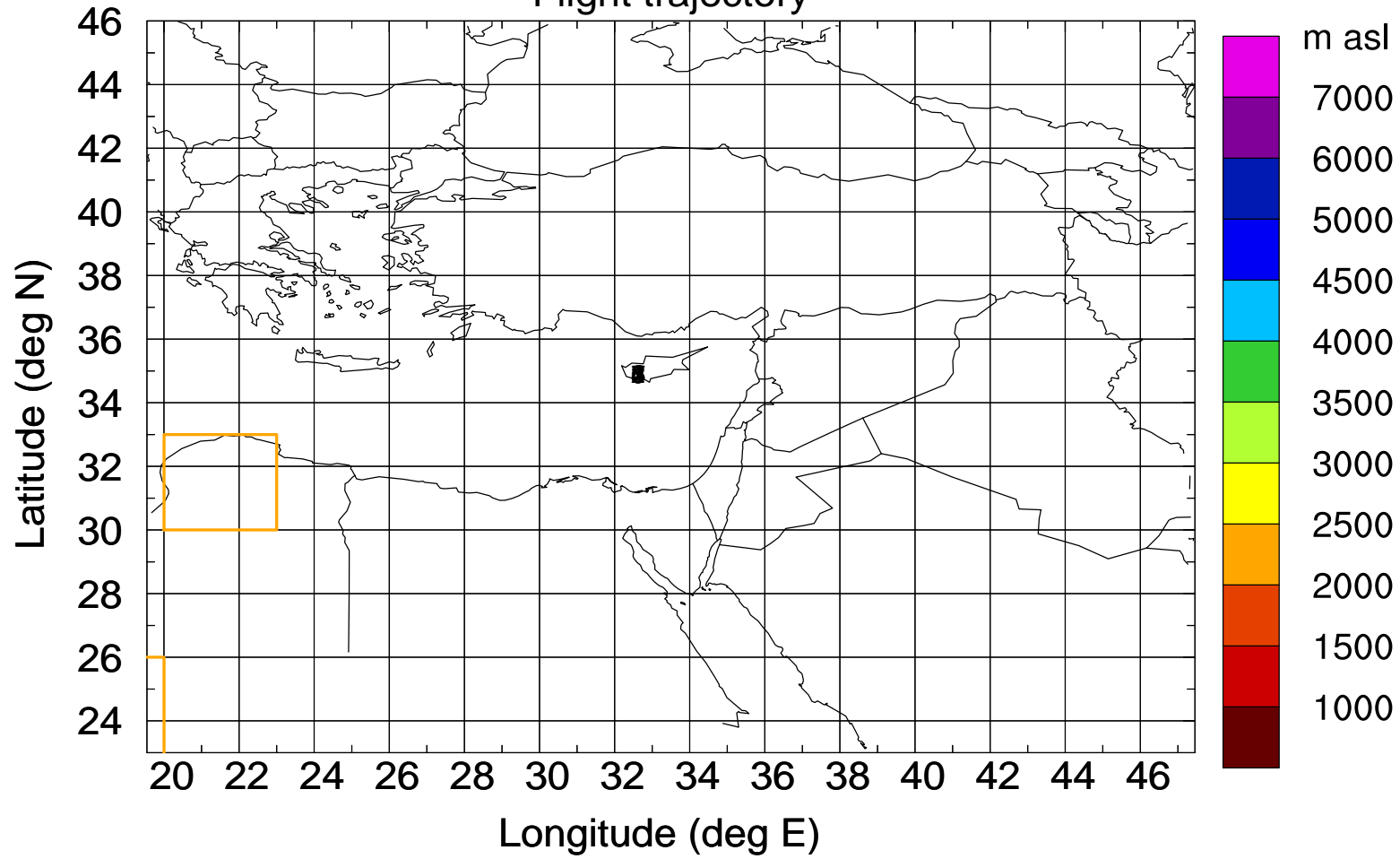


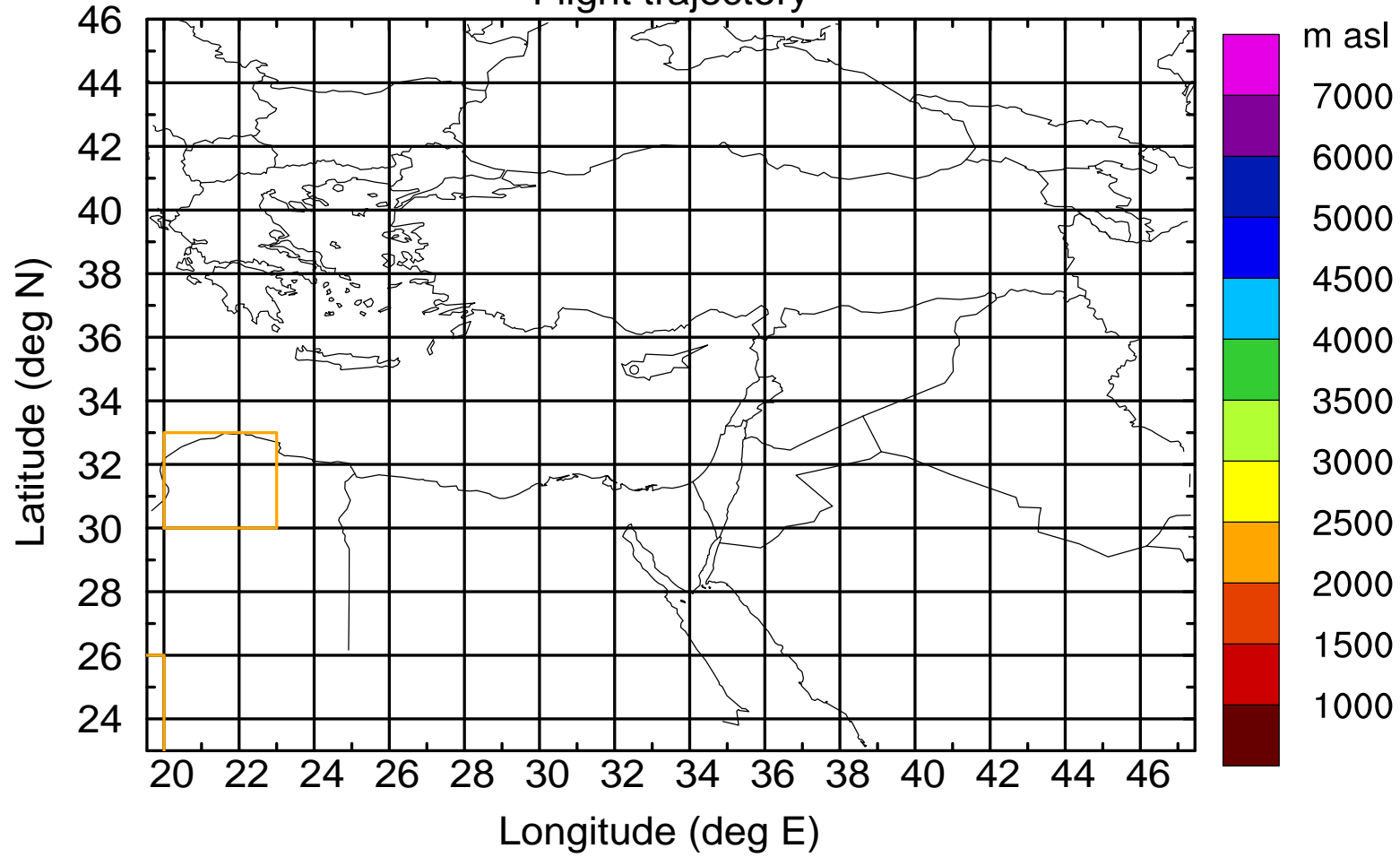
STS ground station 20170415

### Flight trajectory



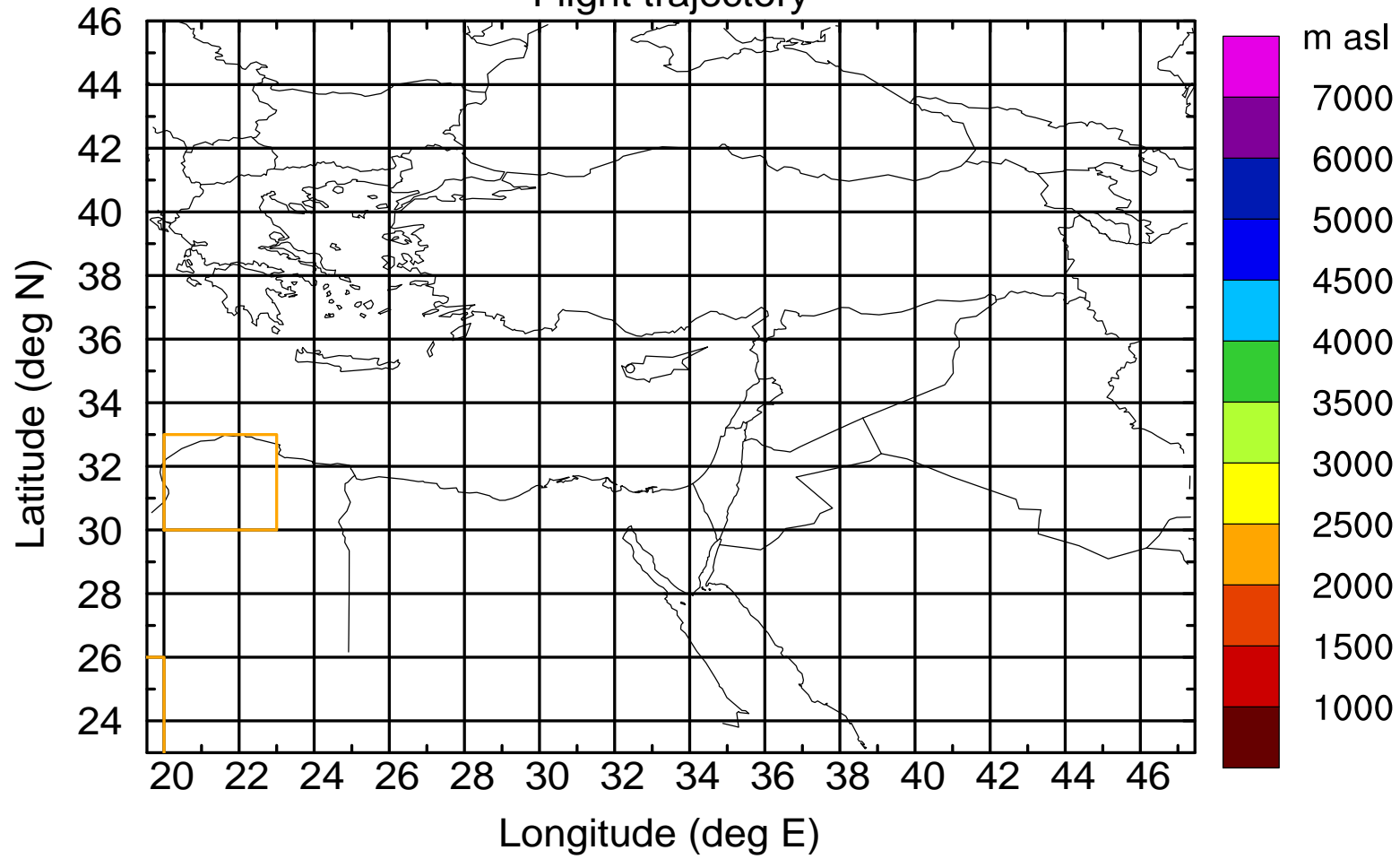
STS ground station 20170415

### Flight trajectory



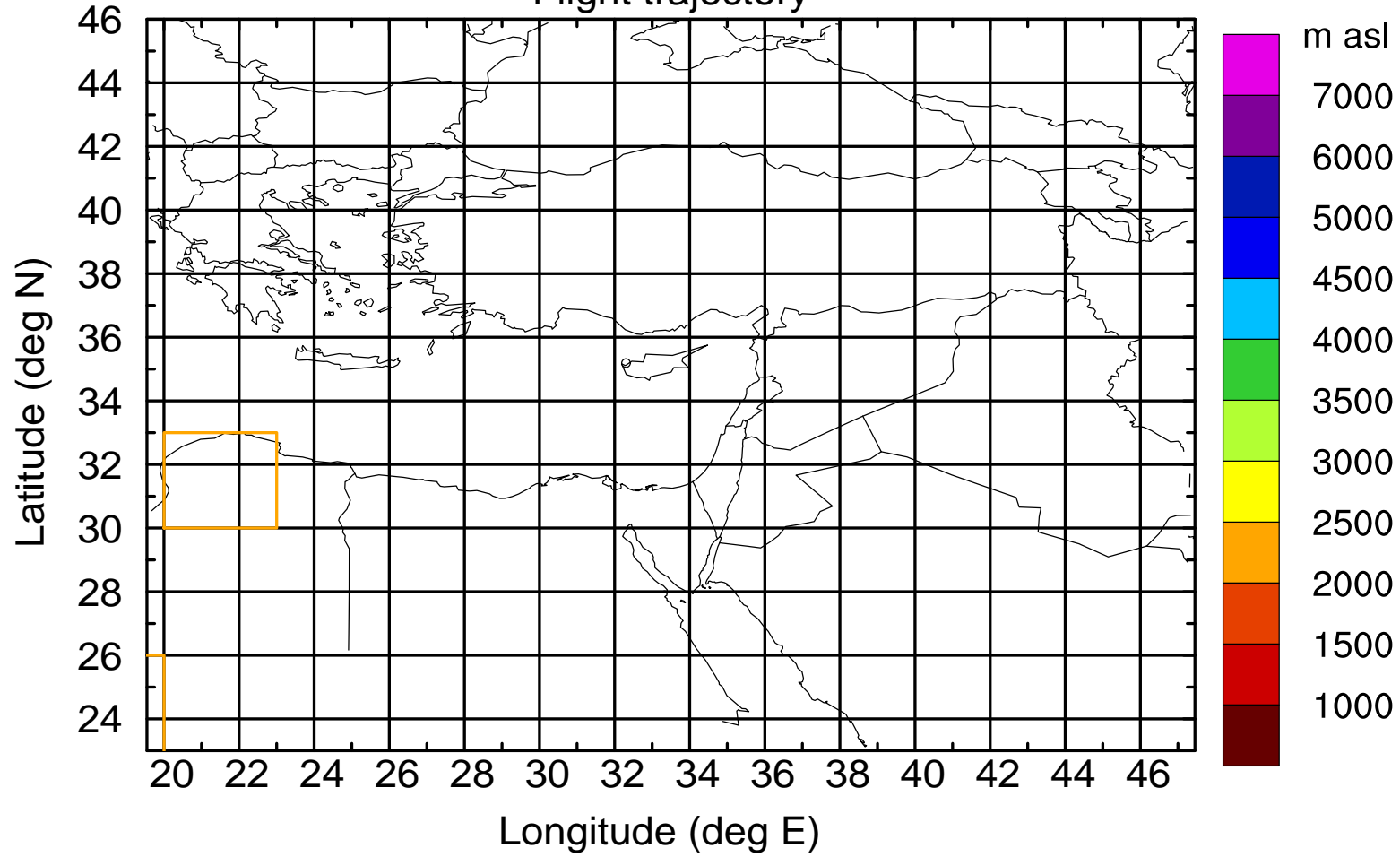
