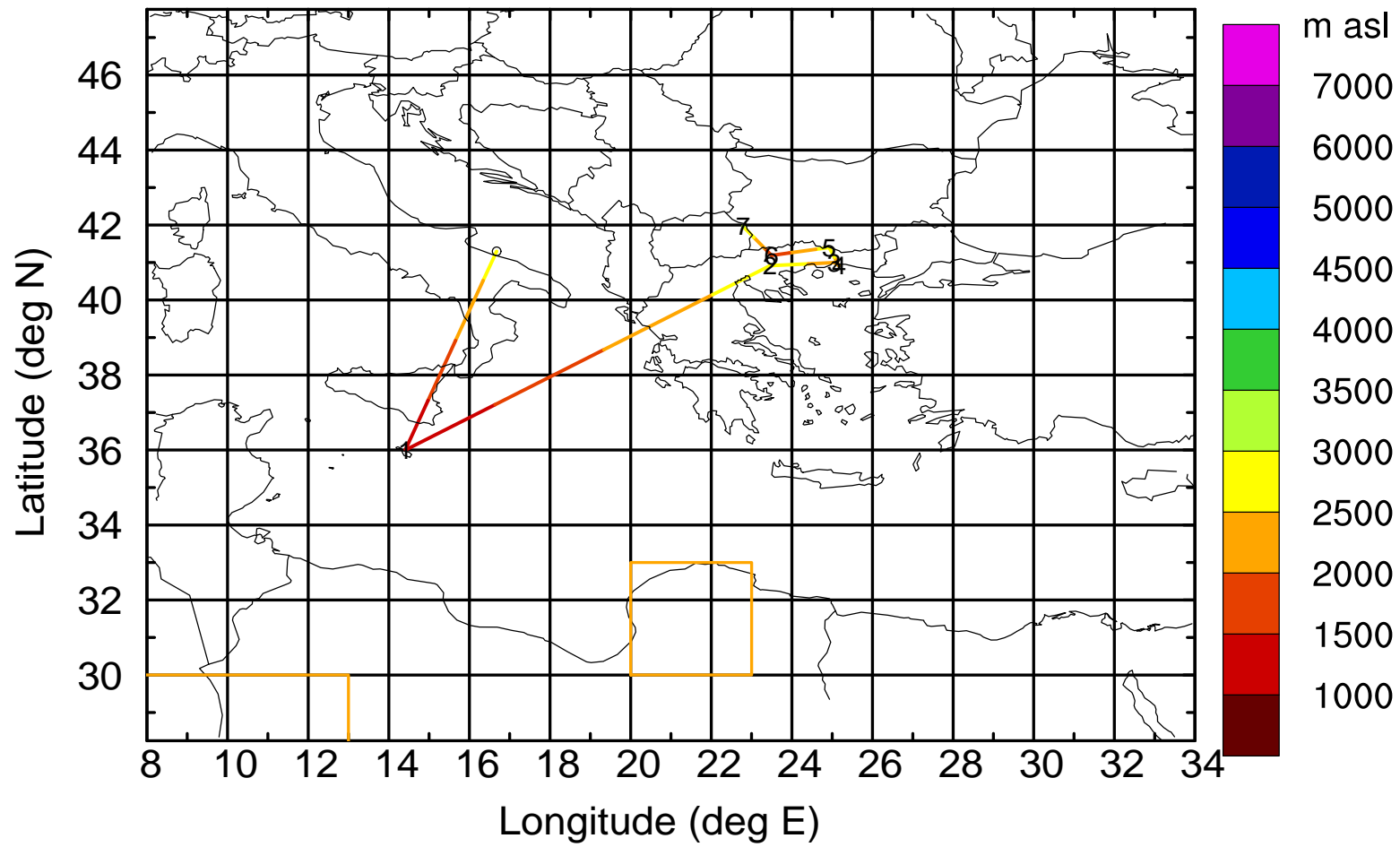
STS ground station 20170417

BWD 20170417/21 -99H = 13/18 UTC



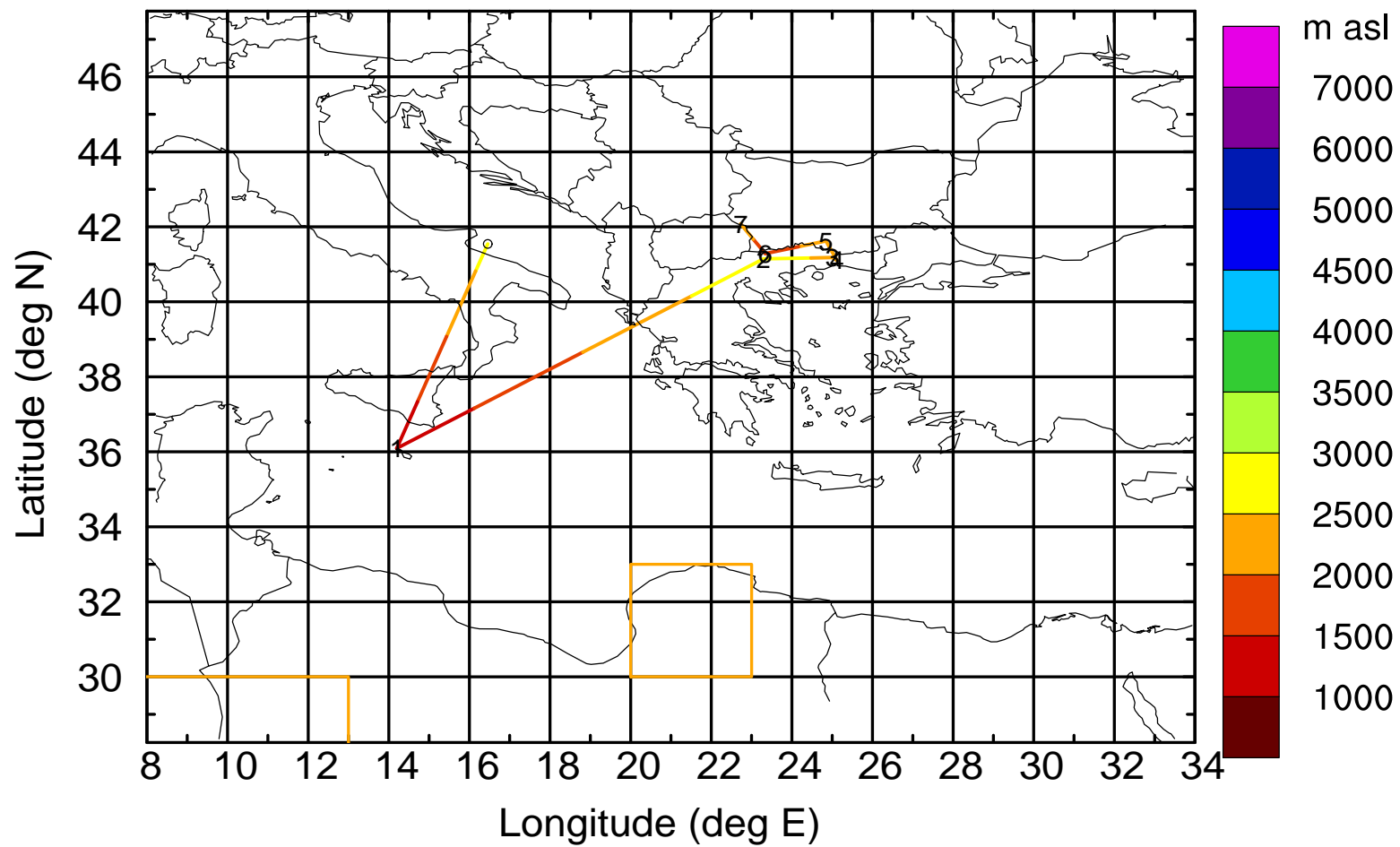
STS ground station 20170417

BWD 20170417/21-100H = 13/17 UTC



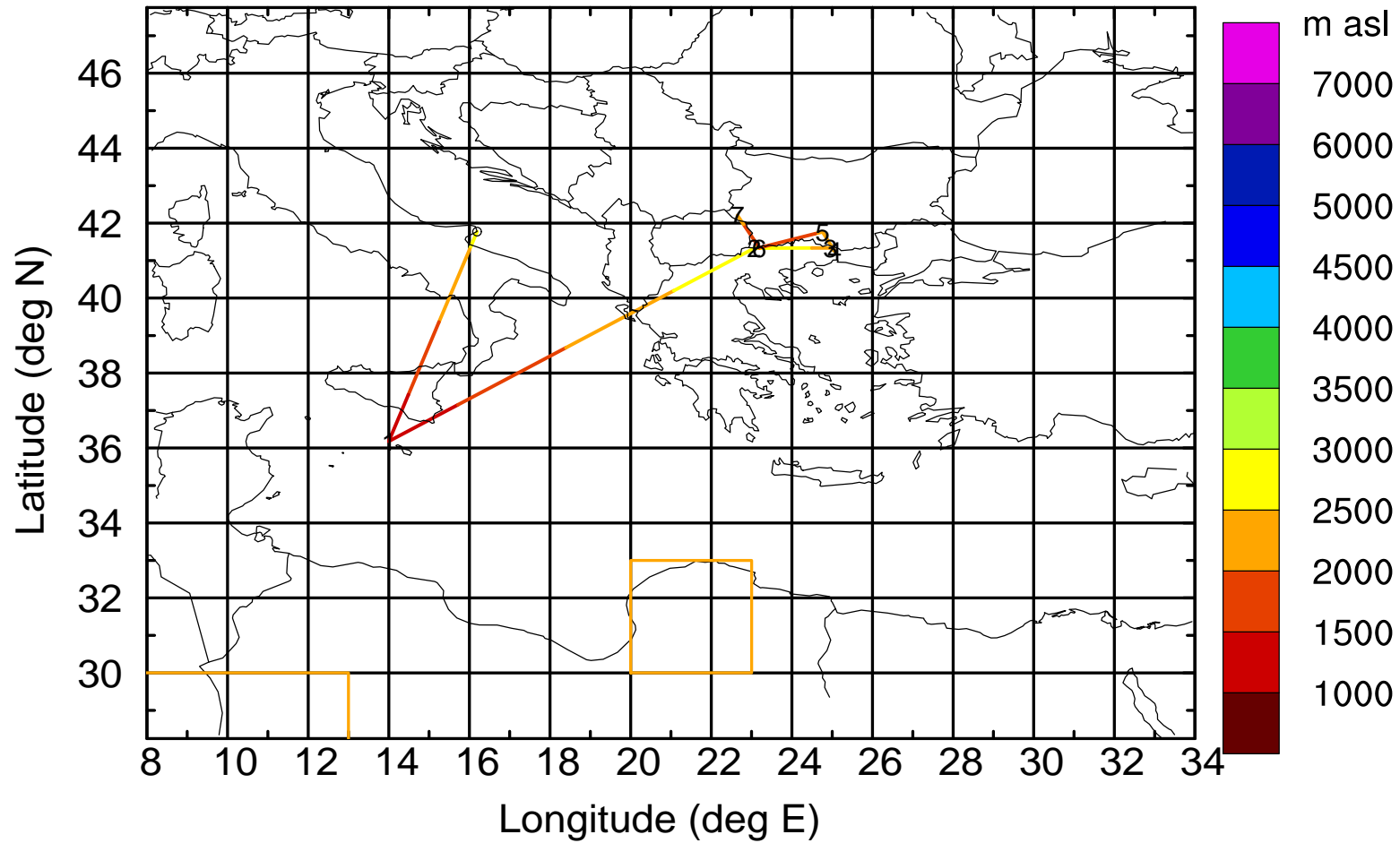
STS ground station 20170417

BWD 20170417/21-101H = 13/16 UTC



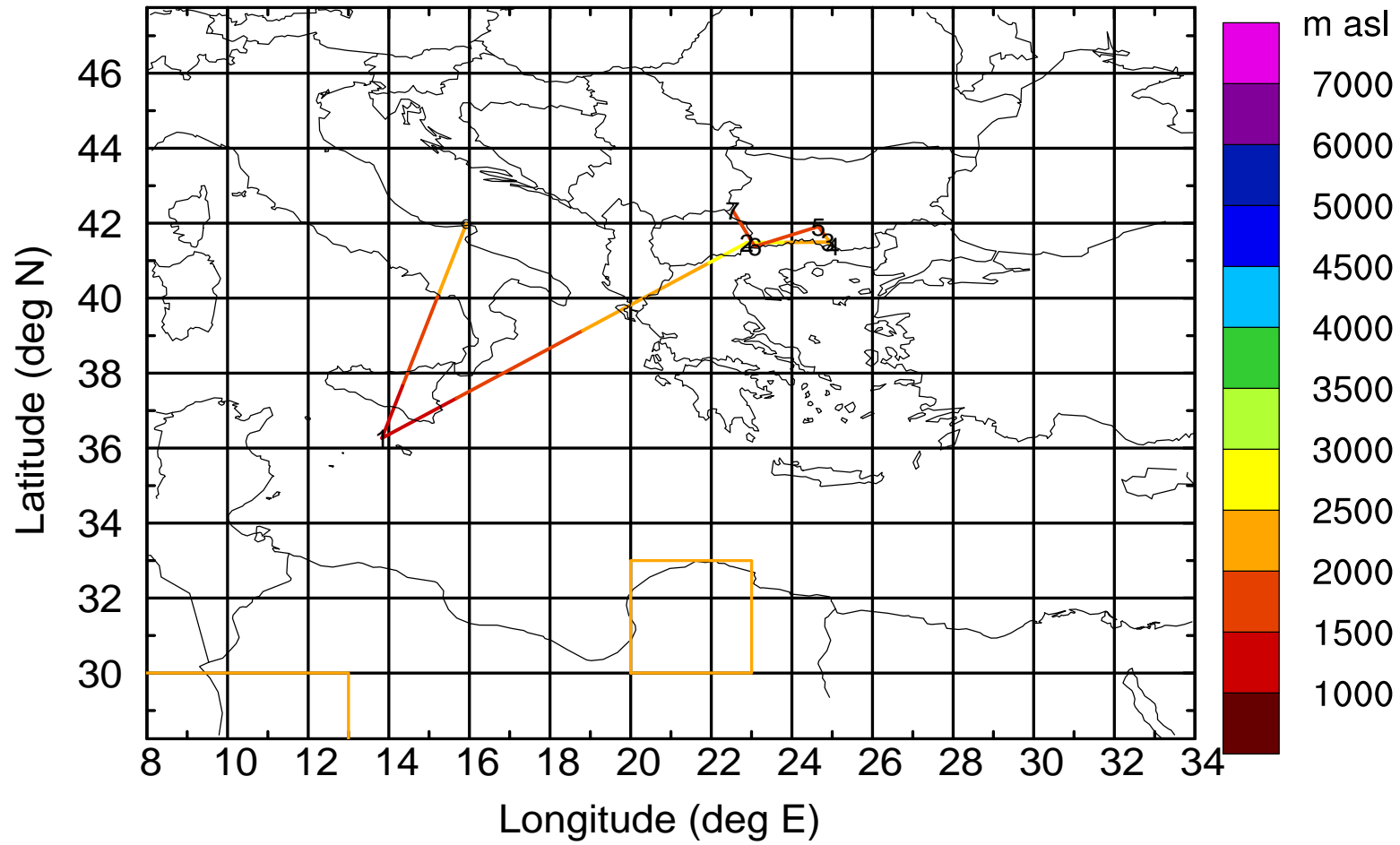
STS ground station 20170417

BWD 20170417/21-102H = 13/15 UTC



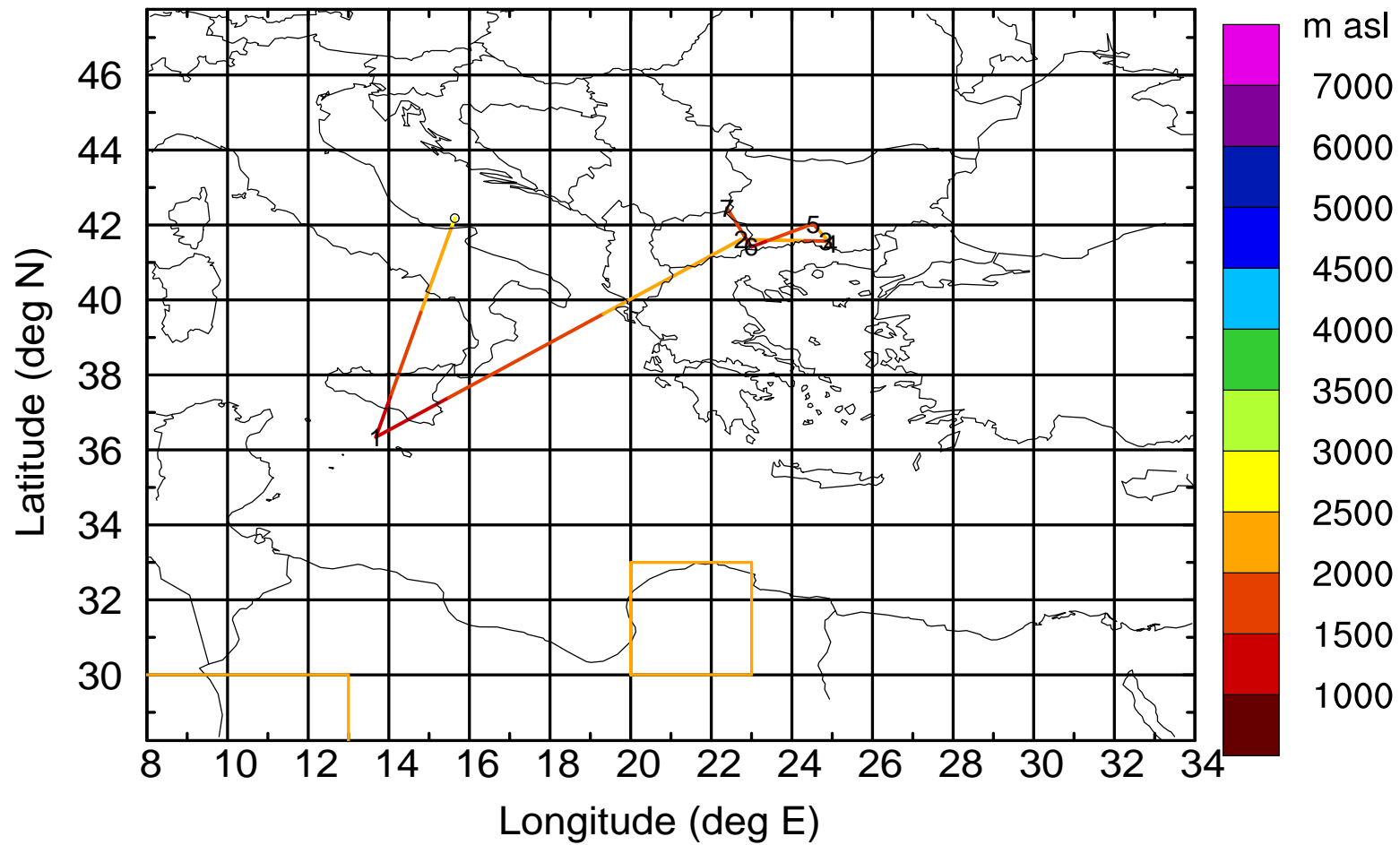
STS ground station 20170417