STS ground station 20170415

### Flight trajectory



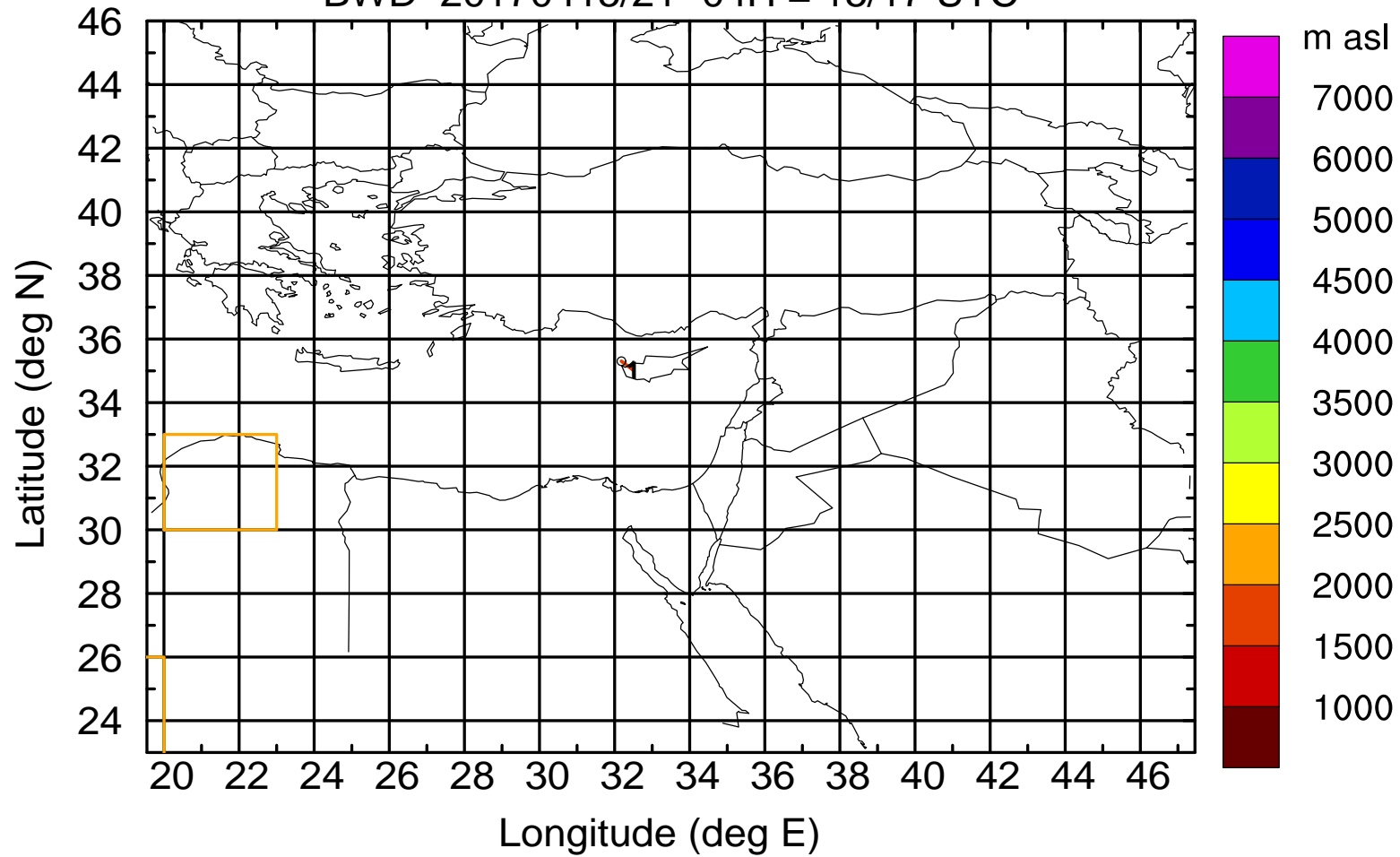
STS ground station 20170415

### Flight trajectory



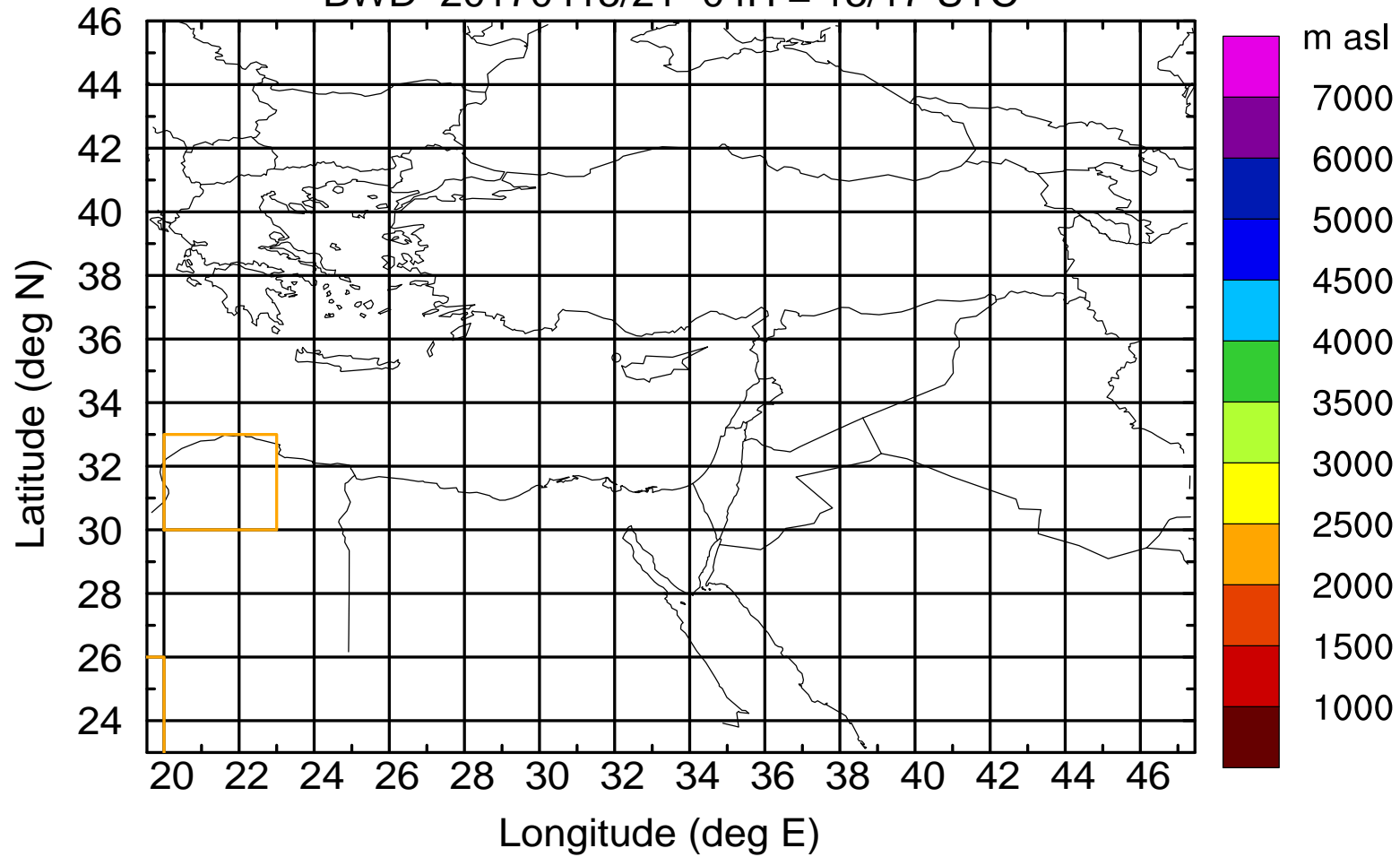
STS ground station 20170415

BWD 20170415/21 -04H = 15/17 UTC



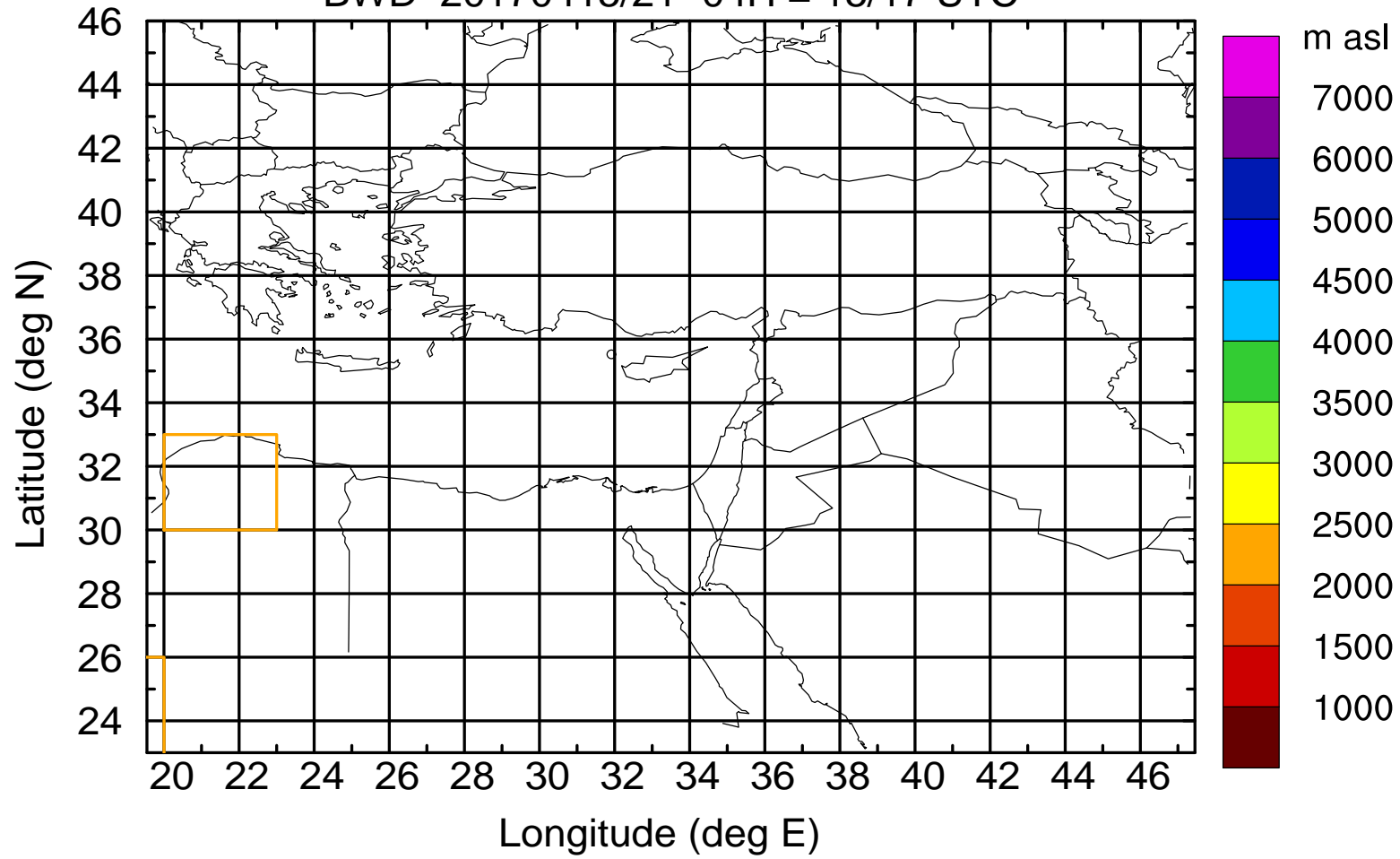
STS ground station 20170415

BWD 20170415/21 -04H = 15/17 UTC



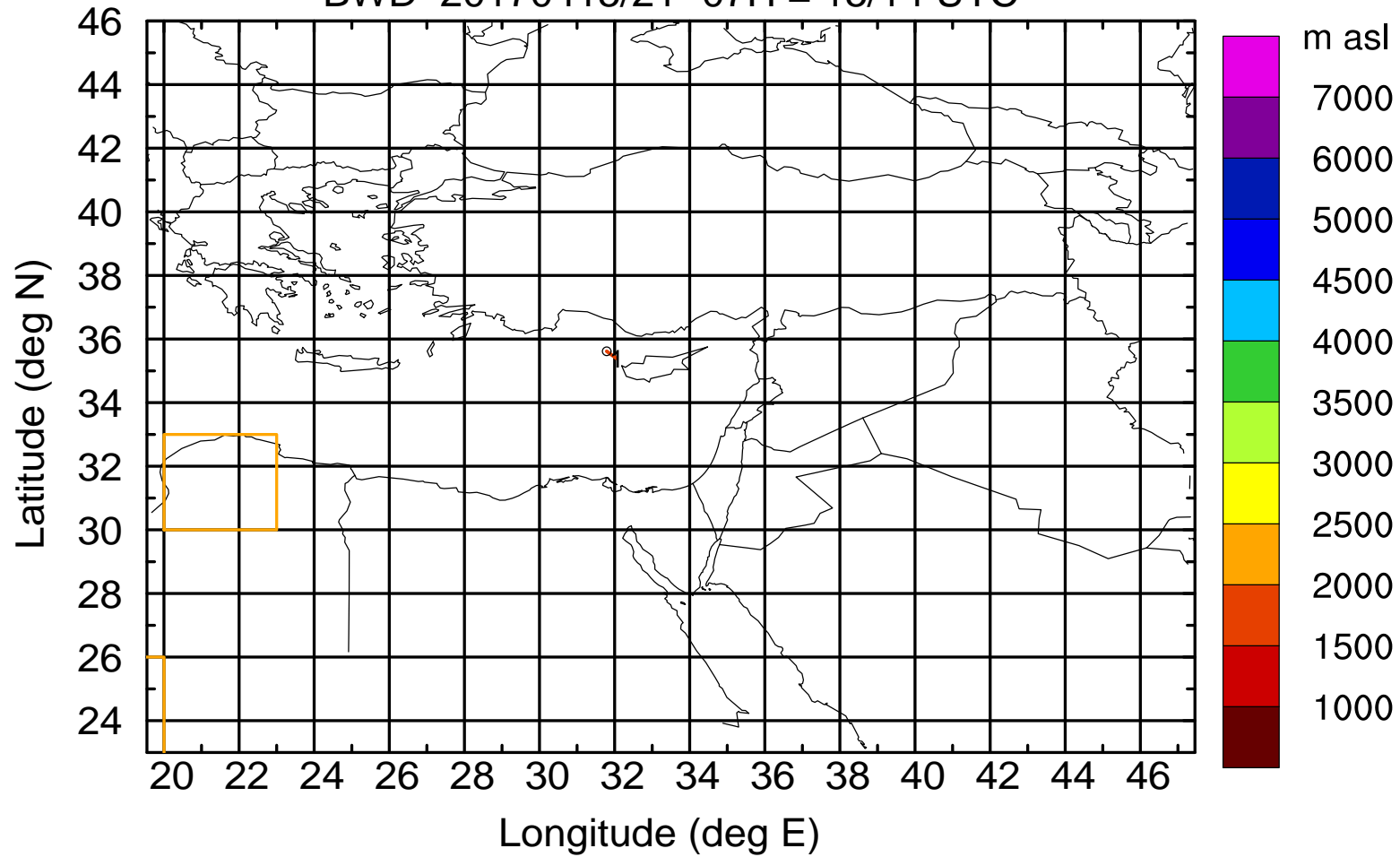
STS ground station 20170415

BWD 20170415/21 -04H = 15/17 UTC



STS ground station 20170415

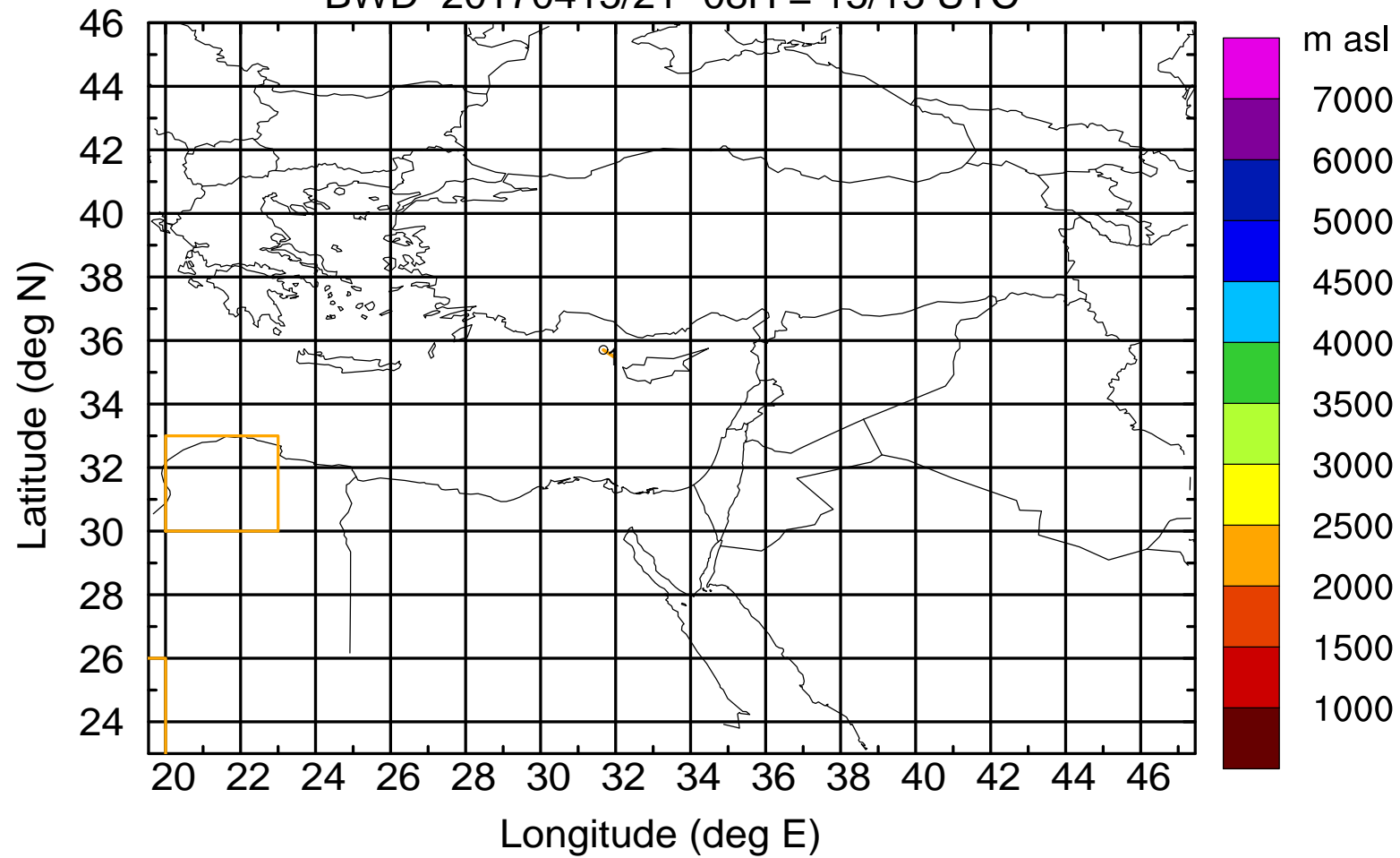