BWD 20170417/21-103H = 13/14 UTC



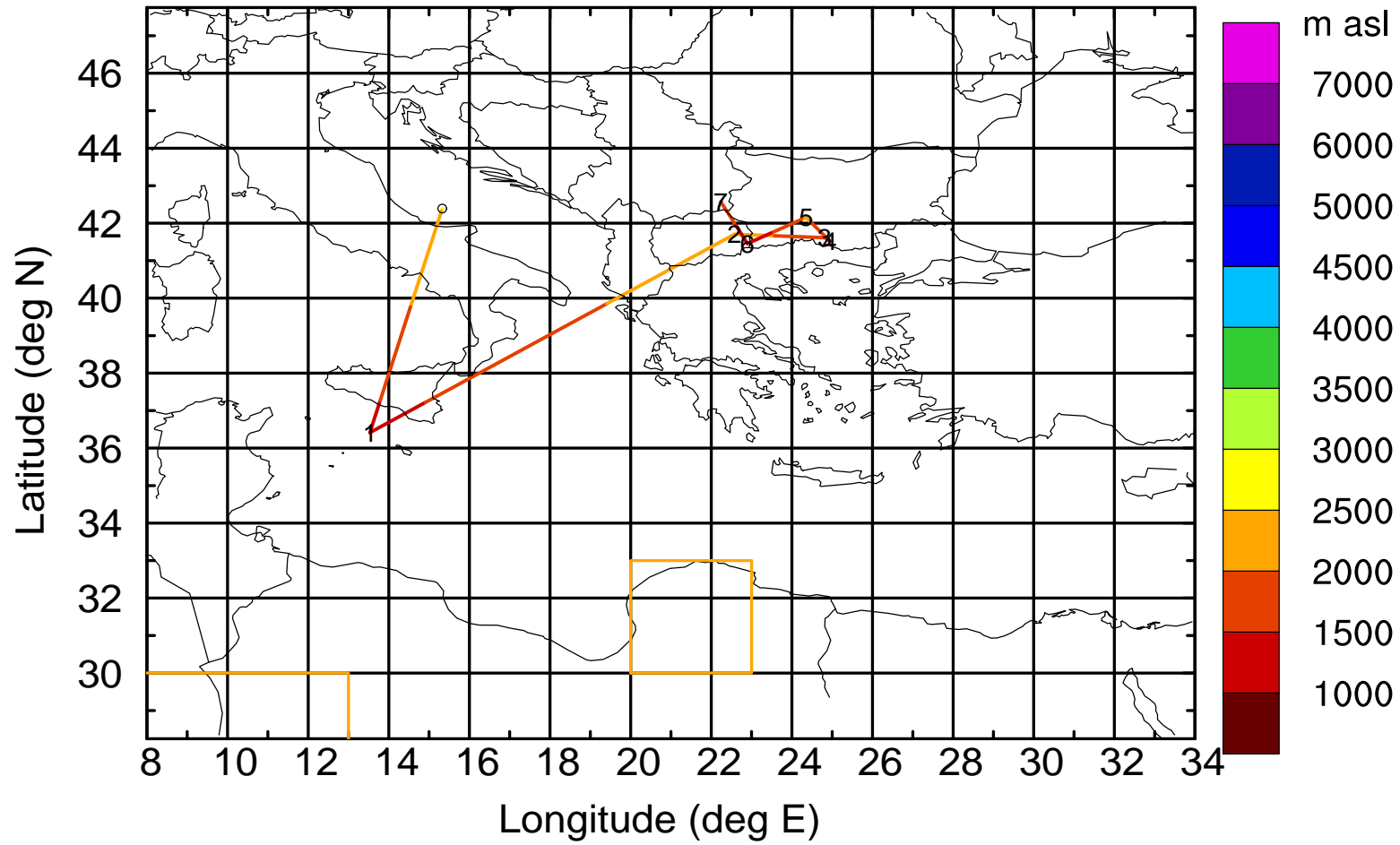
STS ground station 20170417

BWD 20170417/21-104H = 13/13 UTC



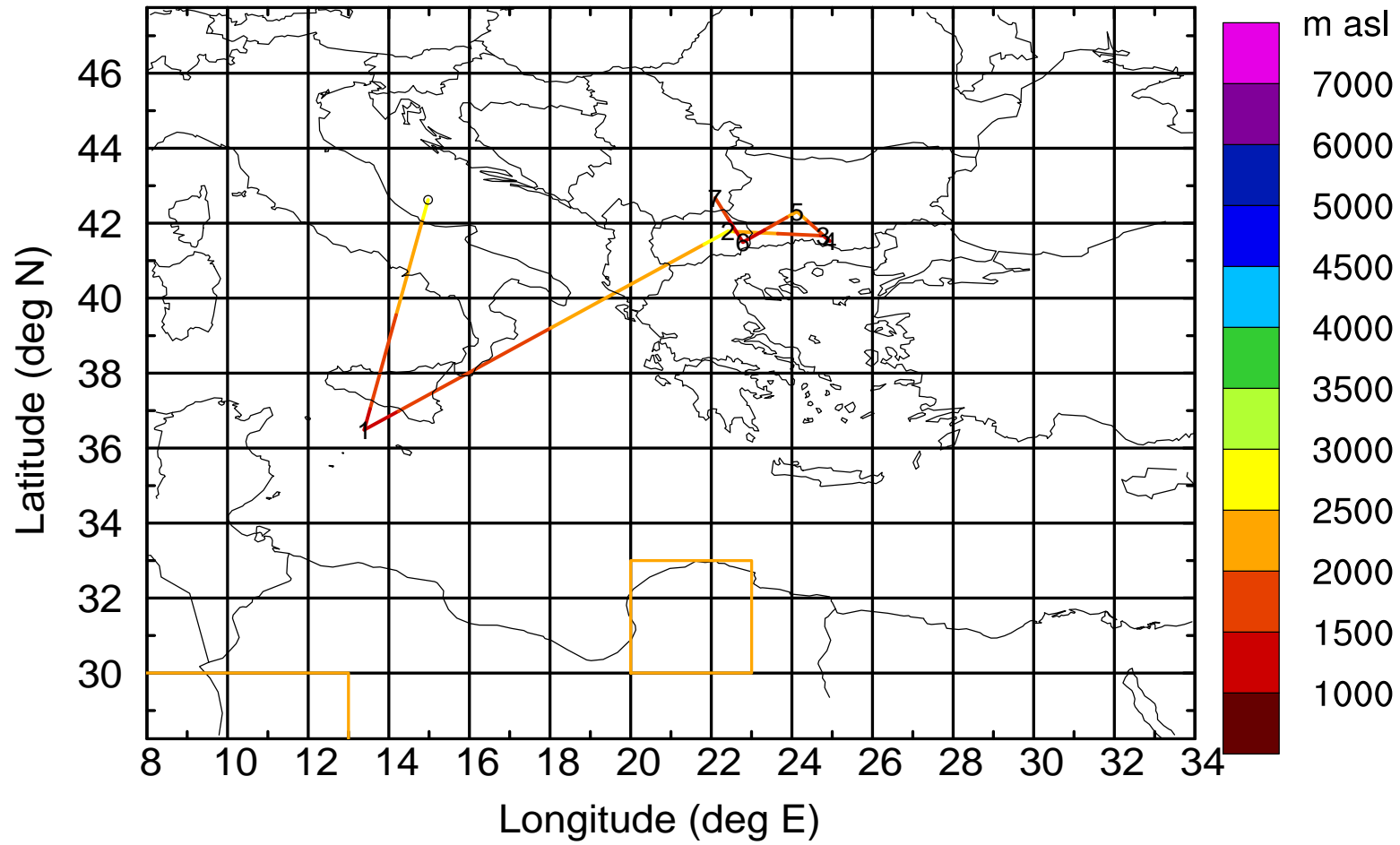
STS ground station 20170417

BWD 20170417/21-105H = 13/12 UTC



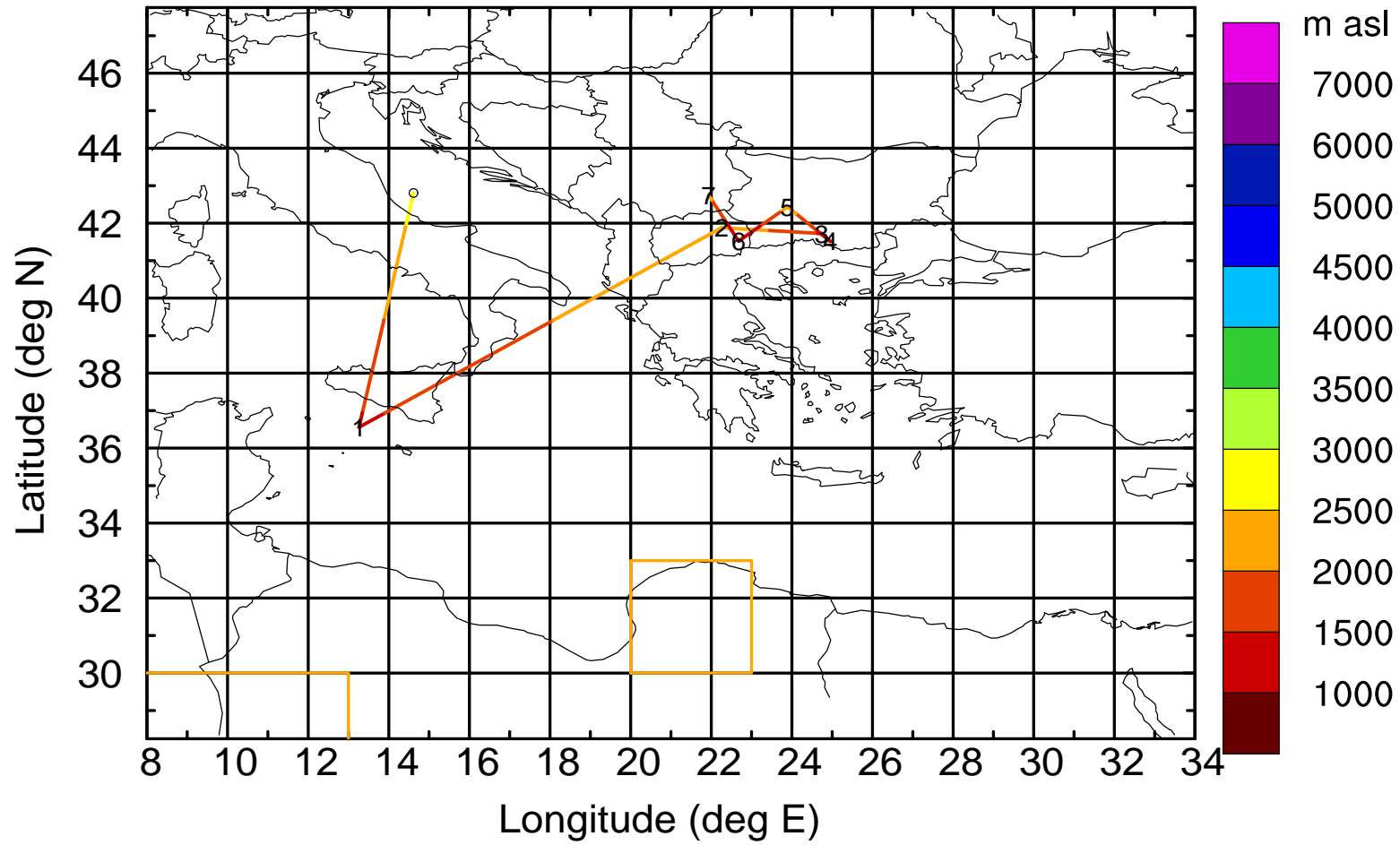
STS ground station 20170417

BWD 20170417/21-106H = 13/11 UTC



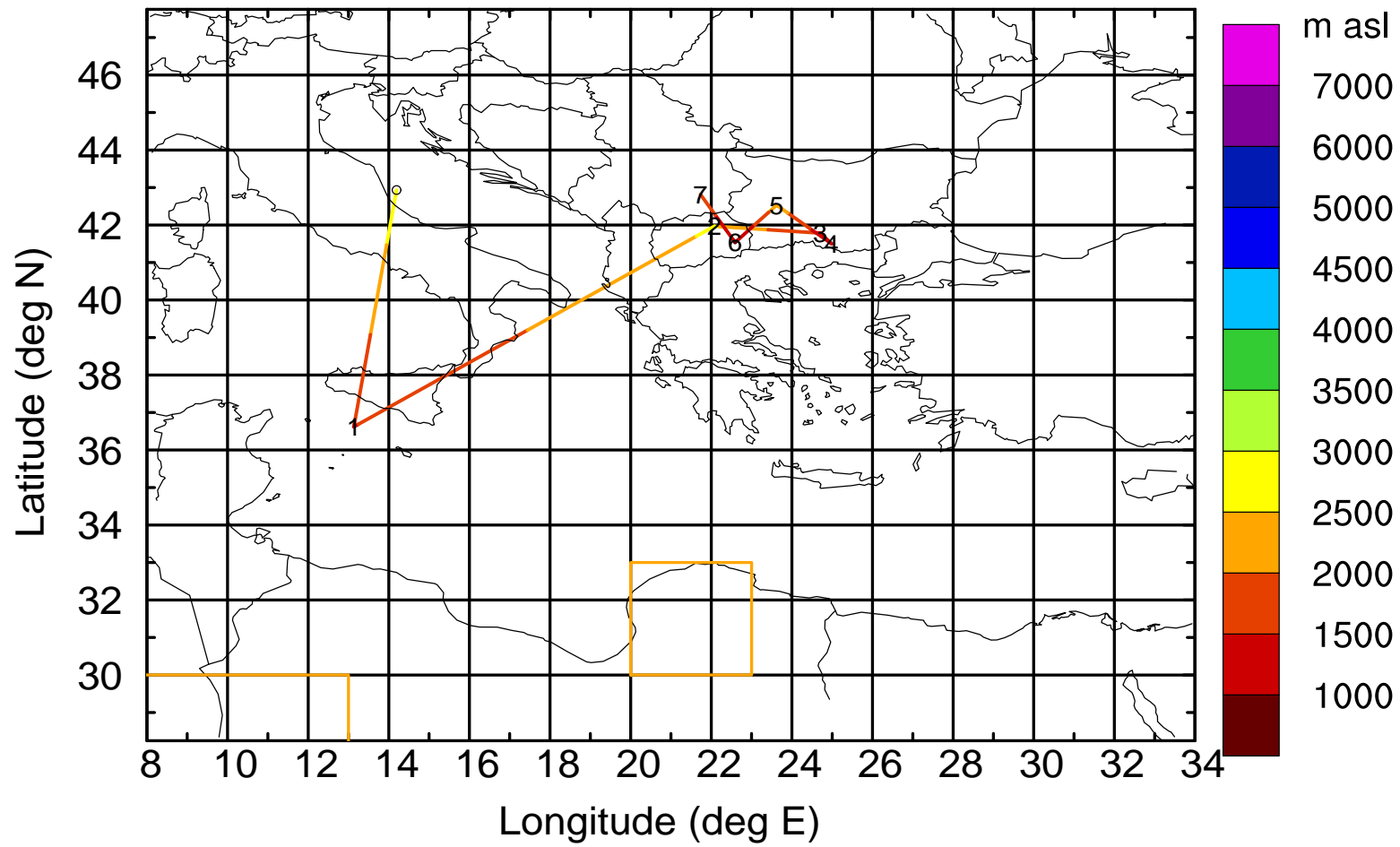
STS ground station 20170417

BWD 20170417/21-107H = 13/10 UTC



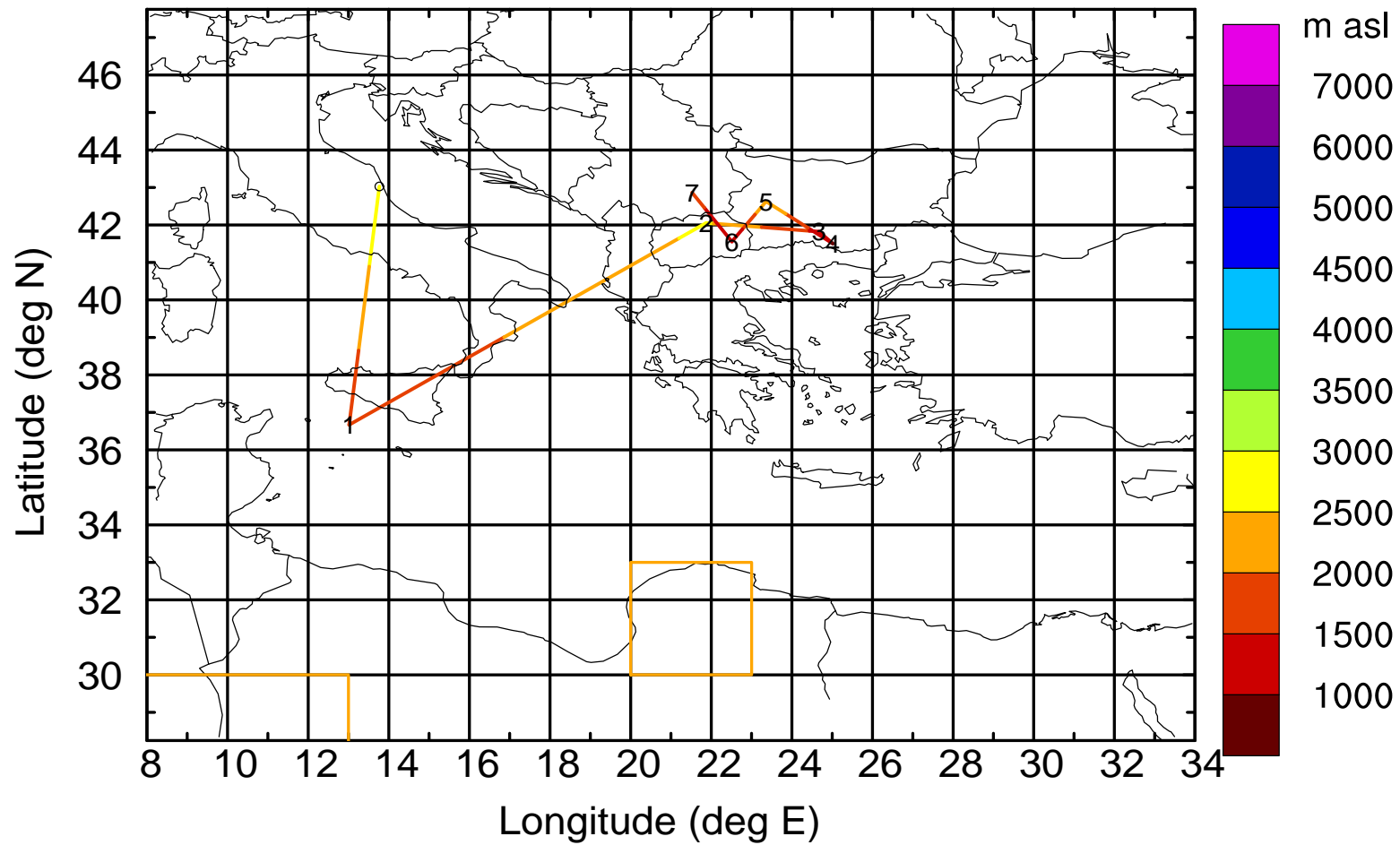
STS ground station 20170417

BWD 20170417/21-108H = 13/09 UTC



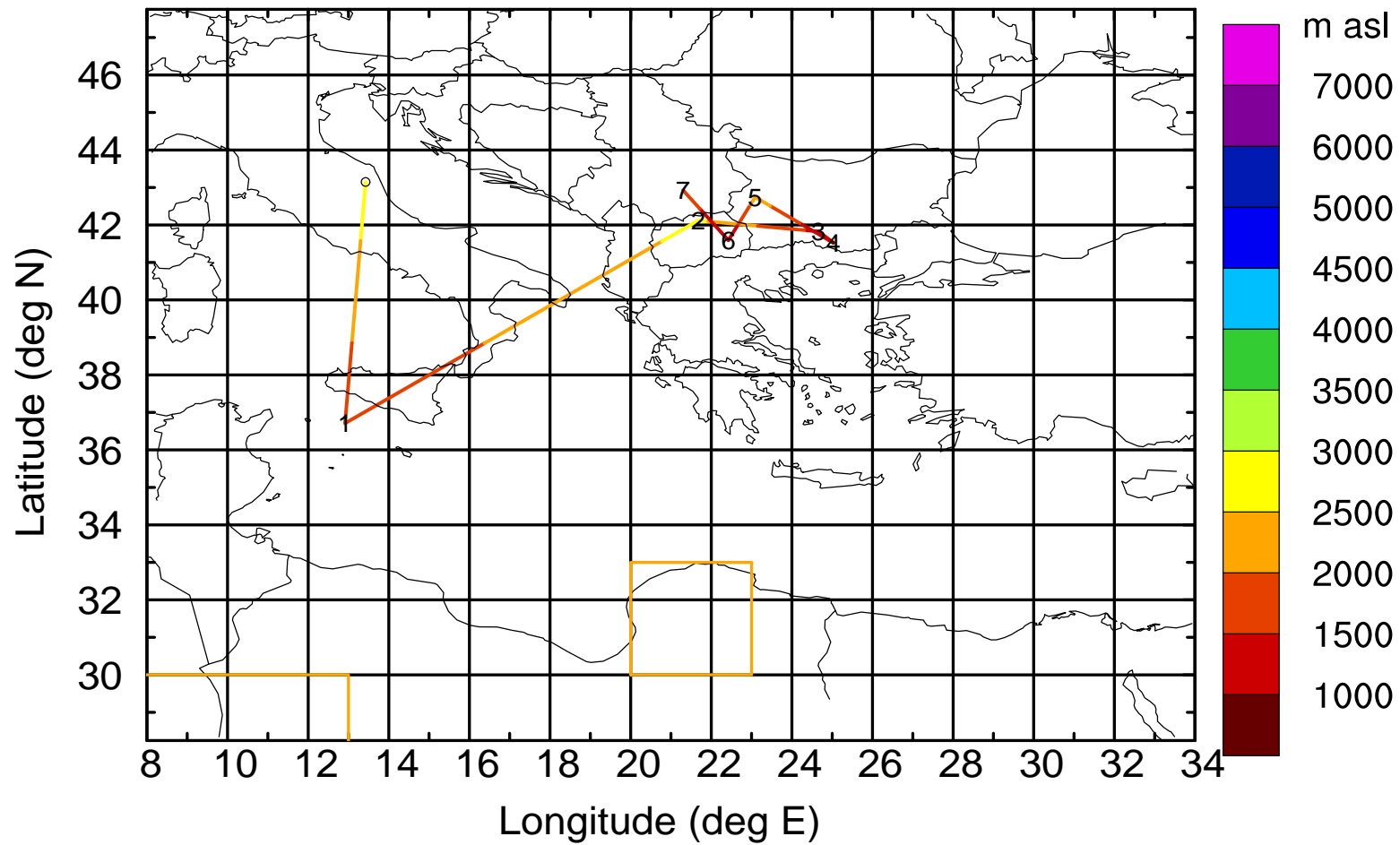
STS ground station 20170417

BWD 20170417/21-109H = 13/08 UTC



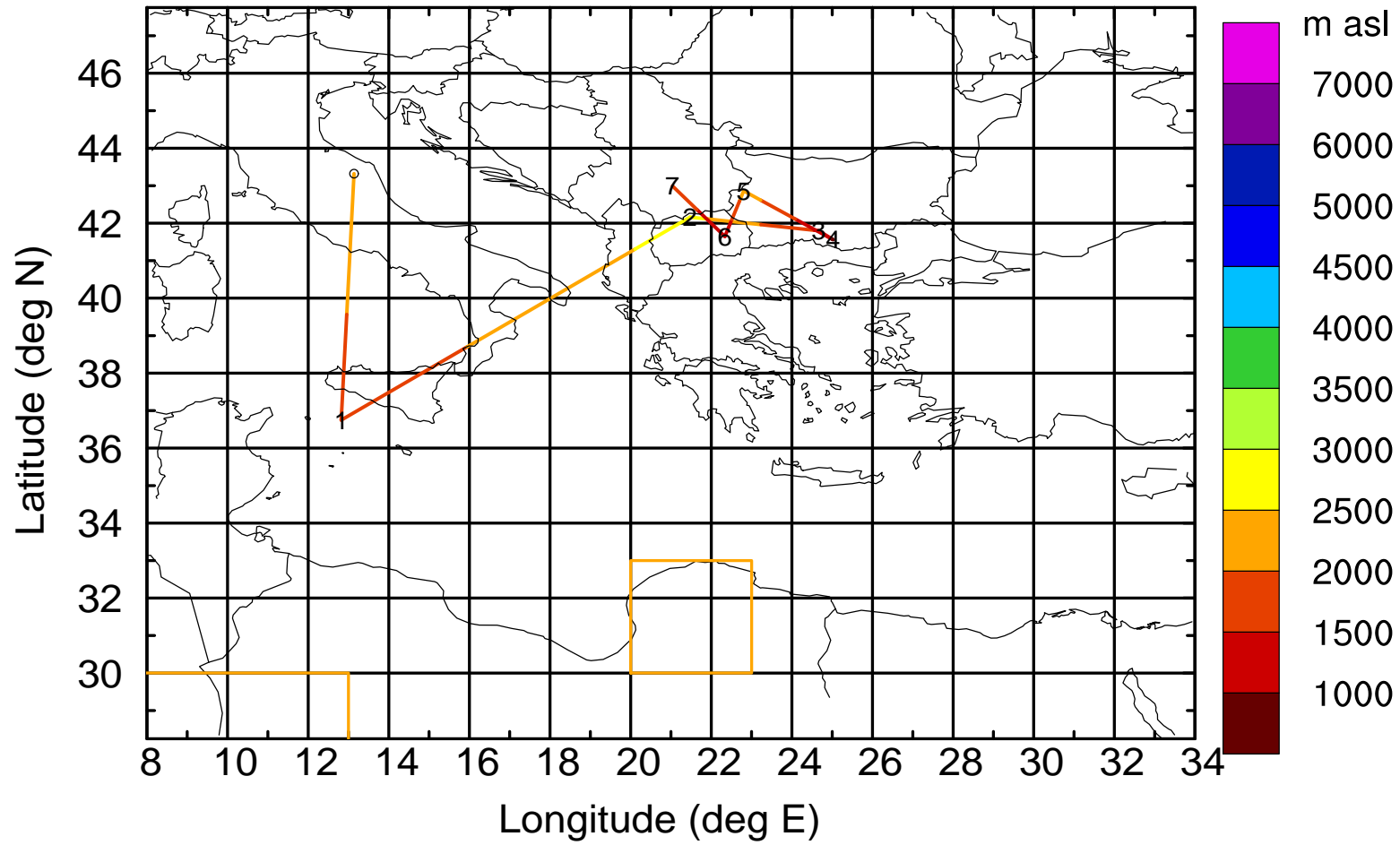
STS ground station 20170417

BWD 20170417/21-110H = 13/07 UTC



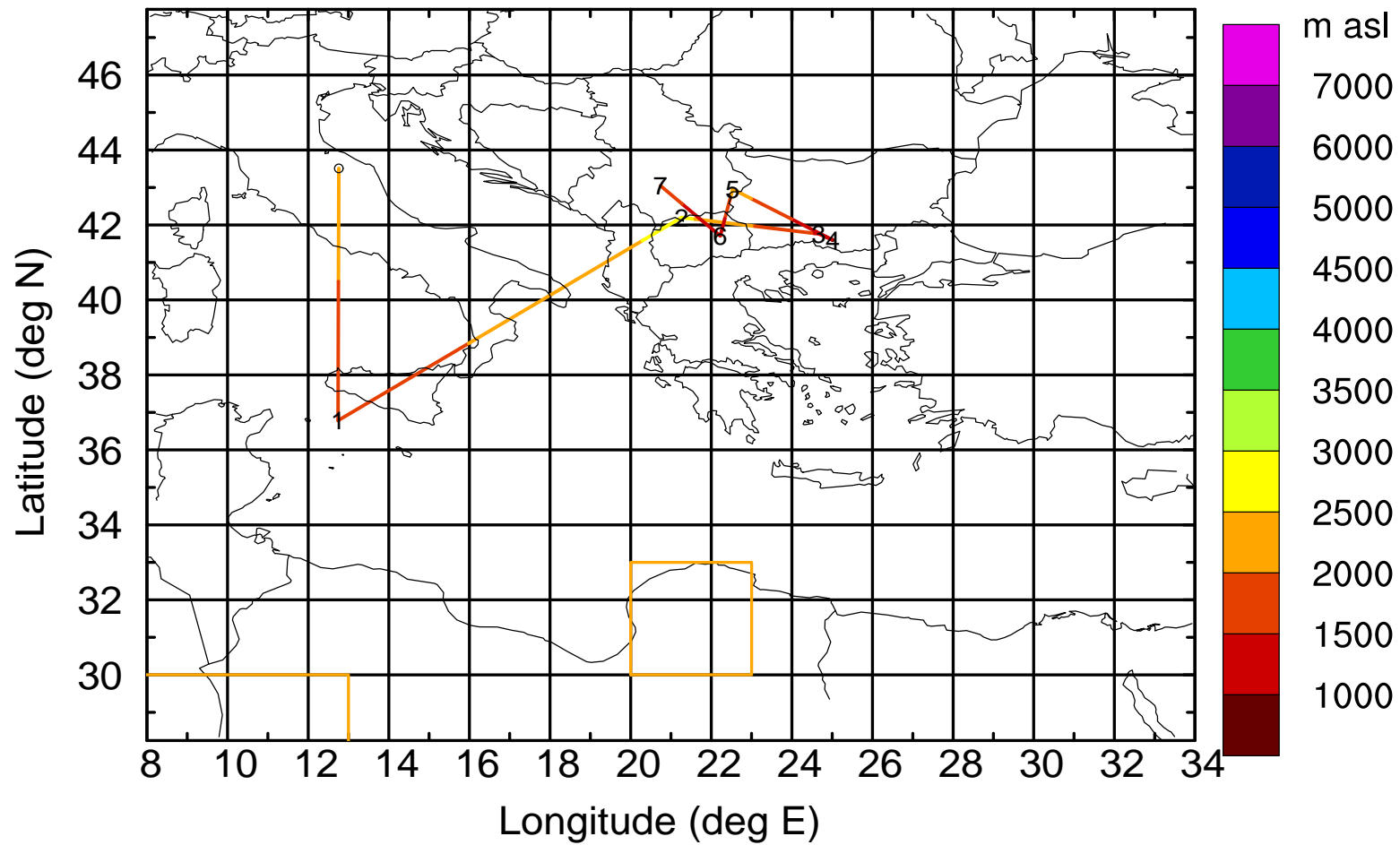
STS ground station 20170417

BWD 20170417/21-111H = 13/06 UTC



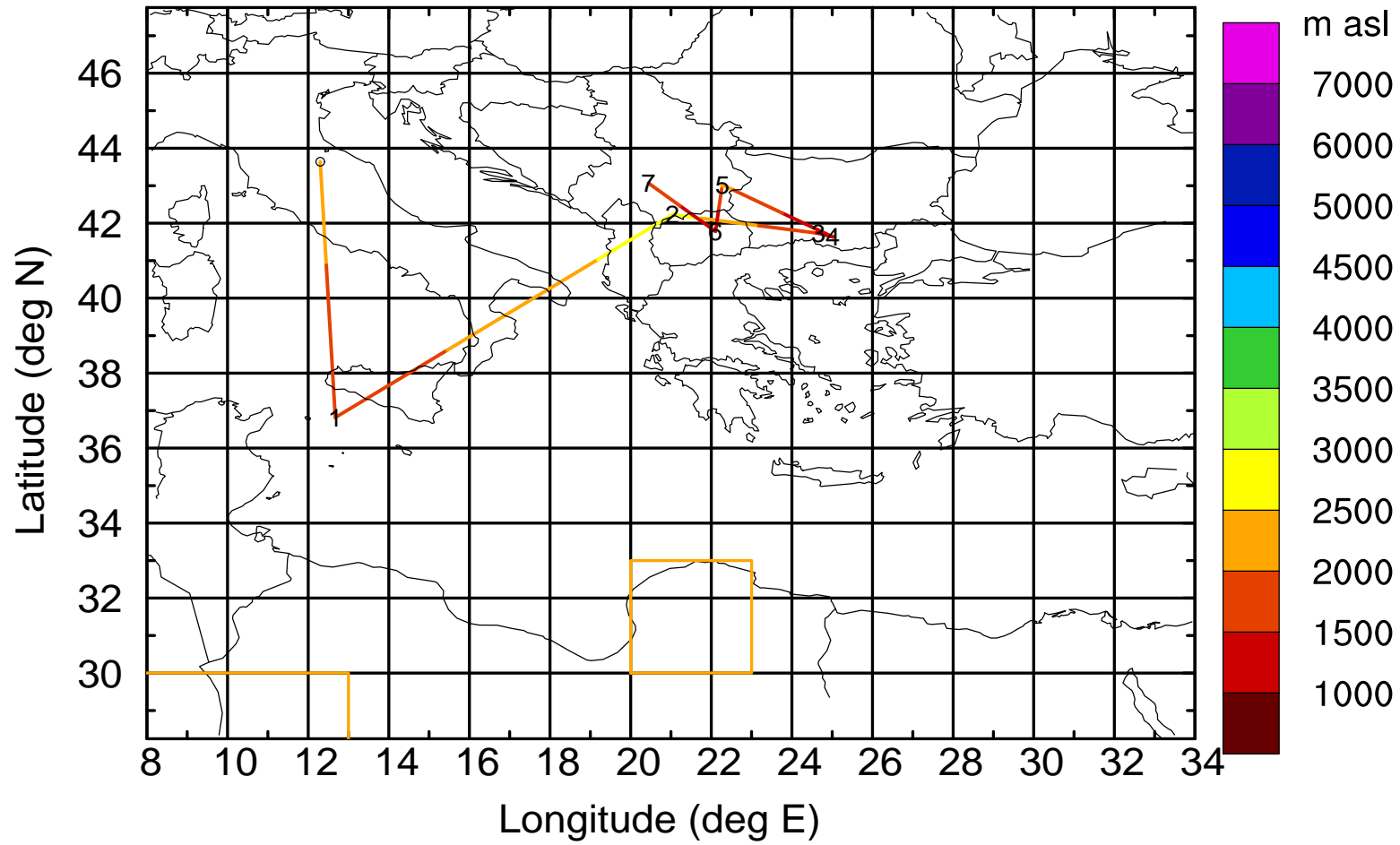
STS ground station 20170417