BWD 20170415/21 -07H = 15/14 UTC





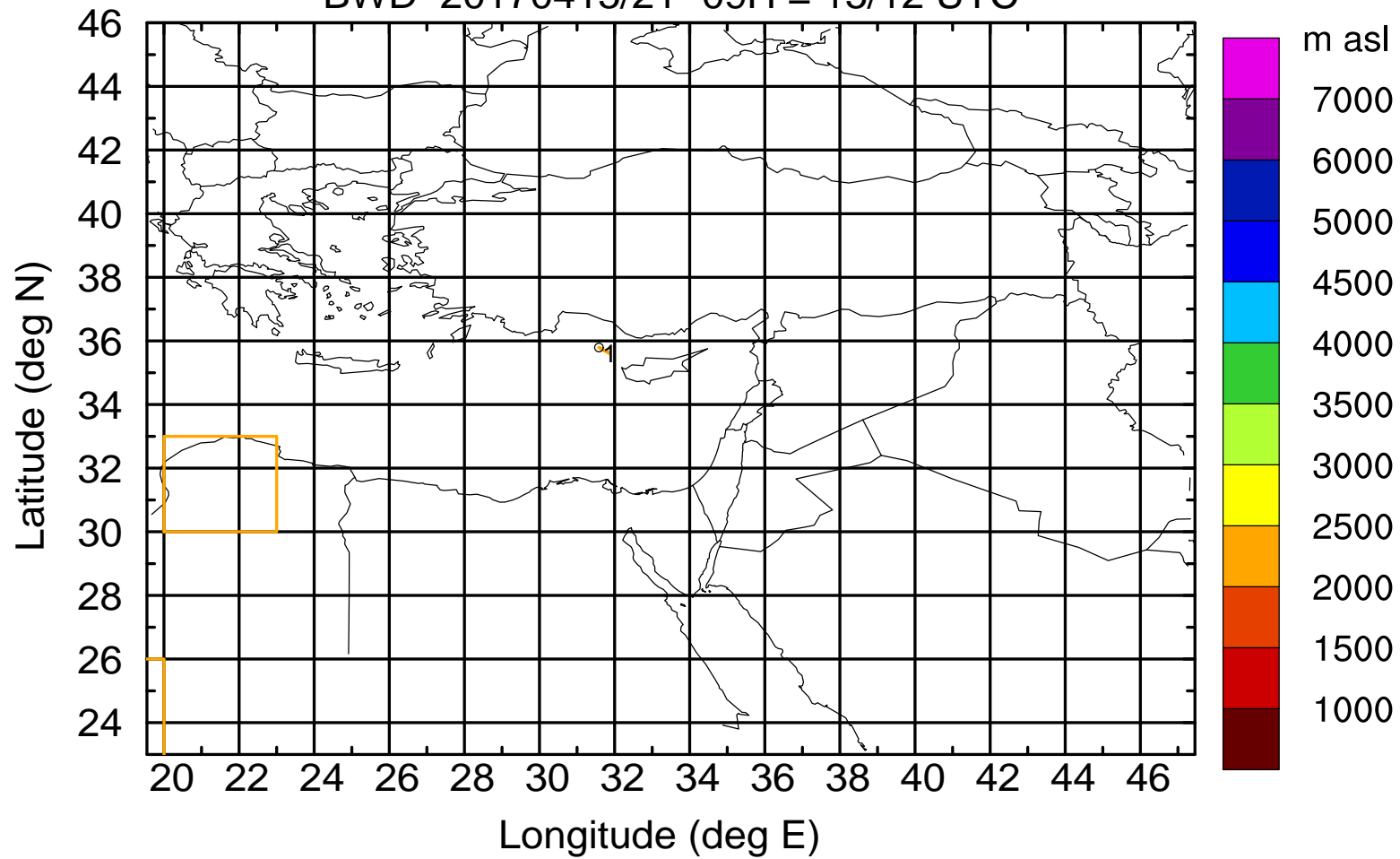
STS ground station 20170415

BWD 20170415/21 -08H = 15/13 UTC



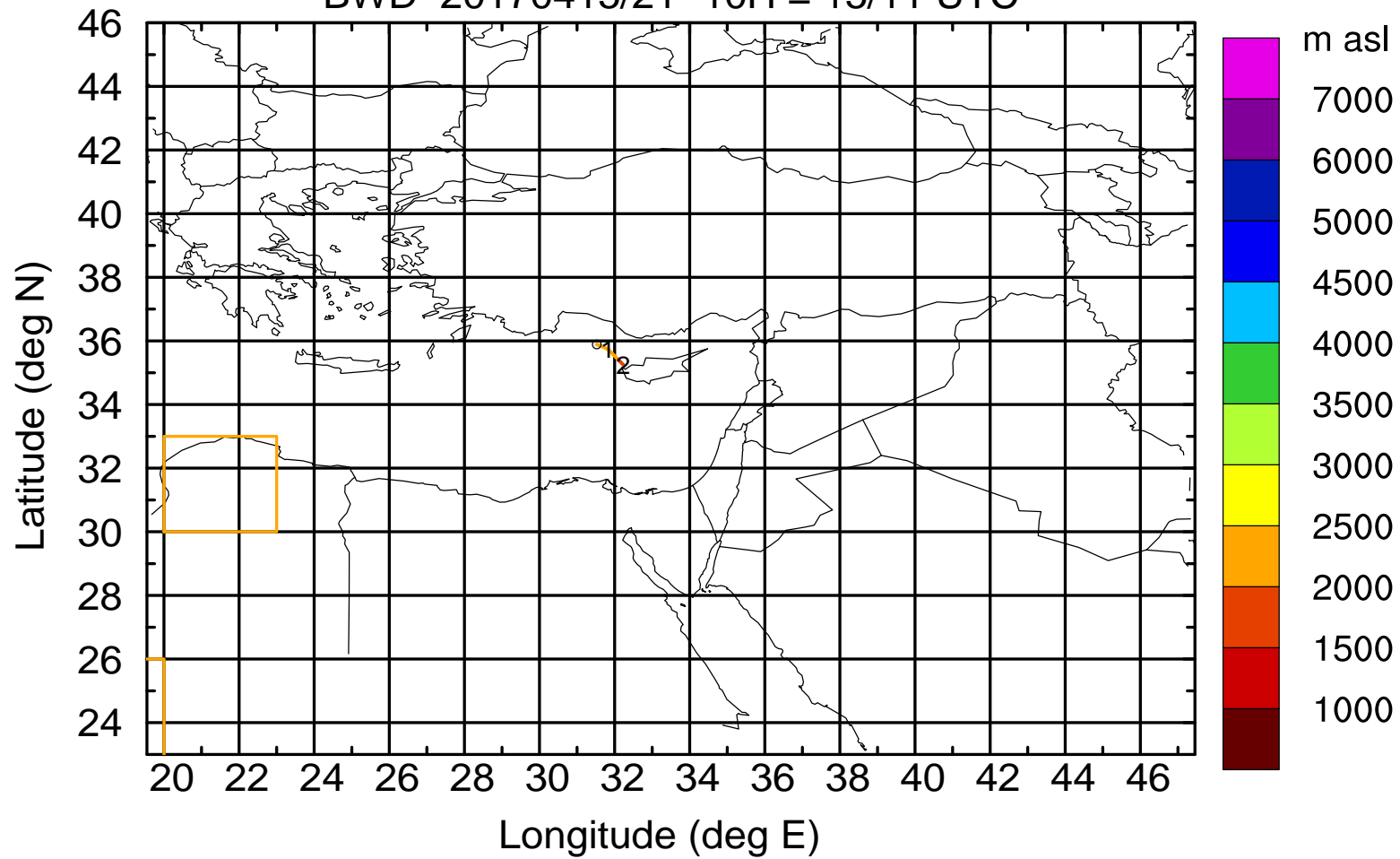
STS ground station 20170415

BWD 20170415/21 -09H = 15/12 UTC