BWD 20170417/21-112H = 13/05 UTC



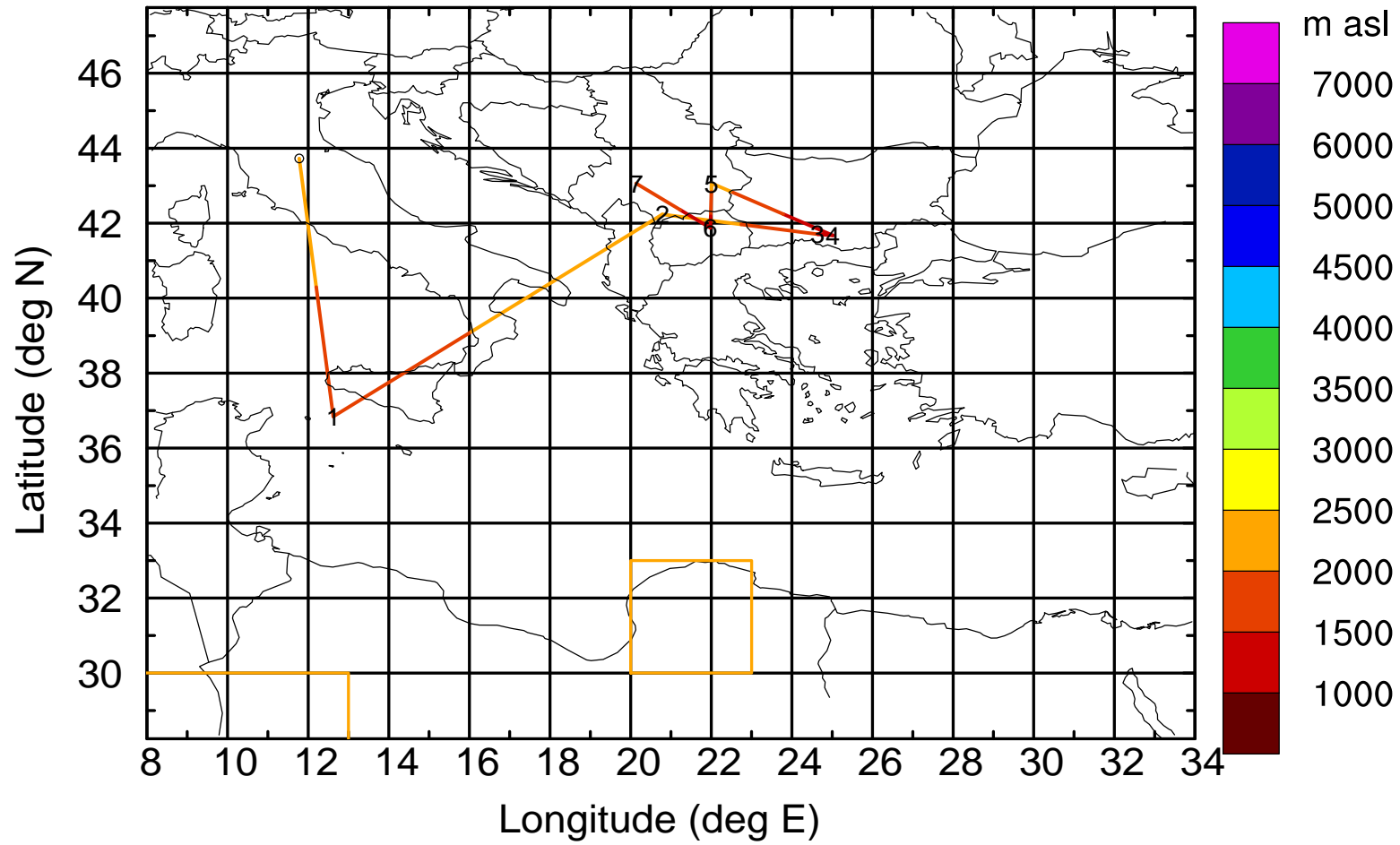
STS ground station 20170417

BWD 20170417/21-113H = 13/04 UTC



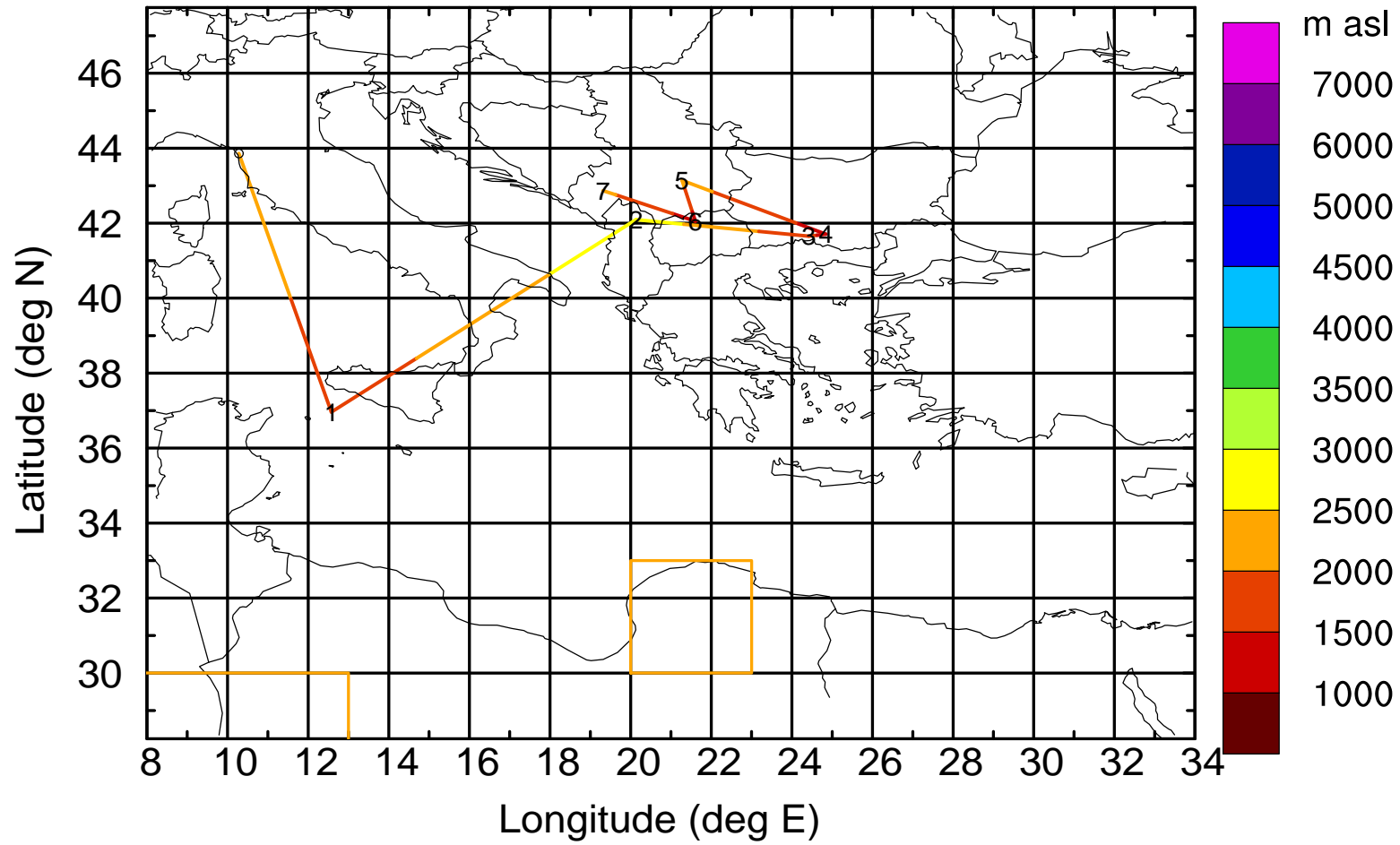
STS ground station 20170417

BWD 20170417/21-114H = 13/03 UTC



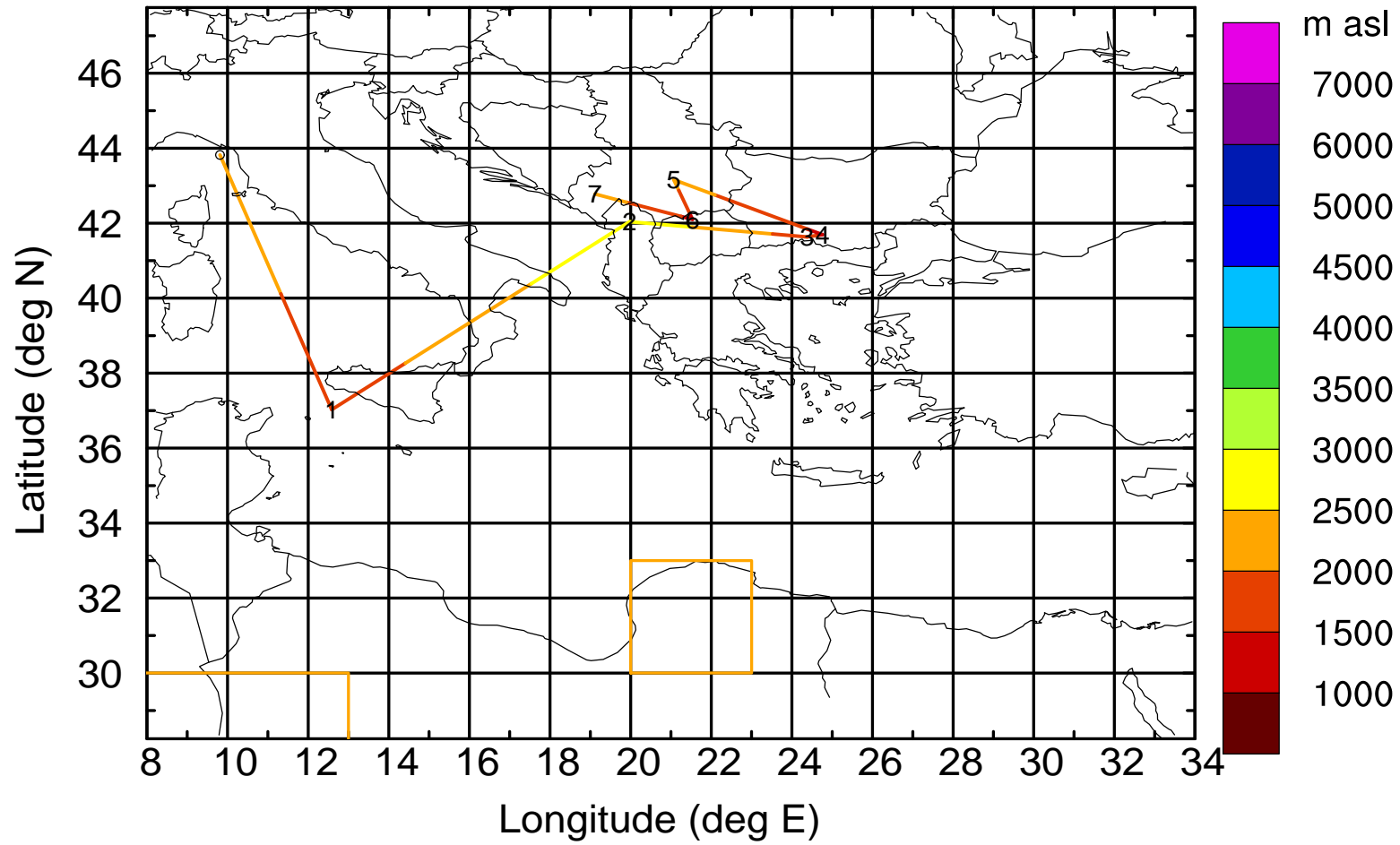
STS ground station 20170417

BWD 20170417/21-117H = 13/00 UTC



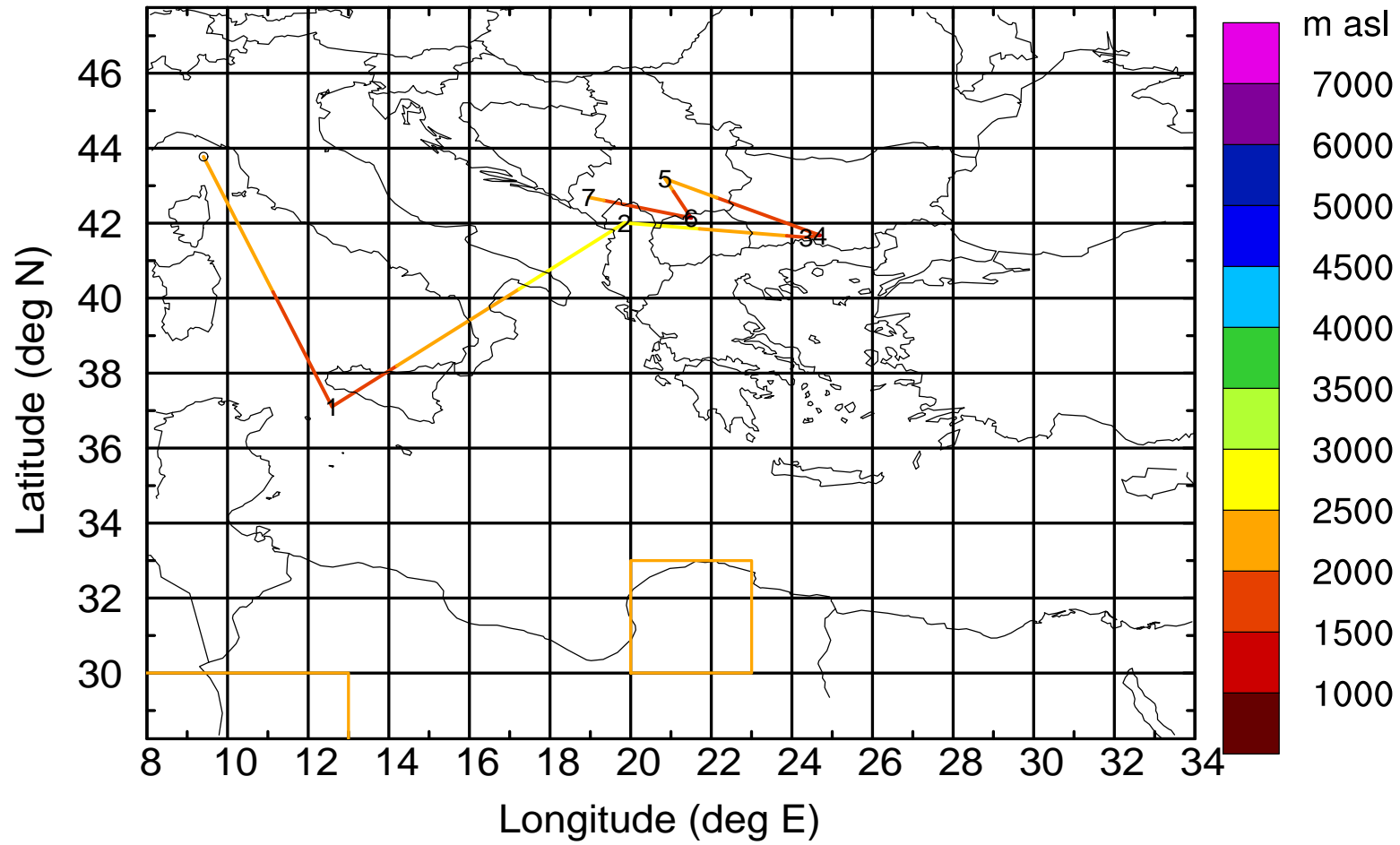
STS ground station 20170417

BWD 20170417/21-118H = 12/23 UTC



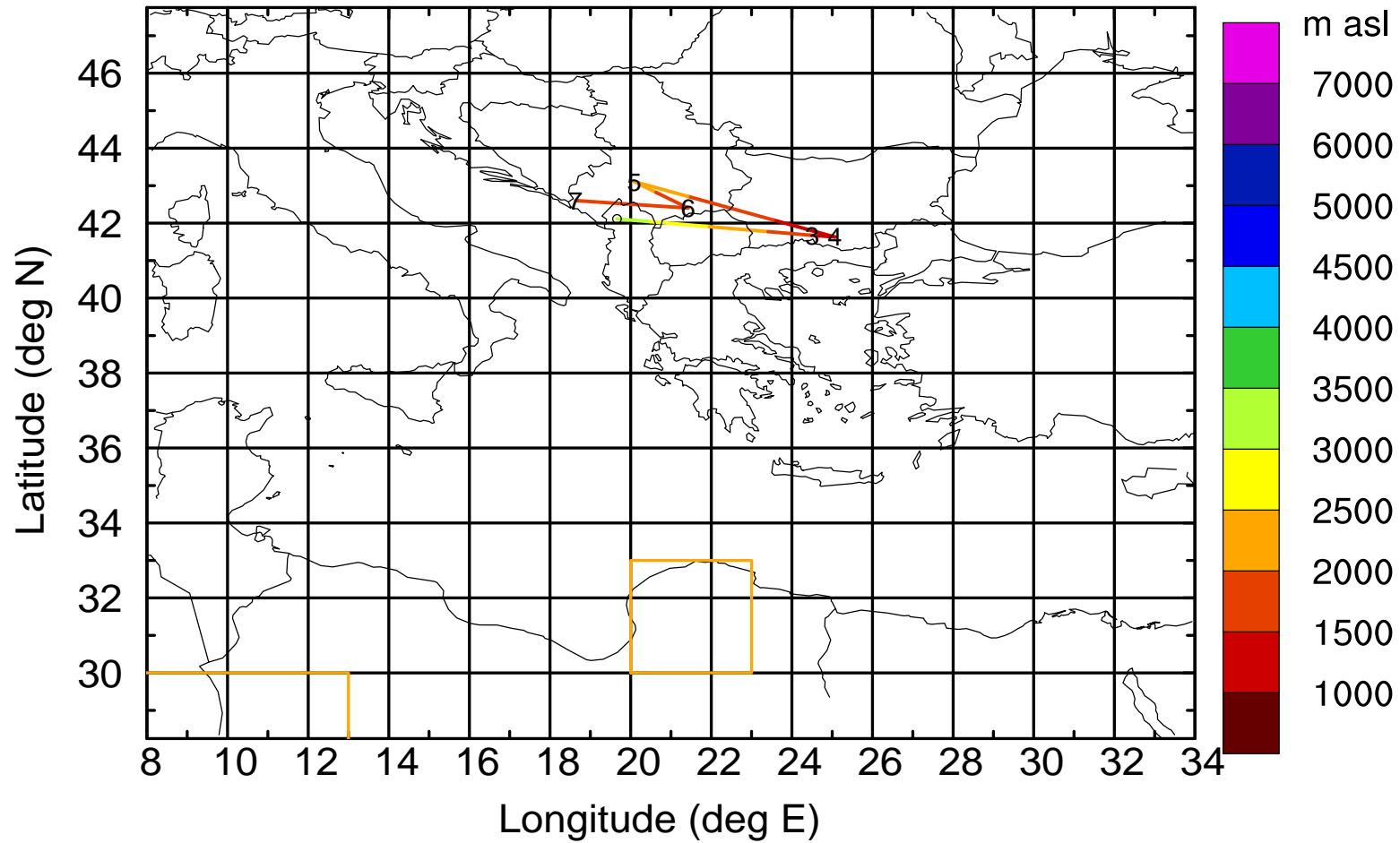
STS ground station 20170417

BWD 20170417/21-119H = 12/22 UTC



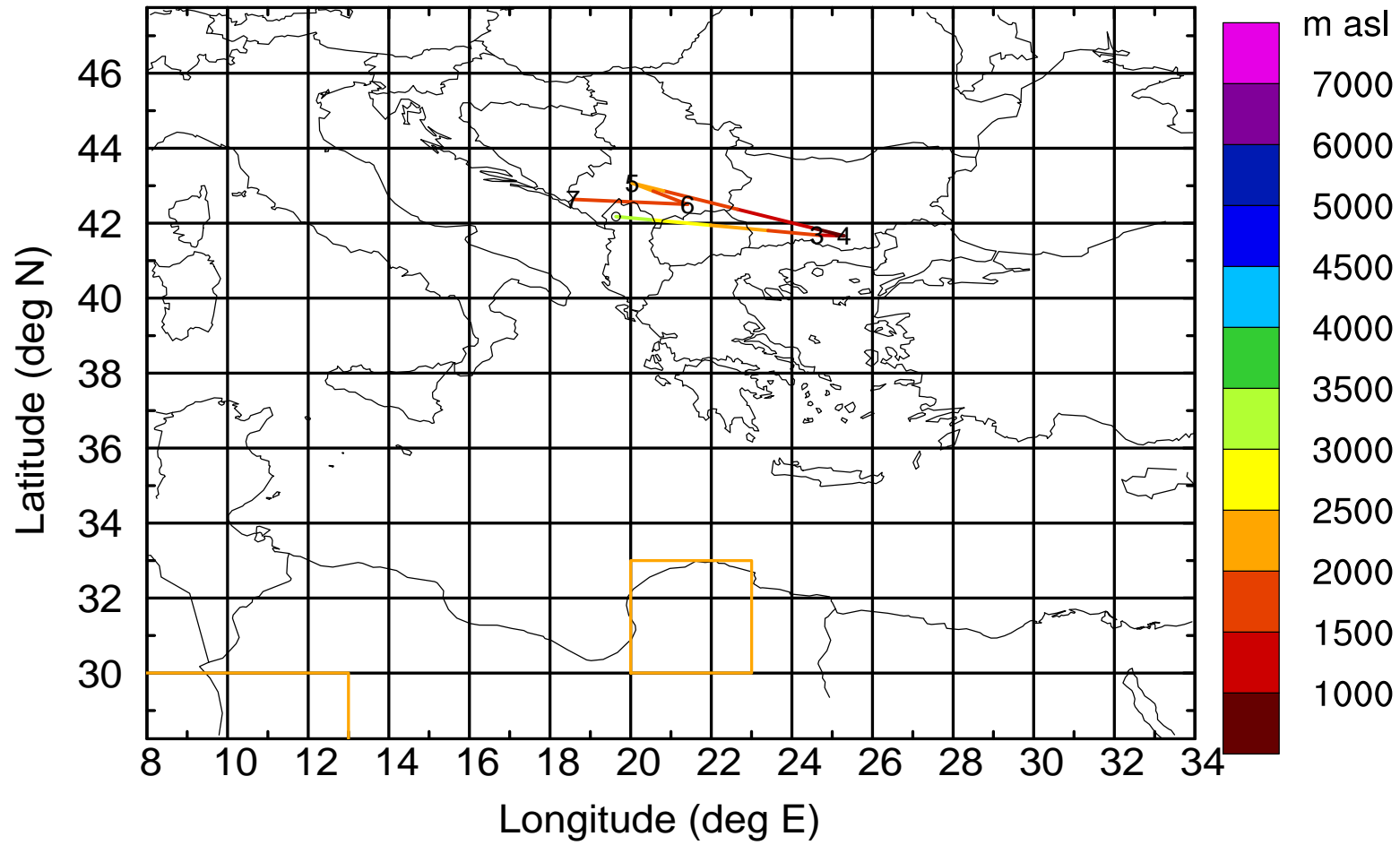
STS ground station 20170417

BWD 20170417/21-123H = 12/18 UTC



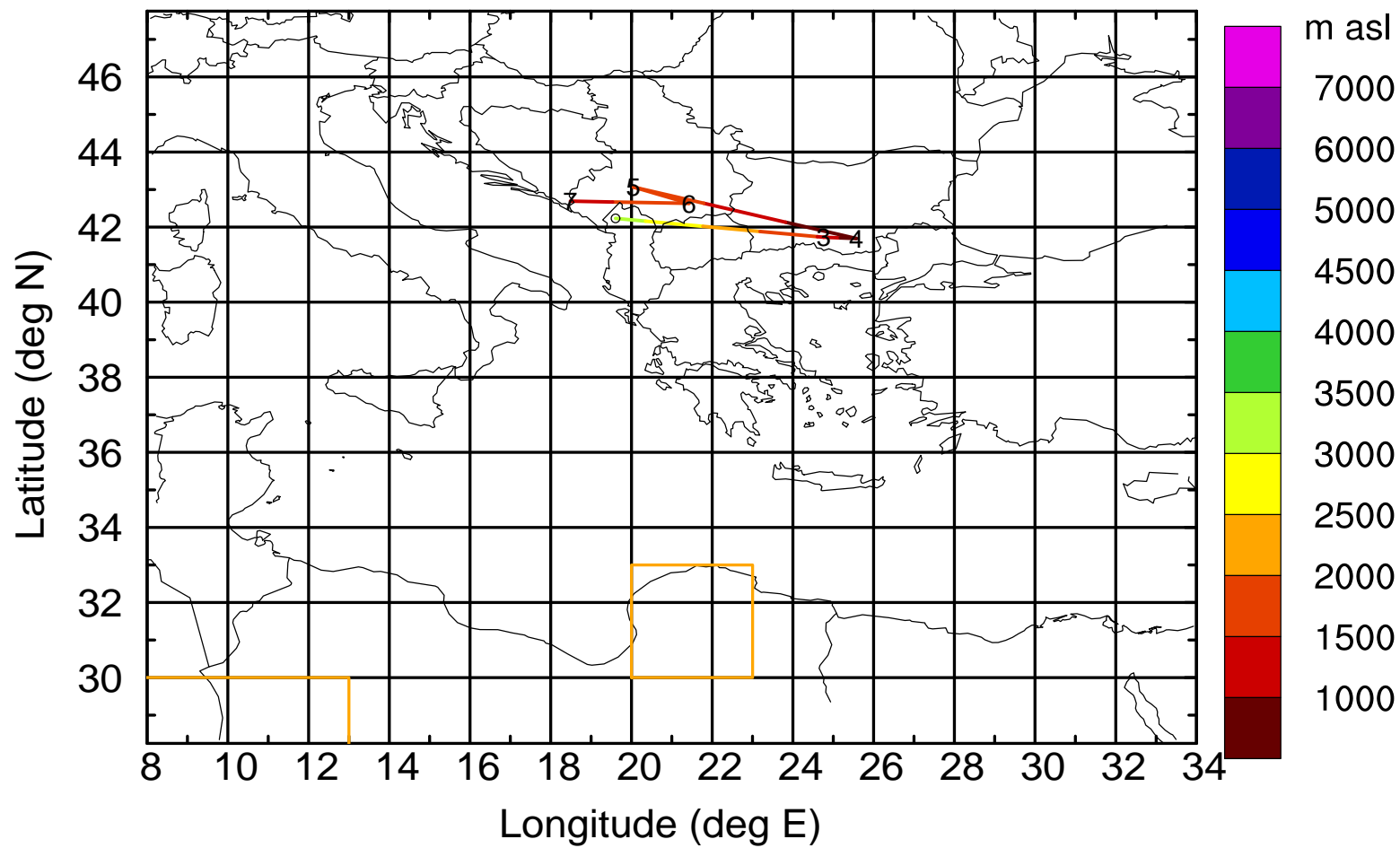
STS ground station 20170417

BWD 20170417/21-124H = 12/17 UTC



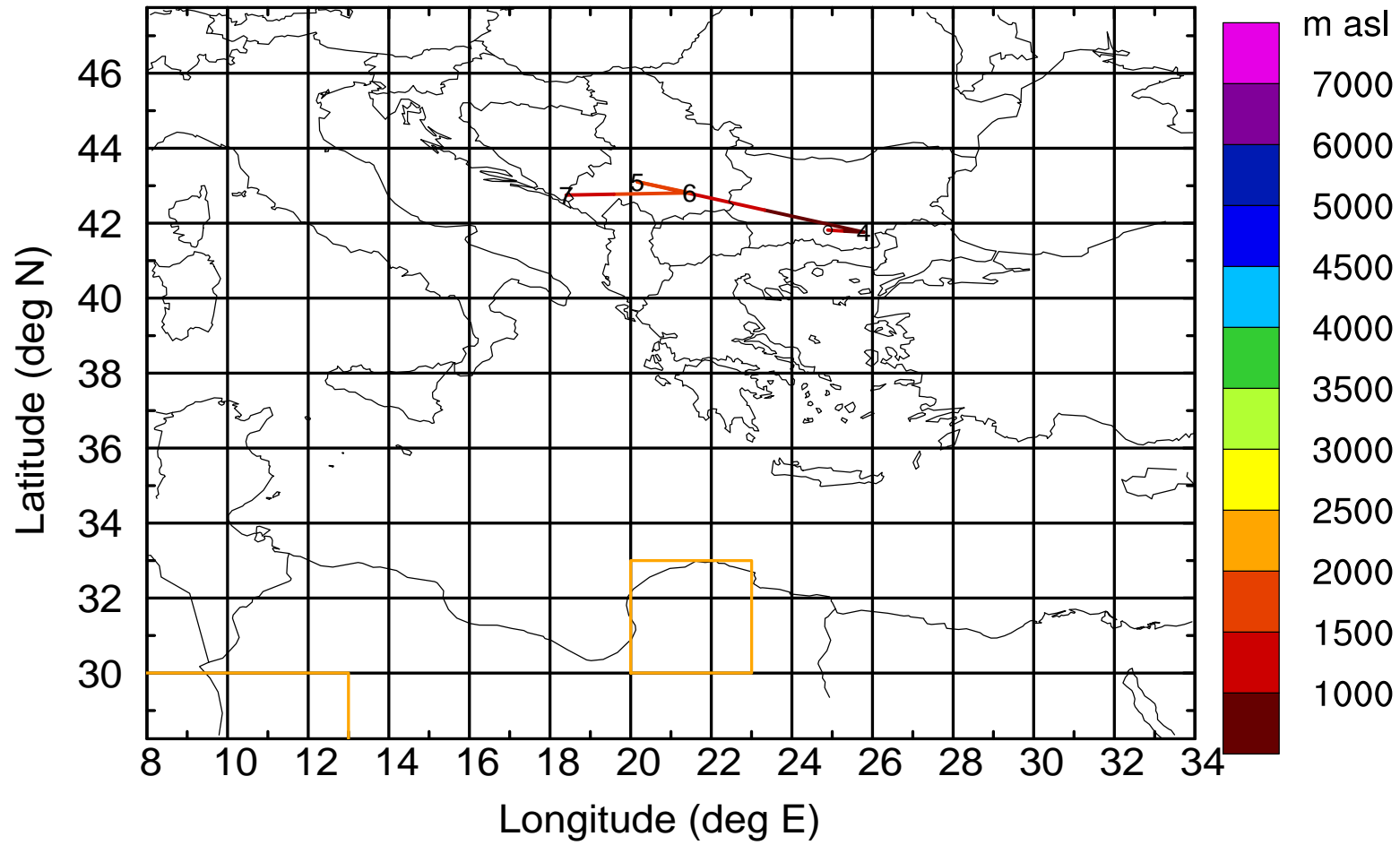
STS ground station 20170417

BWD 20170417/21-125H = 12/16 UTC



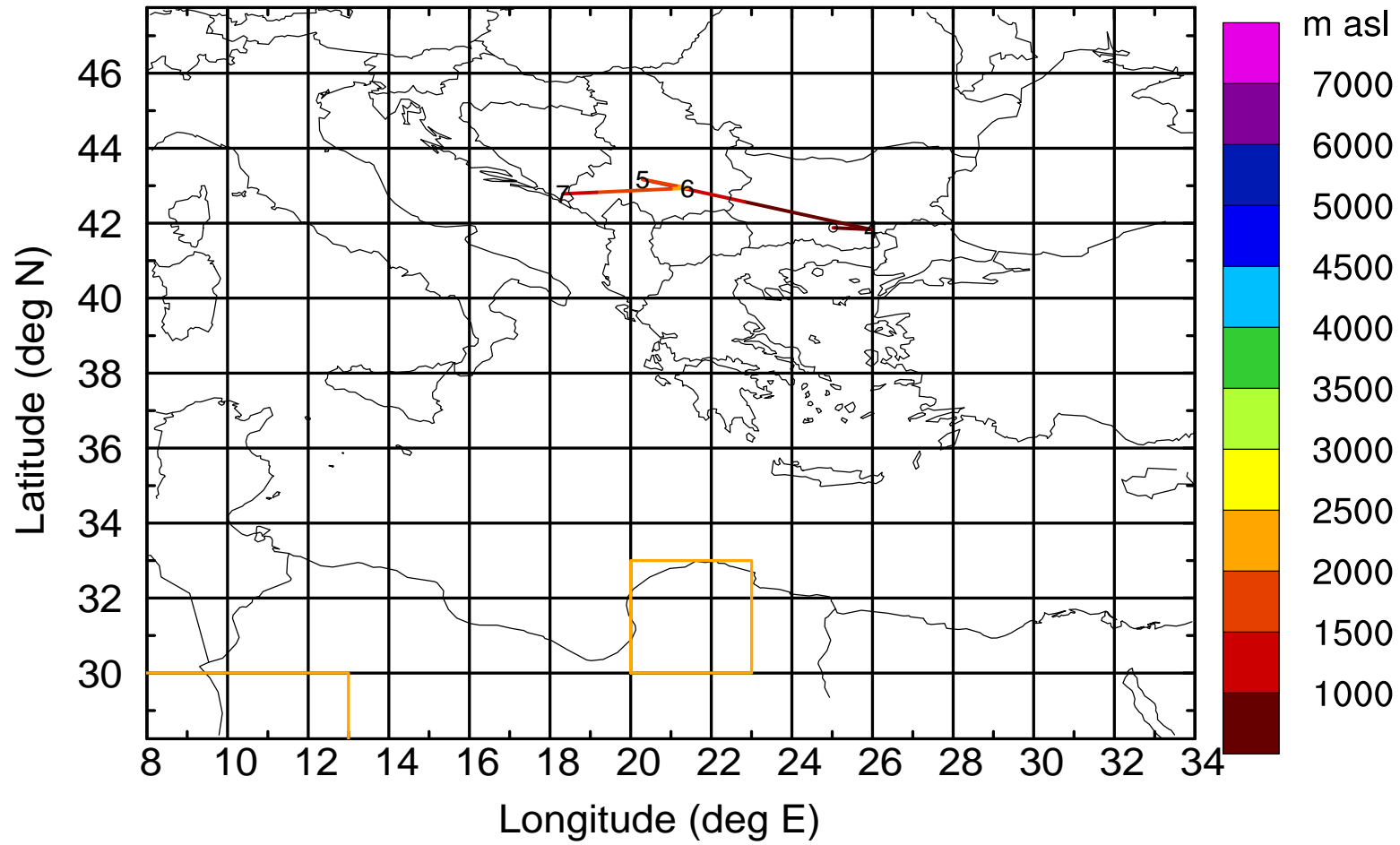
STS ground station 20170417