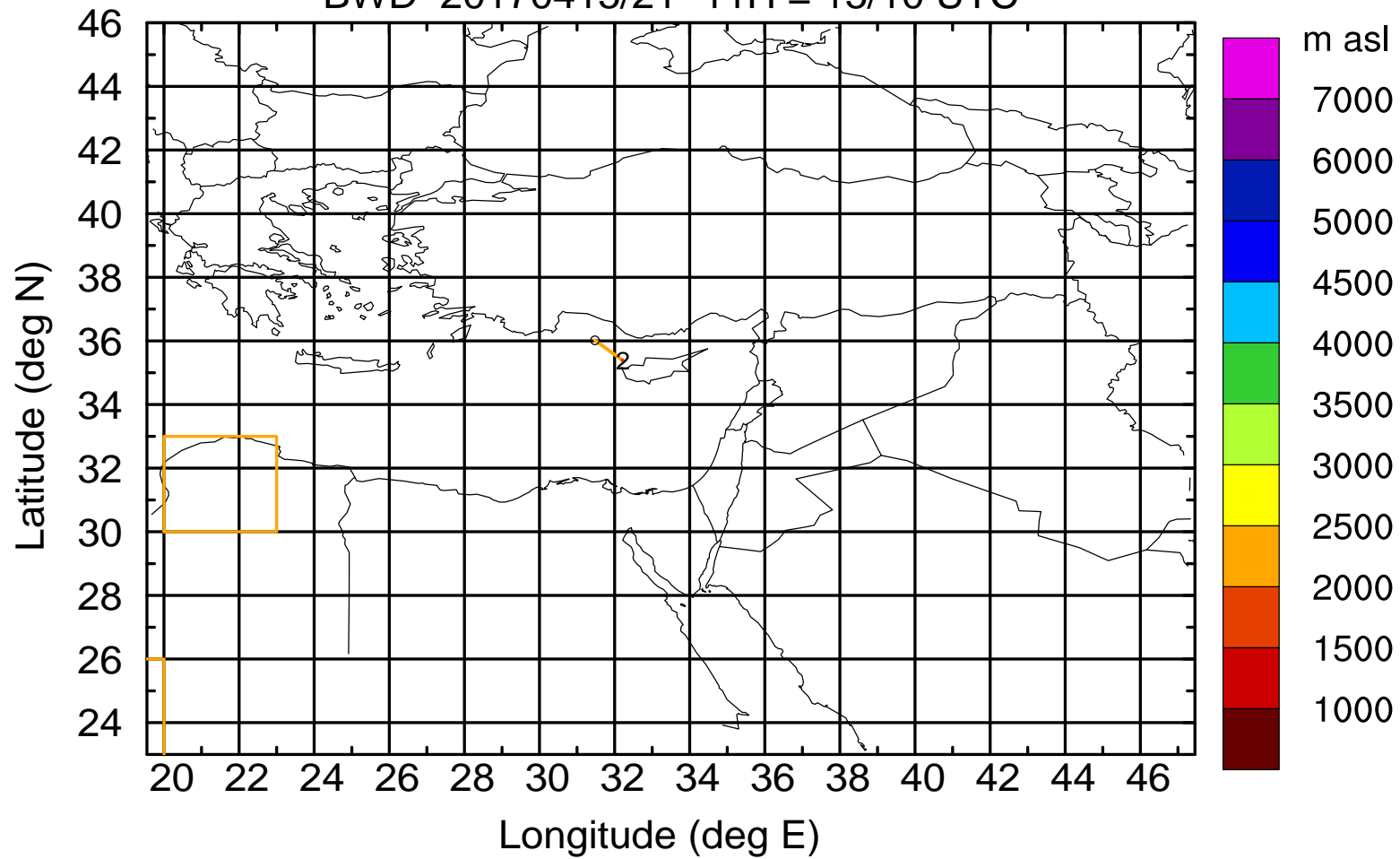
STS ground station 20170415

BWD 20170415/21 -10H = 15/11 UTC



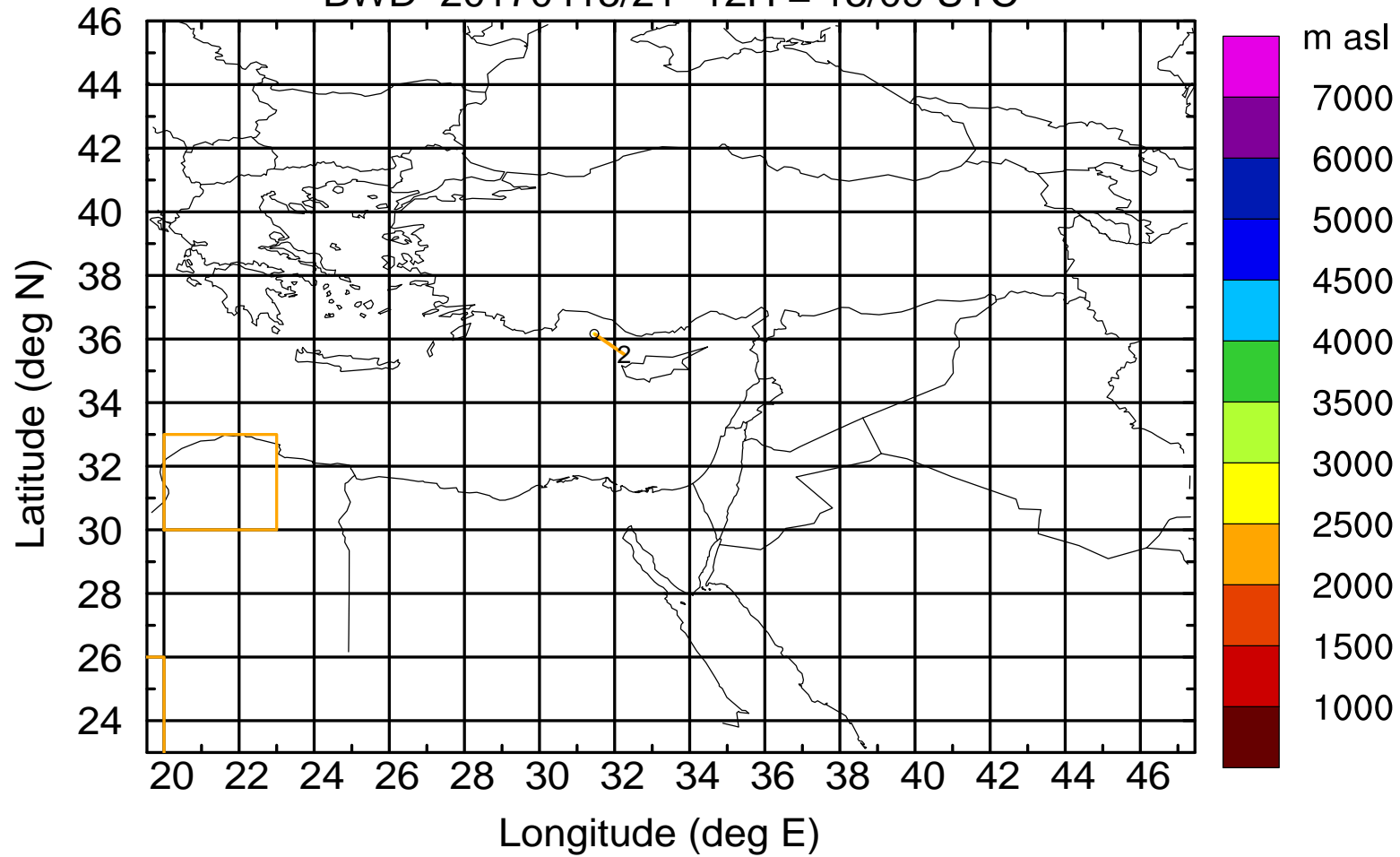
STS ground station 20170415

BWD 20170415/21 -11H = 15/10 UTC



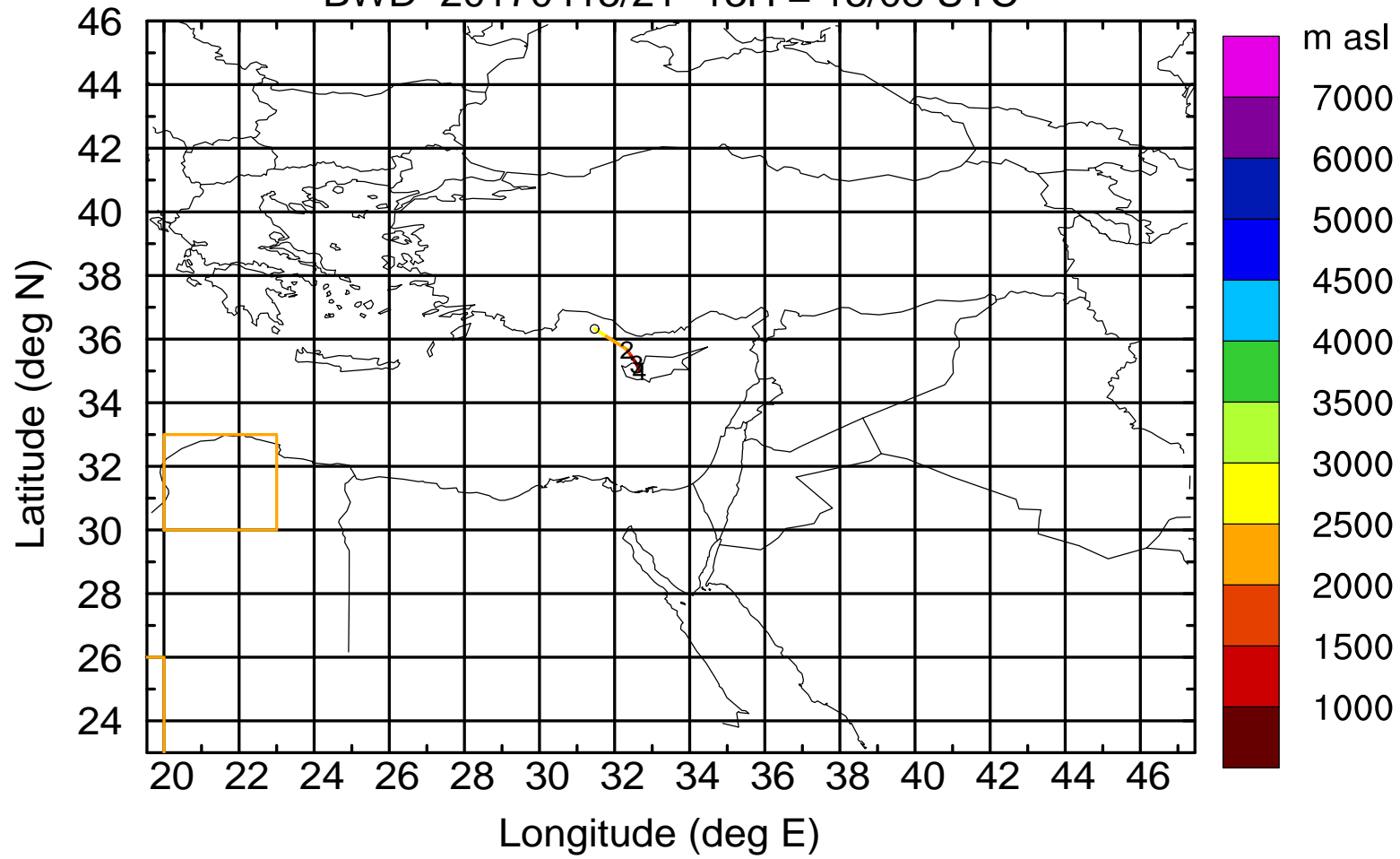