BWD 20170417/21-126H = 12/15 UTC



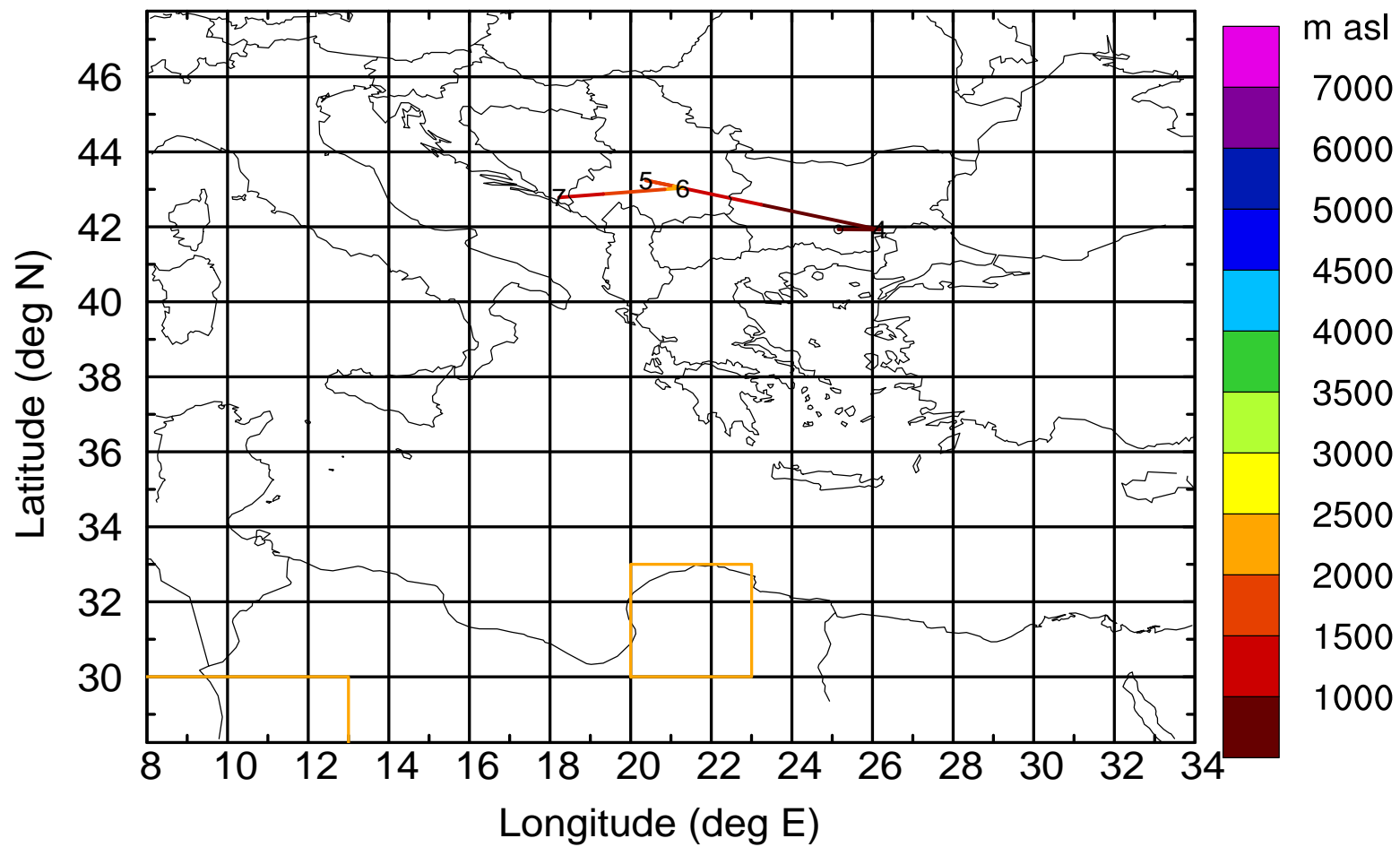
STS ground station 20170417

BWD 20170417/21-127H = 12/14 UTC



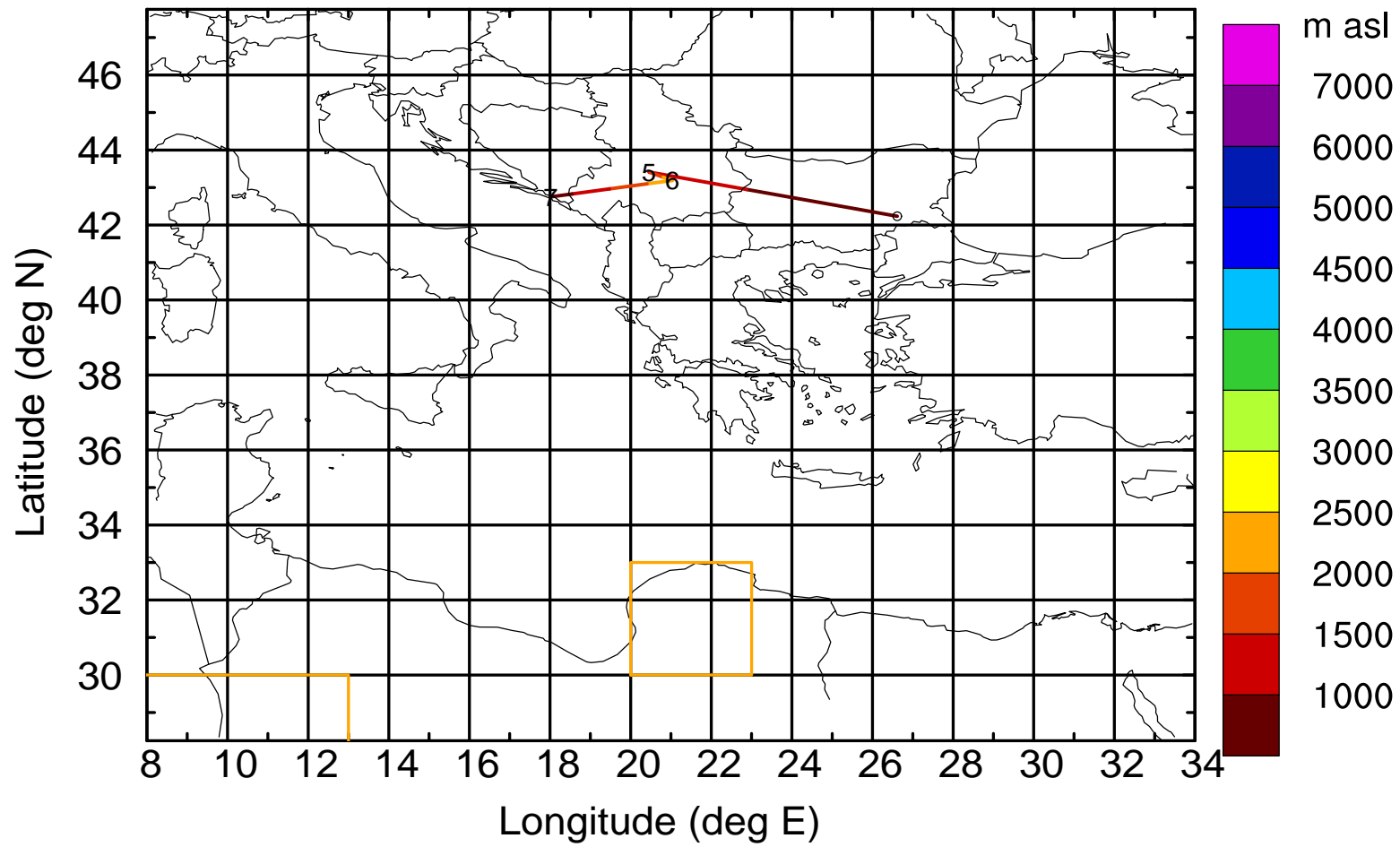
STS ground station 20170417

BWD 20170417/21-128H = 12/13 UTC



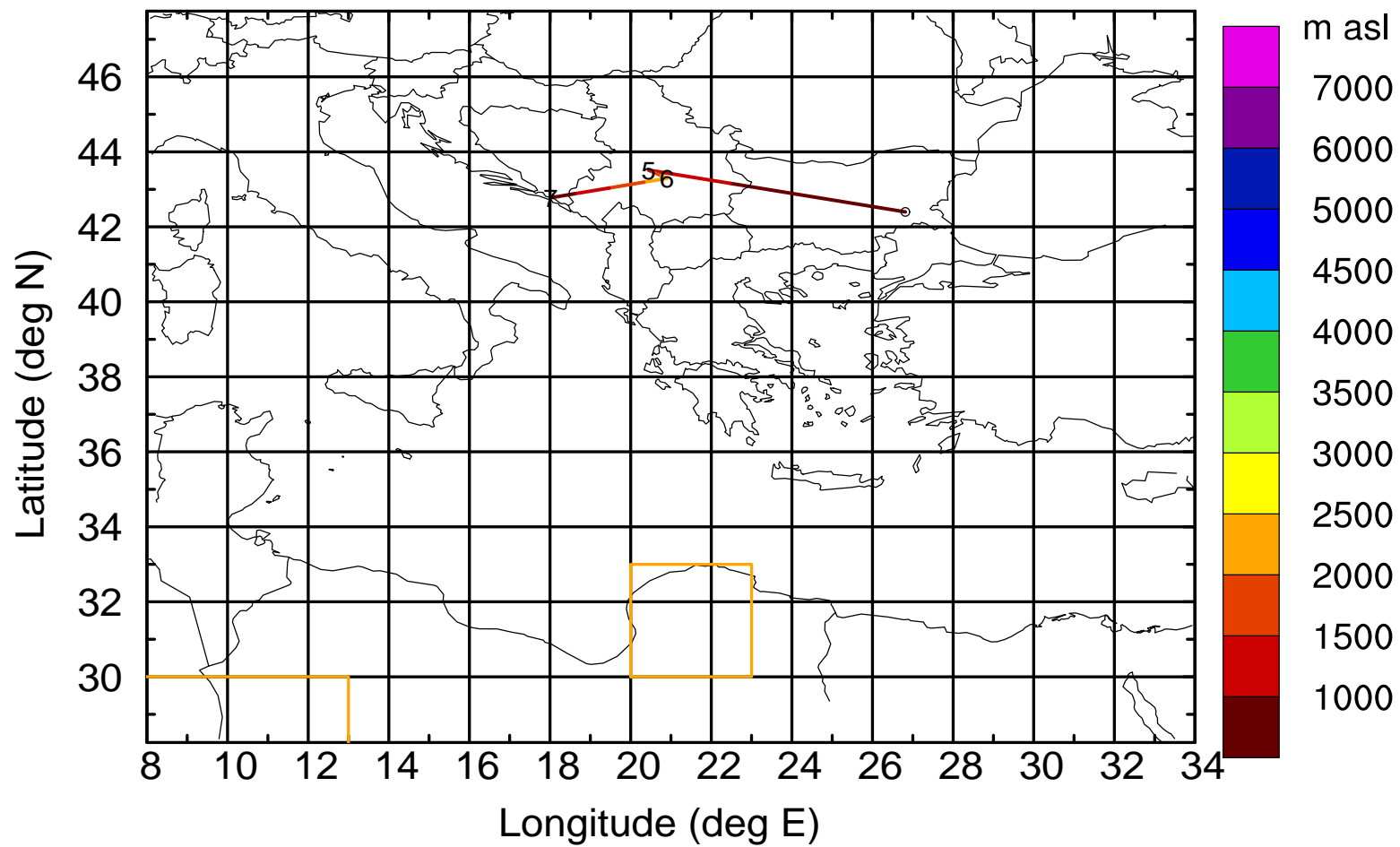
STS ground station 20170417

BWD 20170417/21-130H = 12/11 UTC



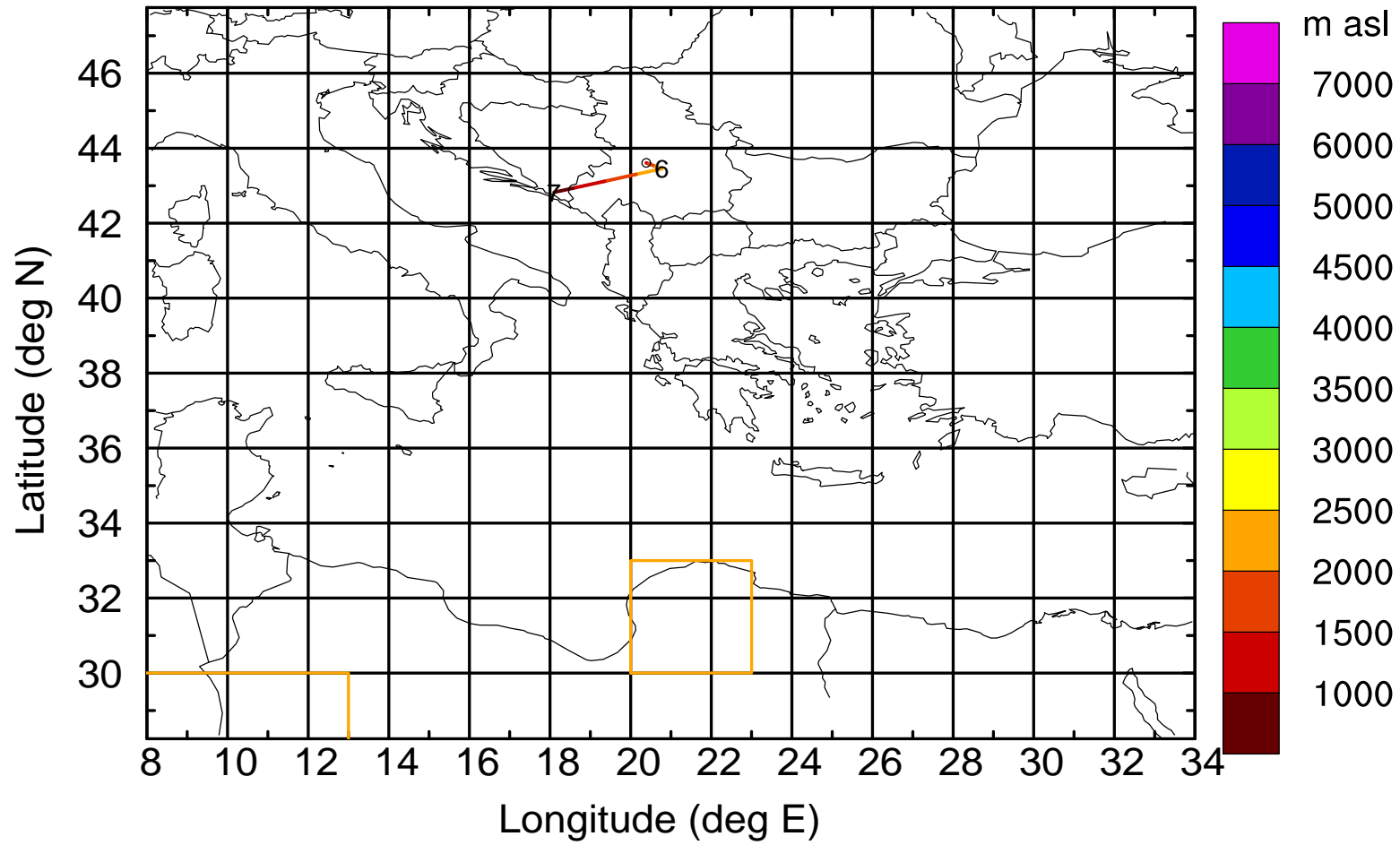
STS ground station 20170417

BWD 20170417/21-131H = 12/10 UTC



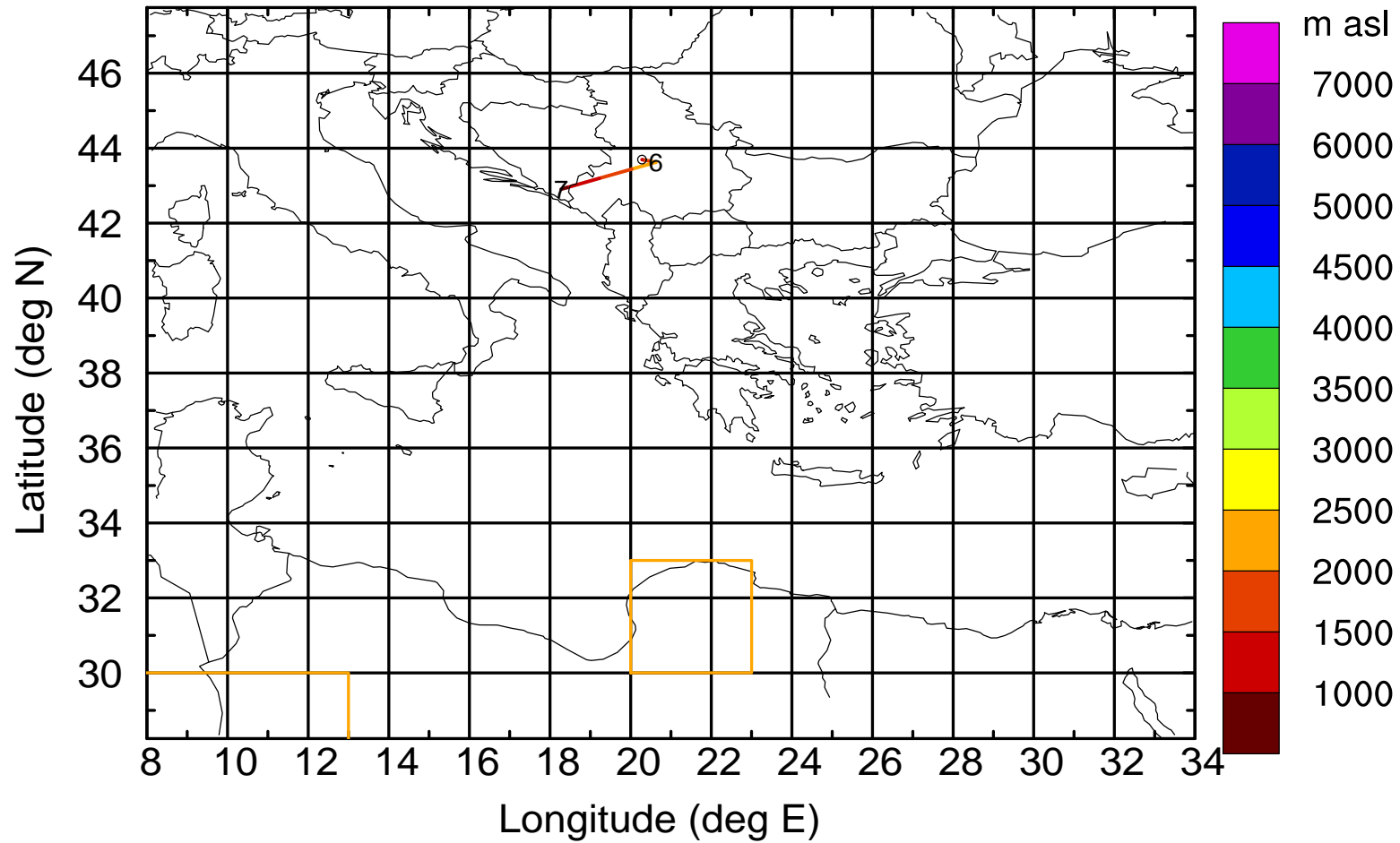
STS ground station 20170417

BWD 20170417/21-132H = 12/09 UTC



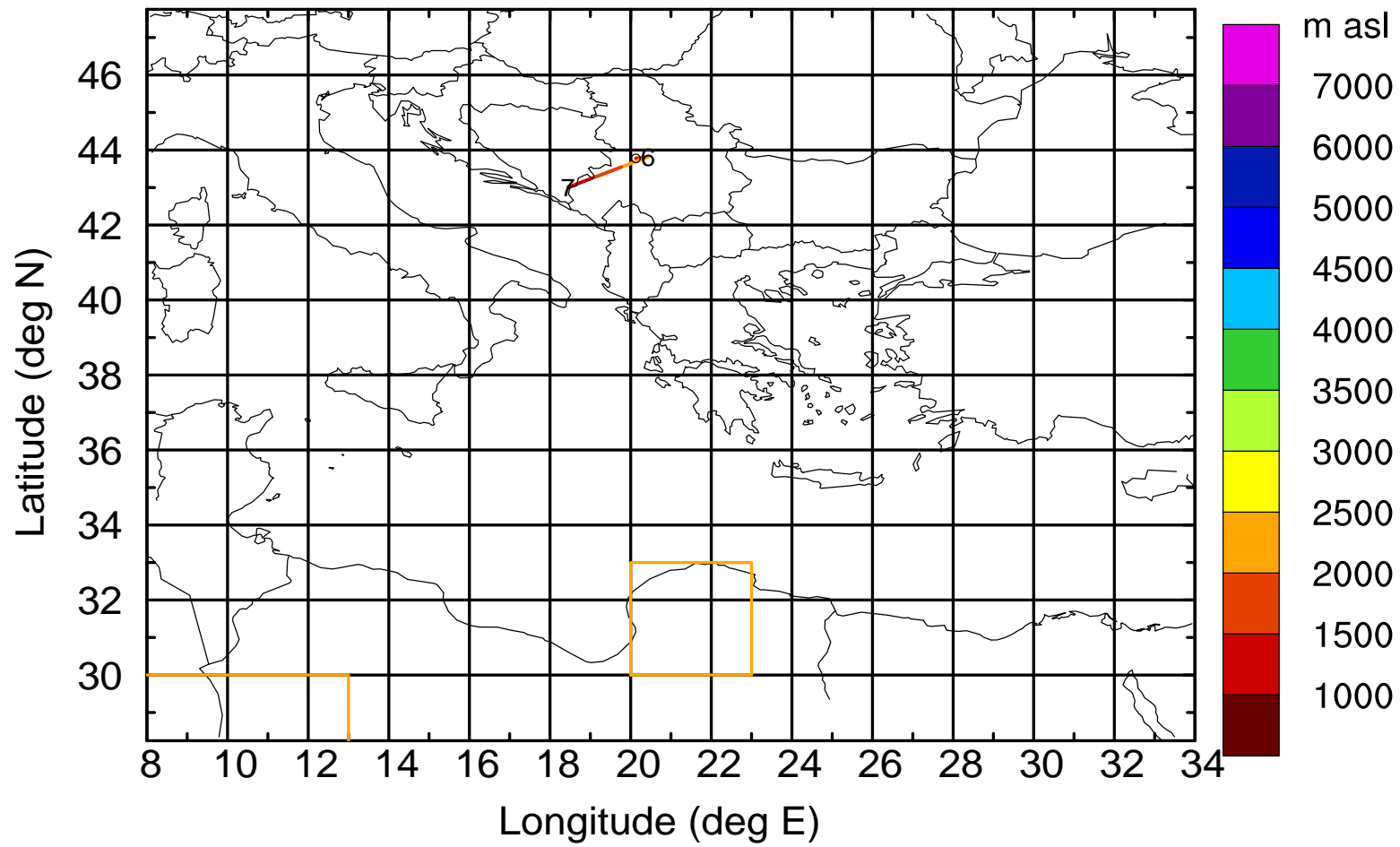
STS ground station 20170417

BWD 20170417/21-133H = 12/08 UTC



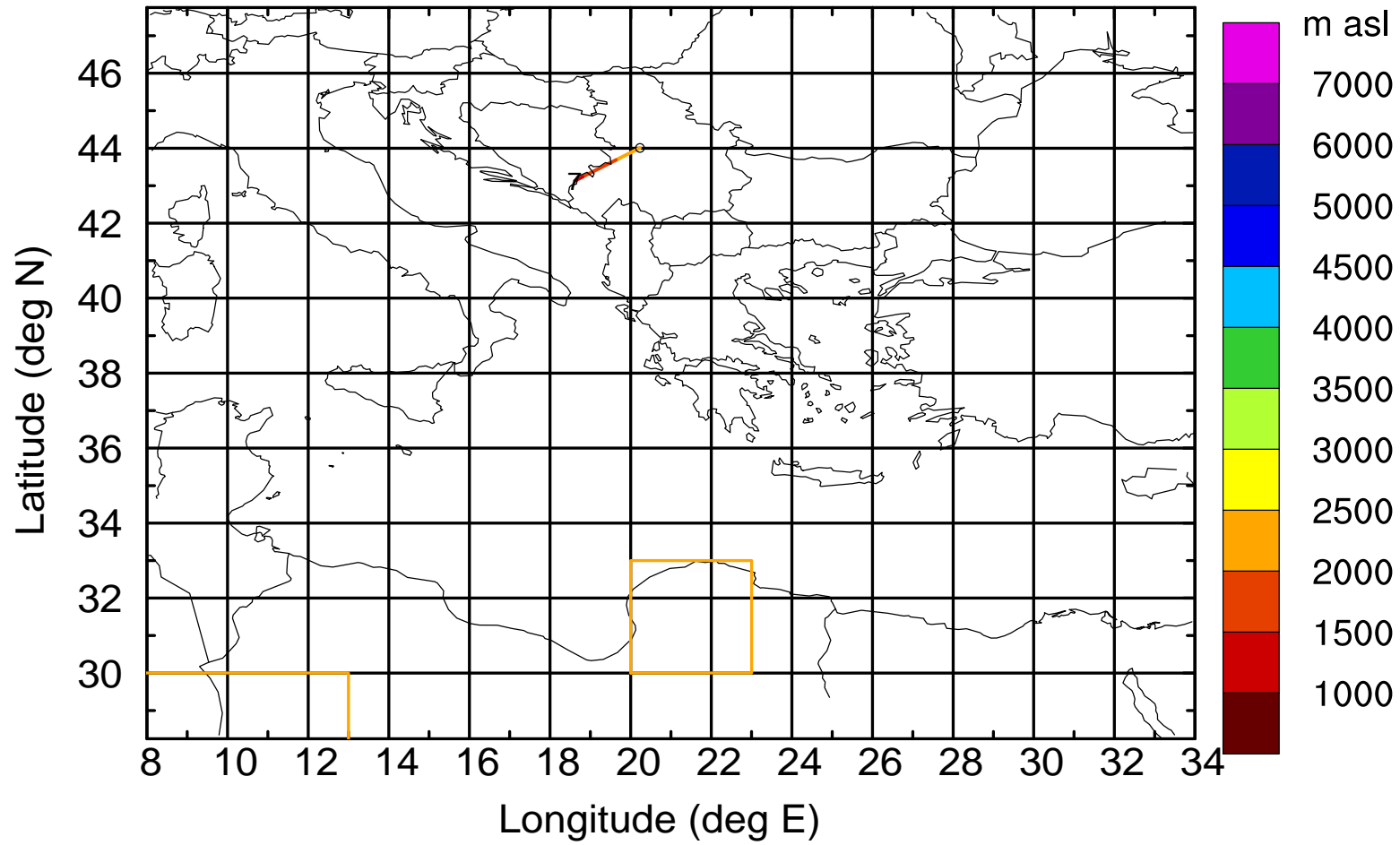
STS ground station 20170417

BWD 20170417/21-134H = 12/07 UTC



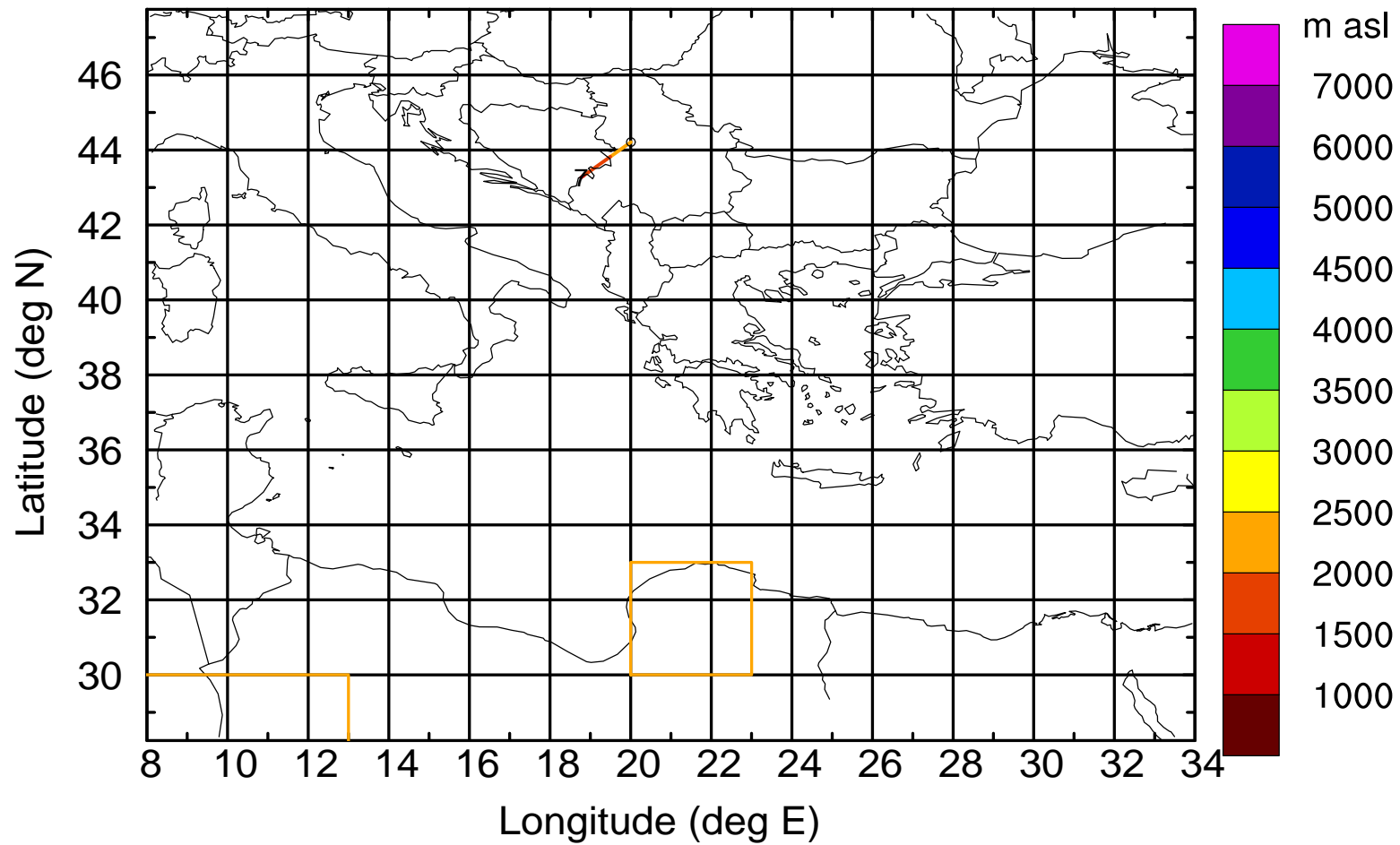
STS ground station 20170417

BWD 20170417/21-135H = 12/06 UTC



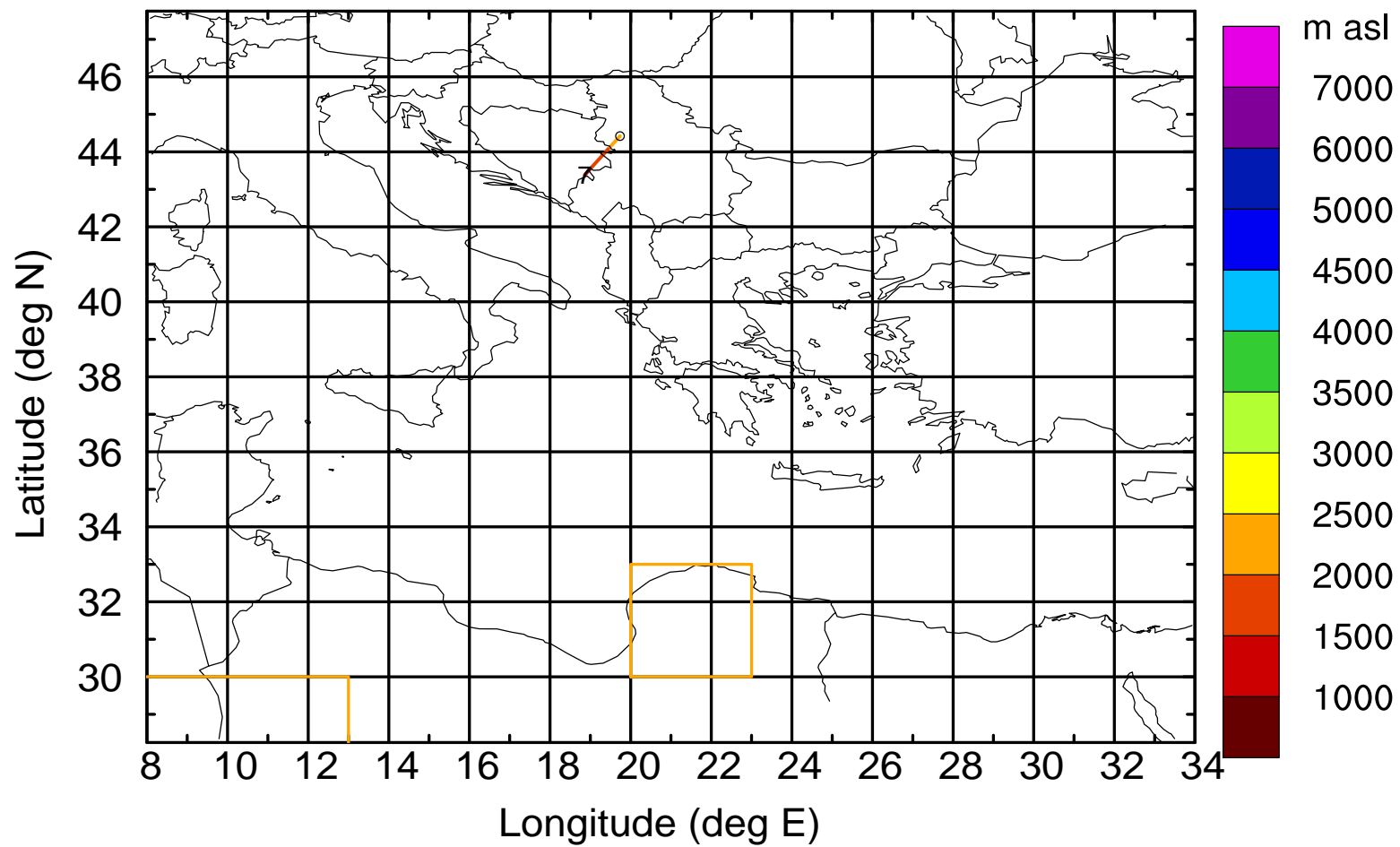
STS ground station 20170417