STS ground station 20170415

BWD 20170415/21 -12H = 15/09 UTC



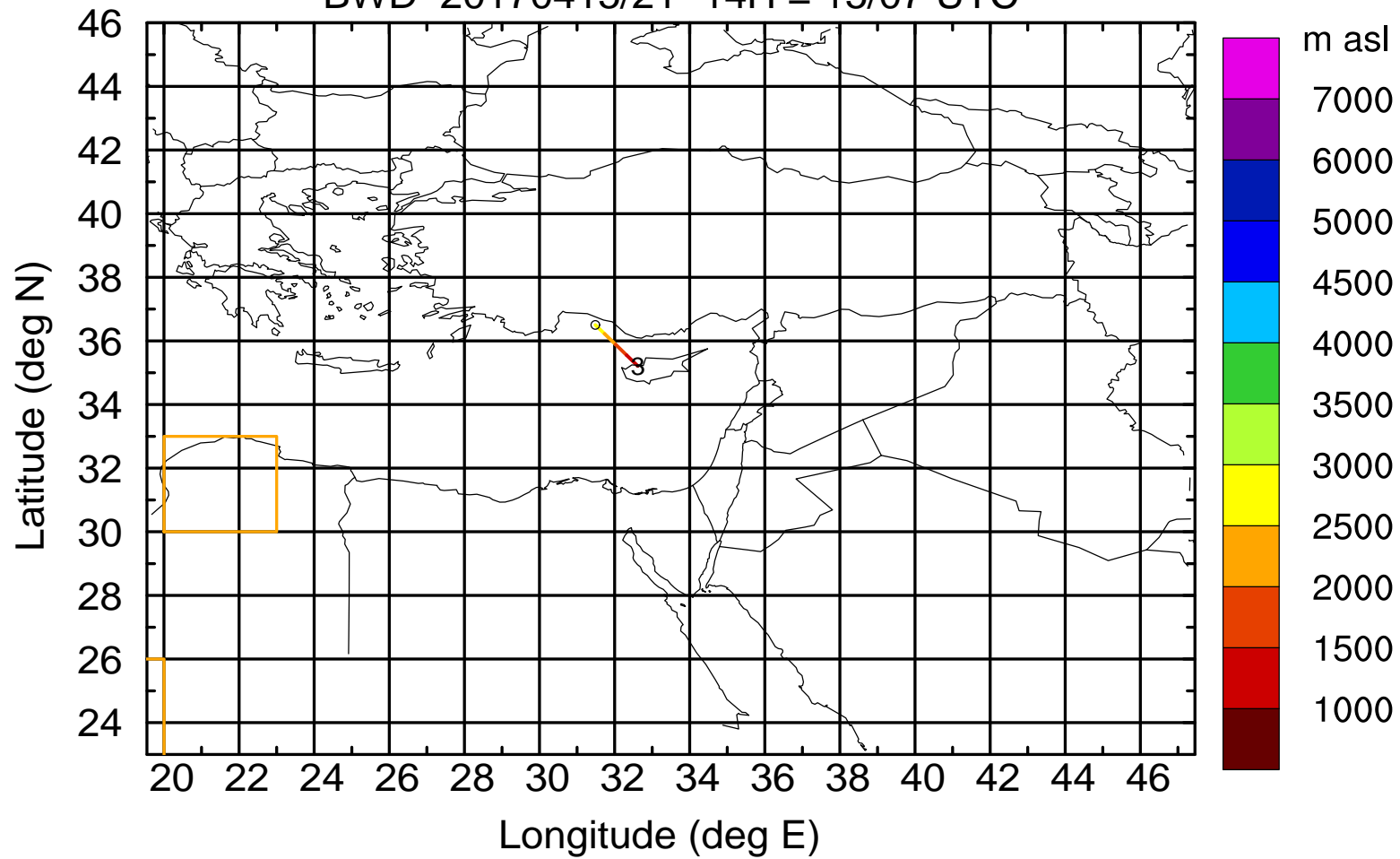
STS ground station 20170415

BWD 20170415/21 -13H = 15/08 UTC



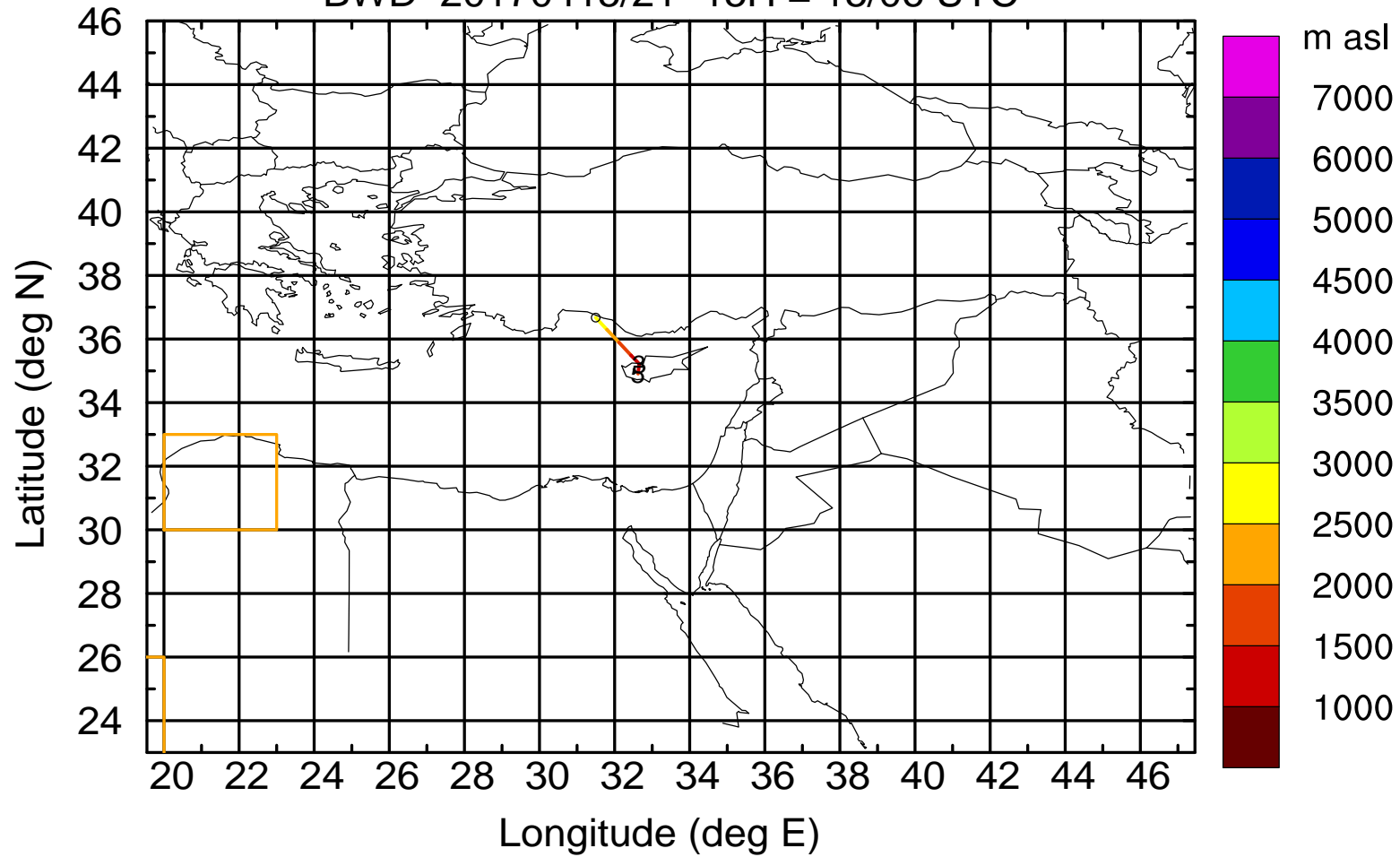
STS ground station 20170415

BWD 20170415/21 -14H = 15/07 UTC