BWD 20170417/21-136H = 12/05 UTC



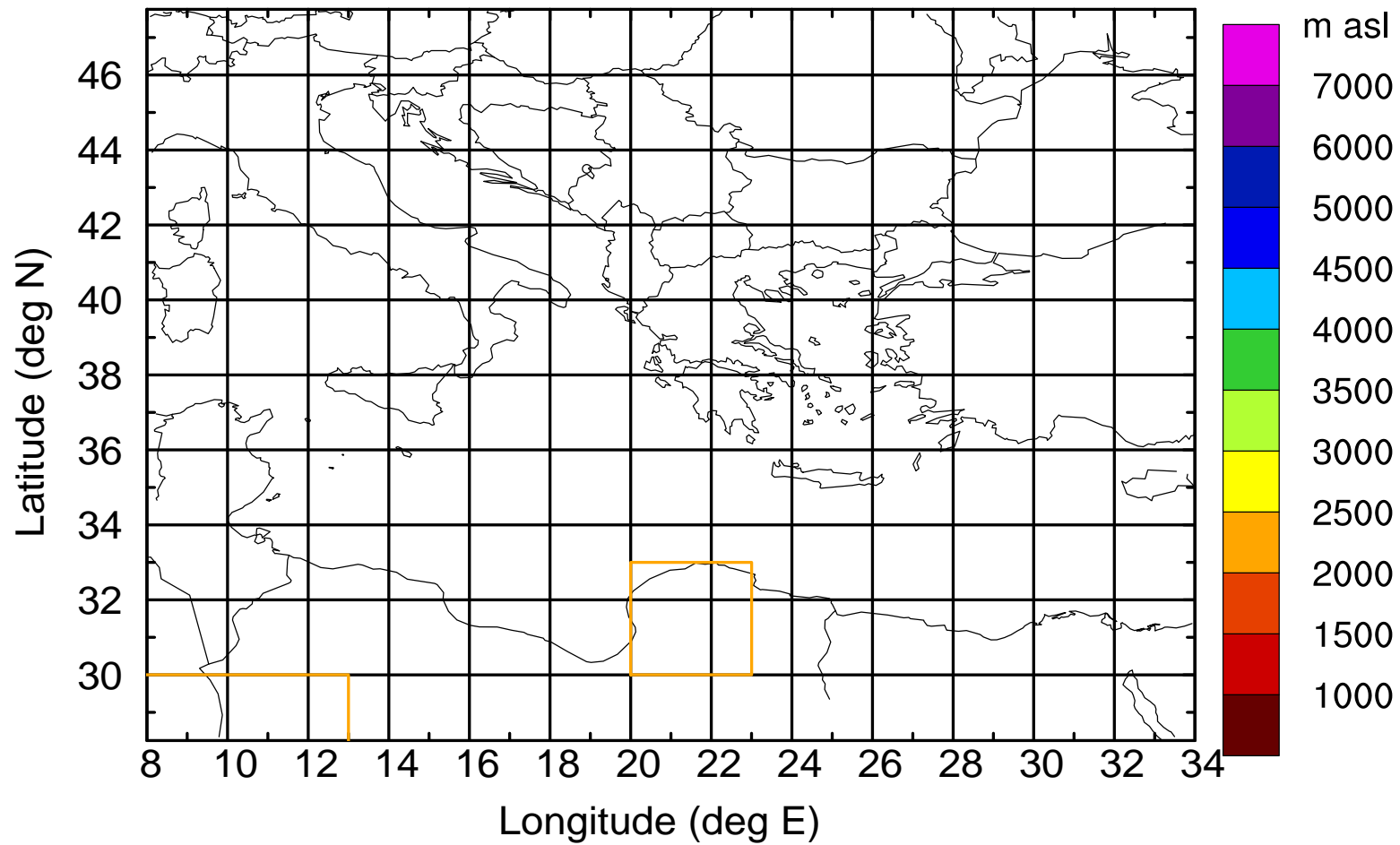
STS ground station 20170417

BWD 20170417/21-137H = 12/04 UTC



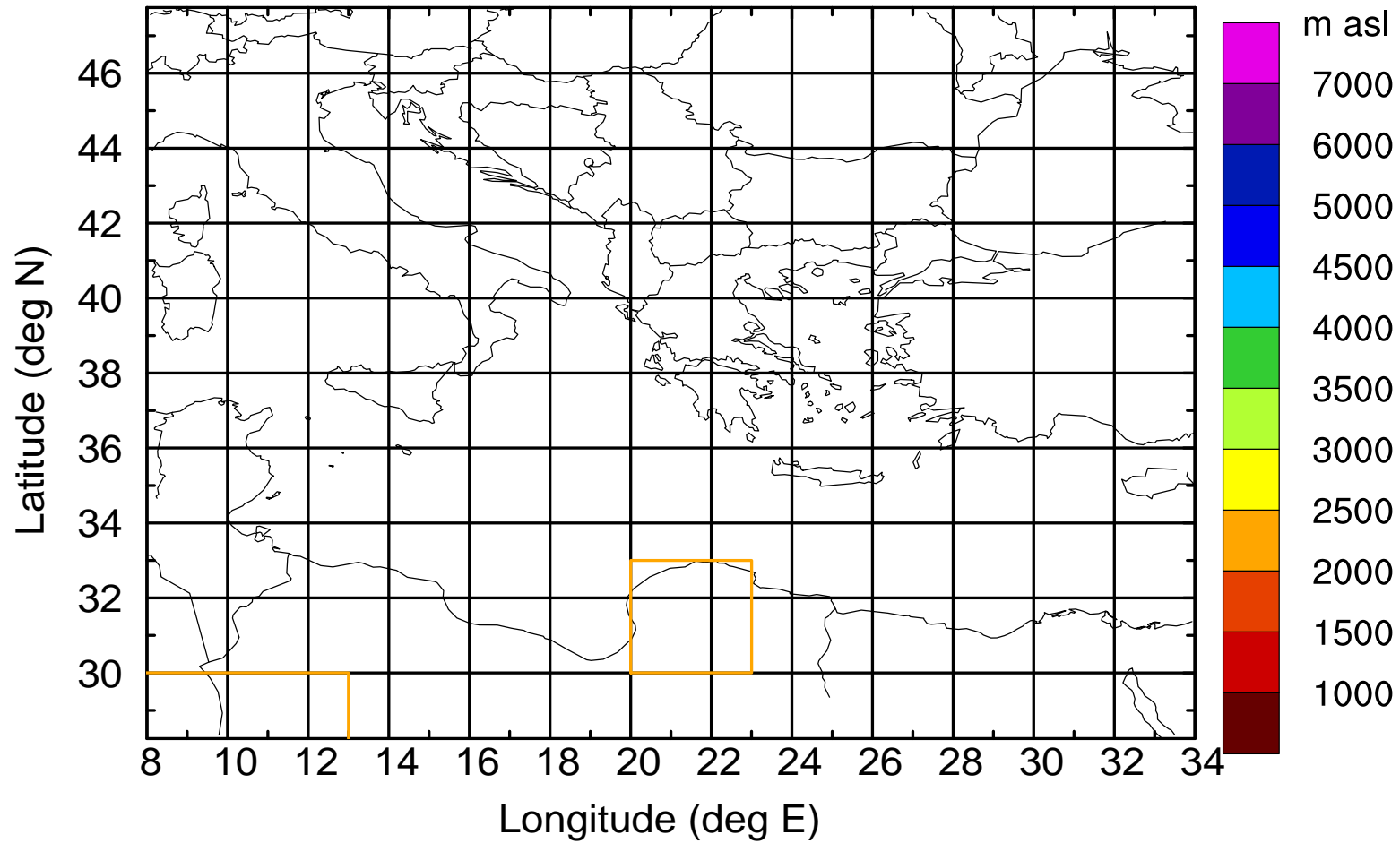
STS ground station 20170417

BWD 20170417/21-137H = 12/04 UTC



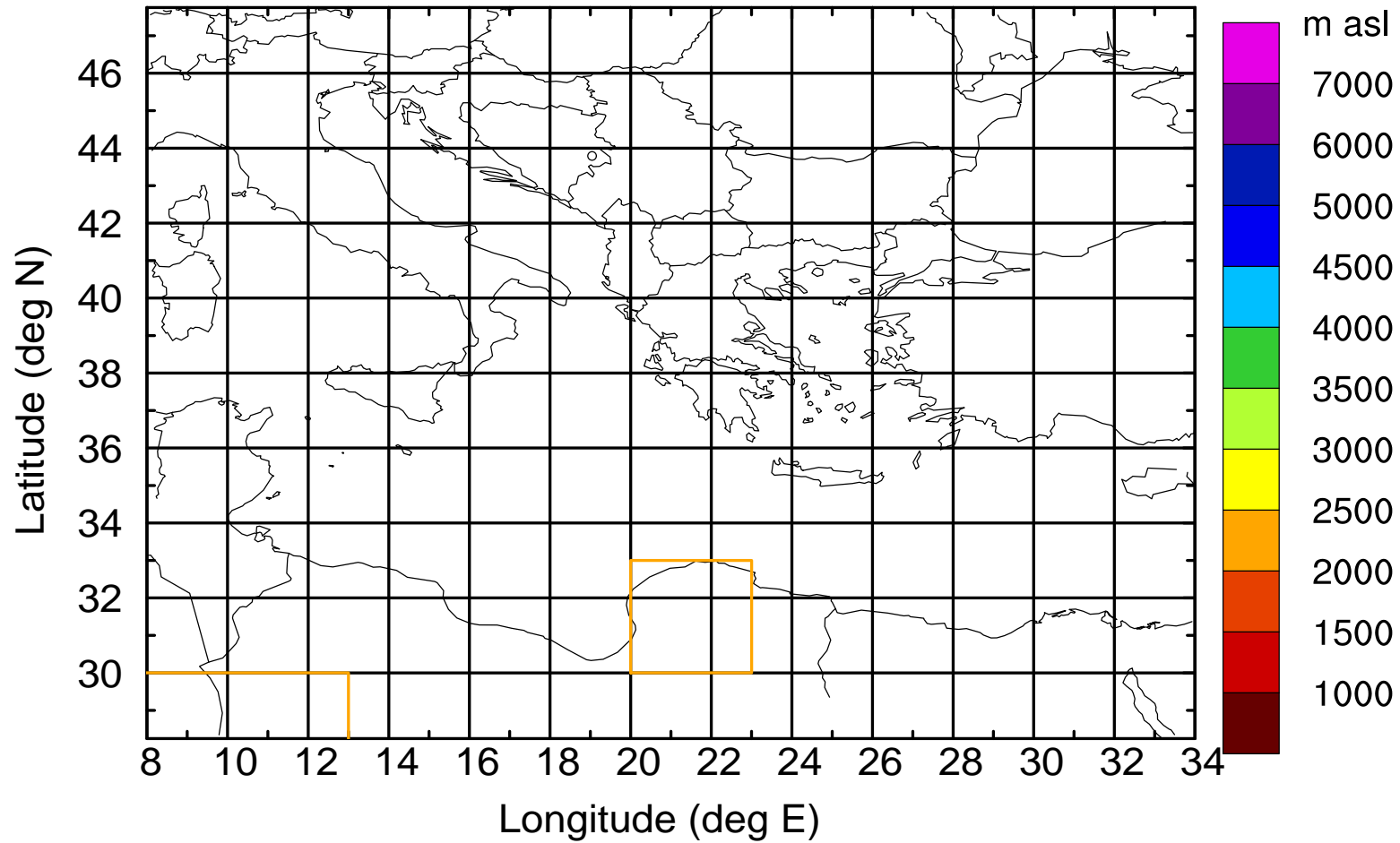
STS ground station 20170417

BWD 20170417/21-137H = 12/04 UTC



STS ground station 20170417

BWD 20170417/21-137H = 12/04 UTC



STS ground station 20170417

BWD 20170417/21-137H = 12/04 UTC