STS ground station 20170415

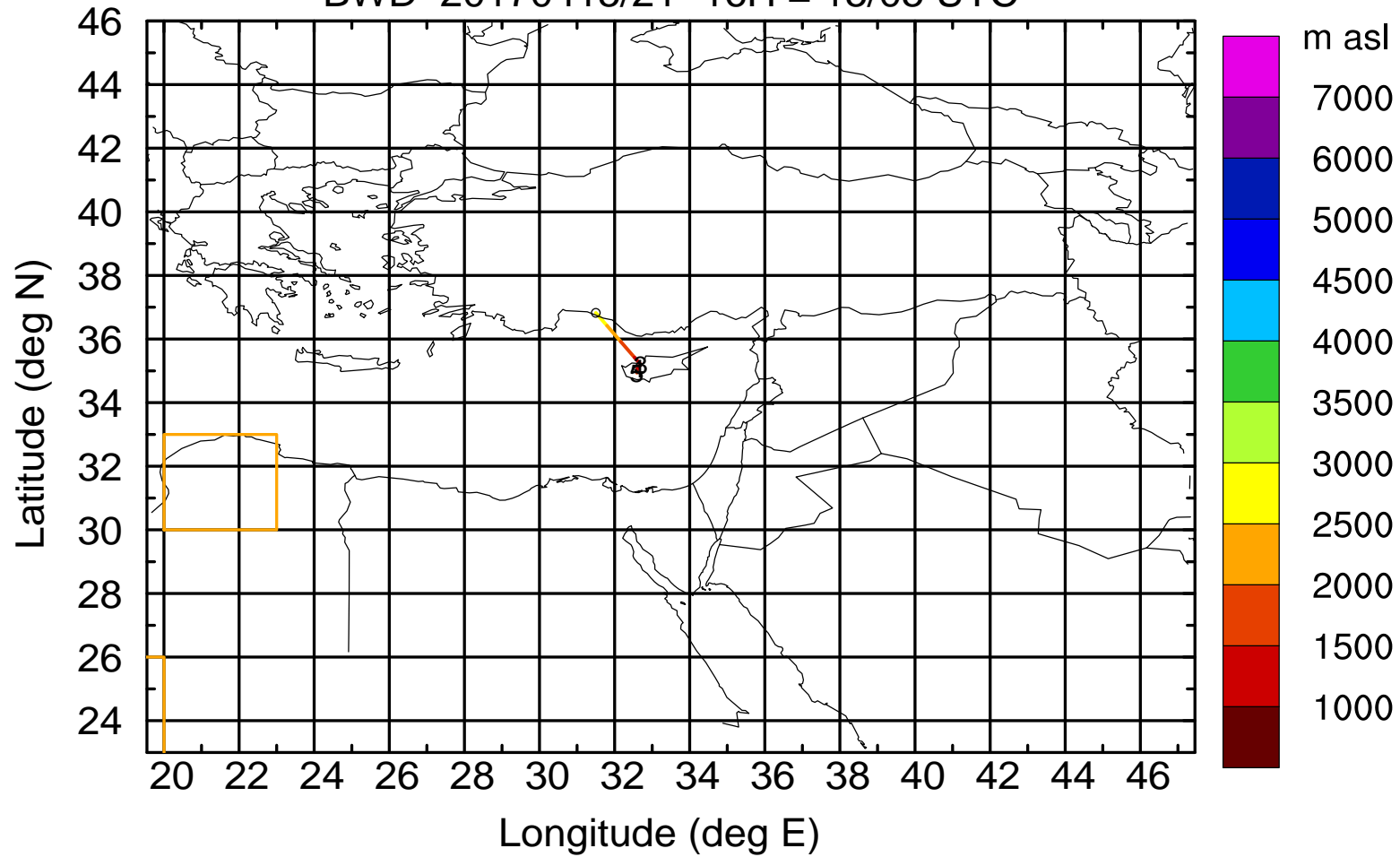
BWD 20170415/21 -15H = 15/06 UTC





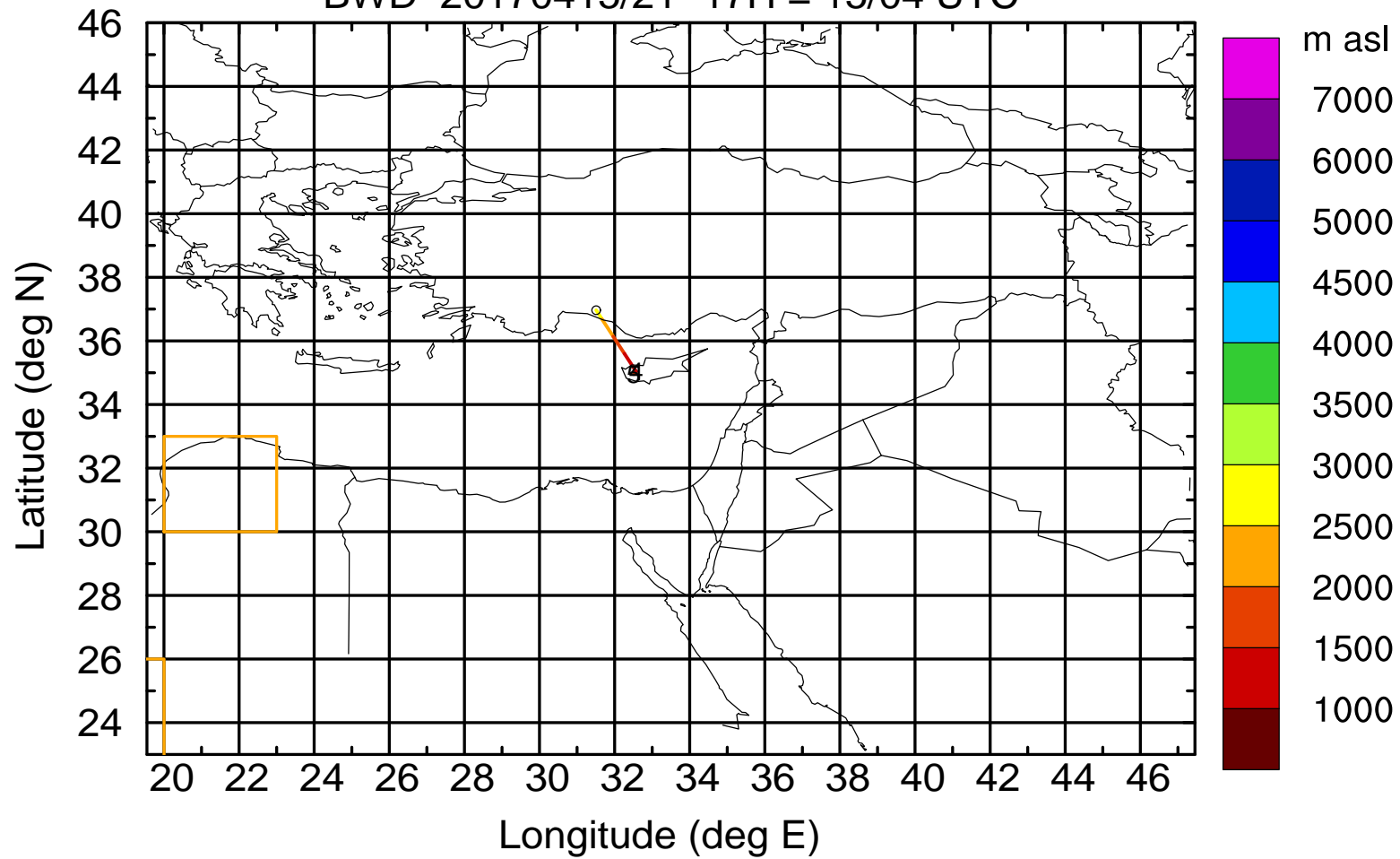
STS ground station 20170415

BWD 20170415/21 -16H = 15/05 UTC



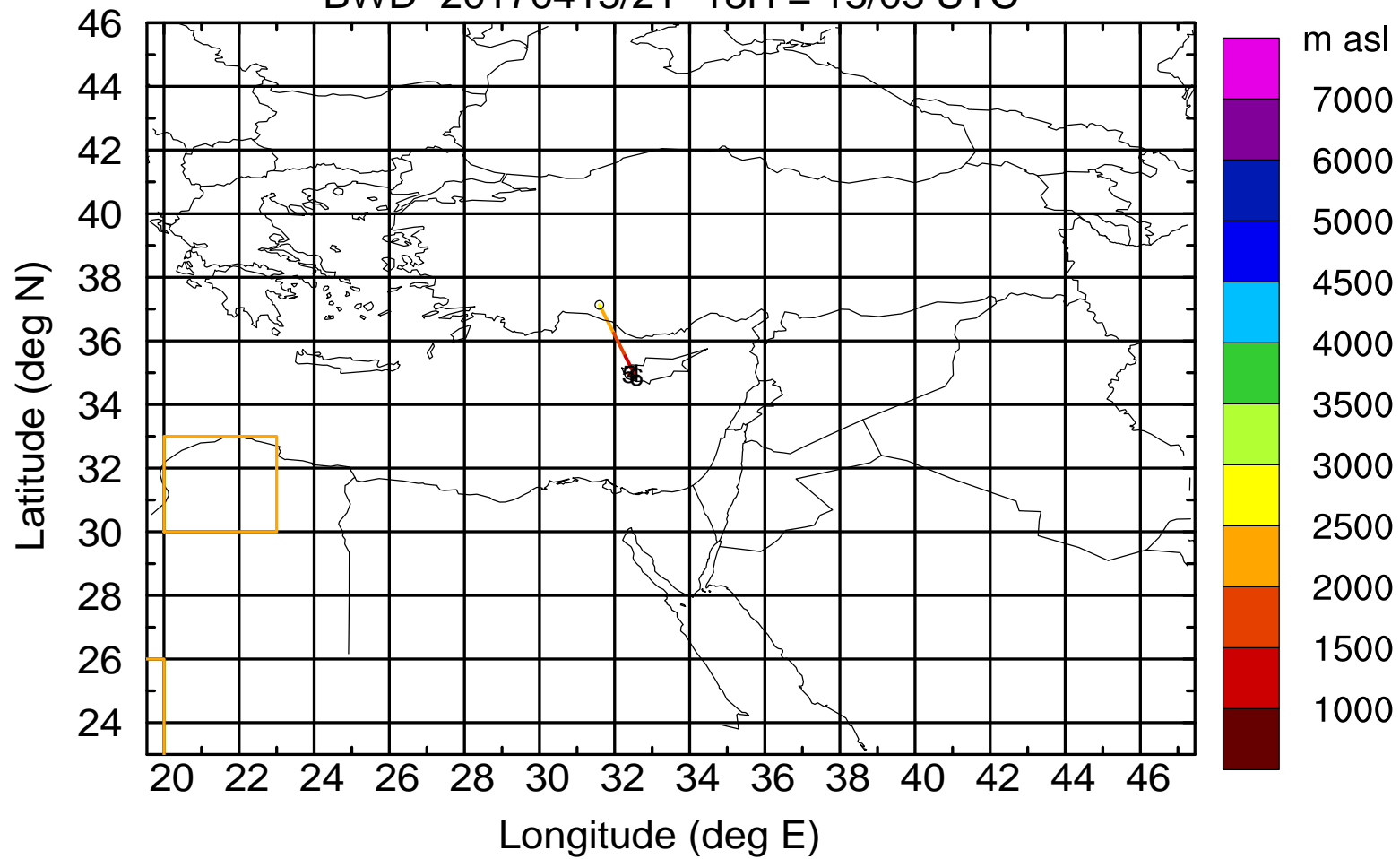
STS ground station 20170415

BWD 20170415/21 -17H = 15/04 UTC



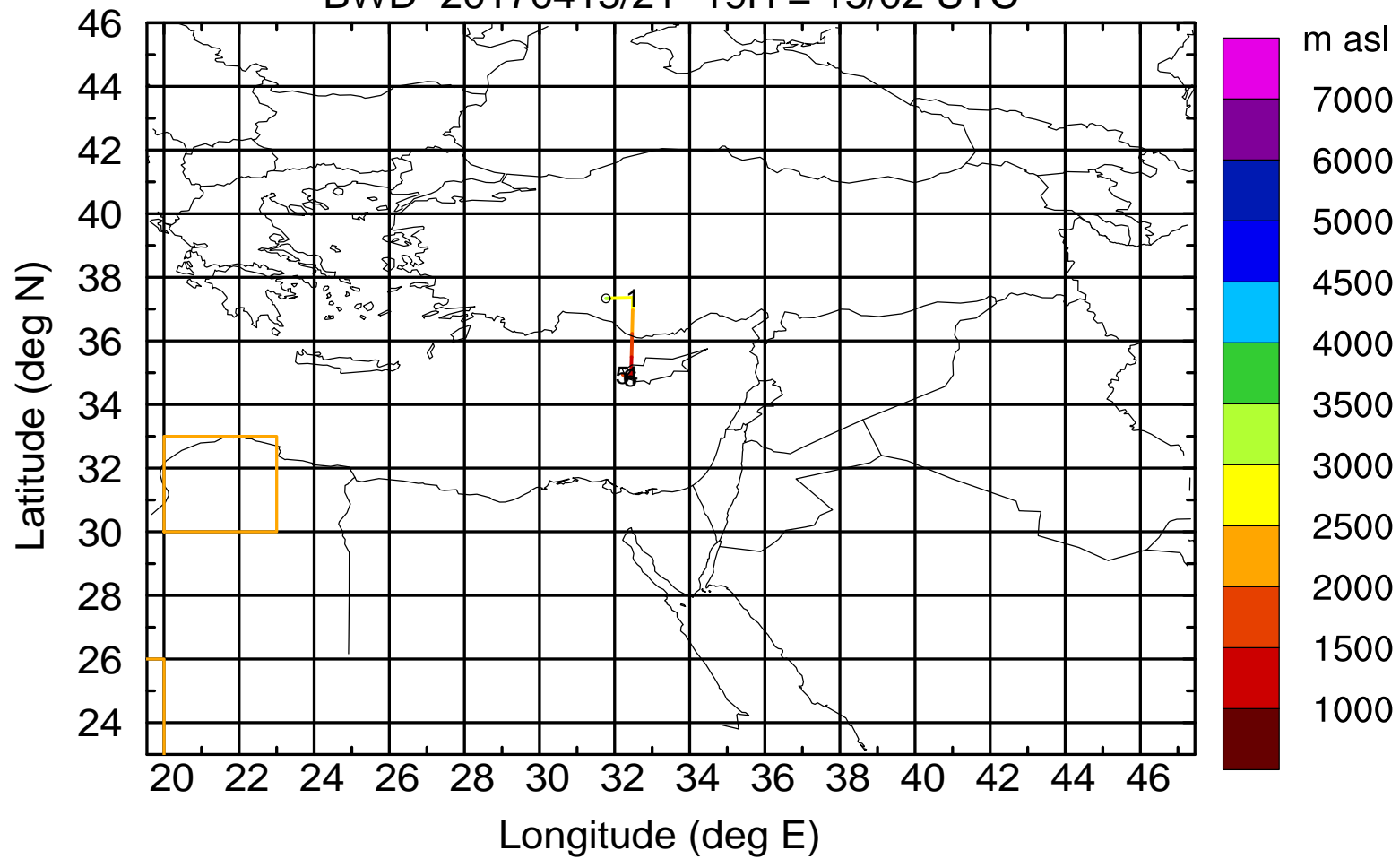
STS ground station 20170415

BWD 20170415/21 -18H = 15/03 UTC



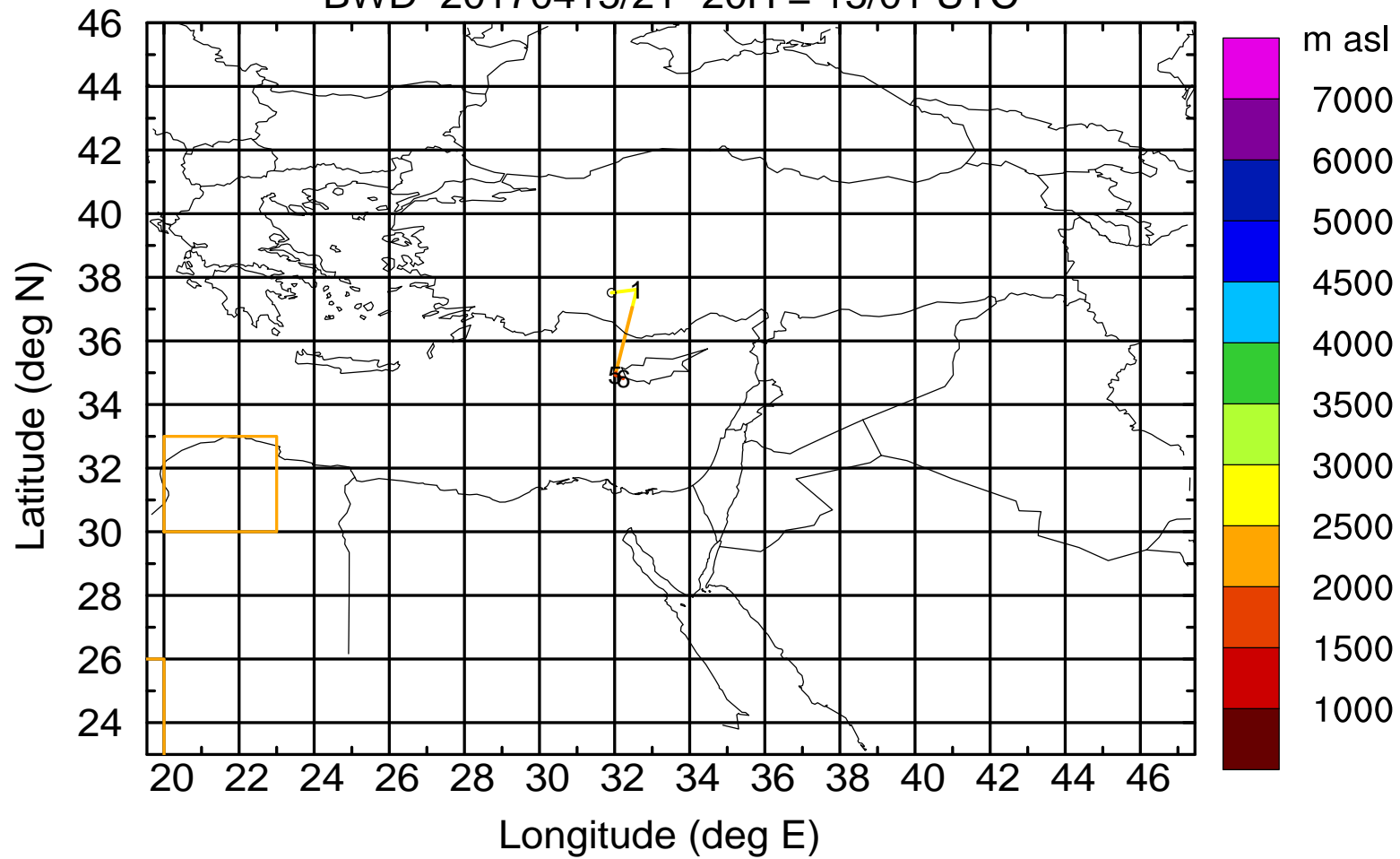
STS ground station 20170415

BWD 20170415/21 -19H = 15/02 UTC



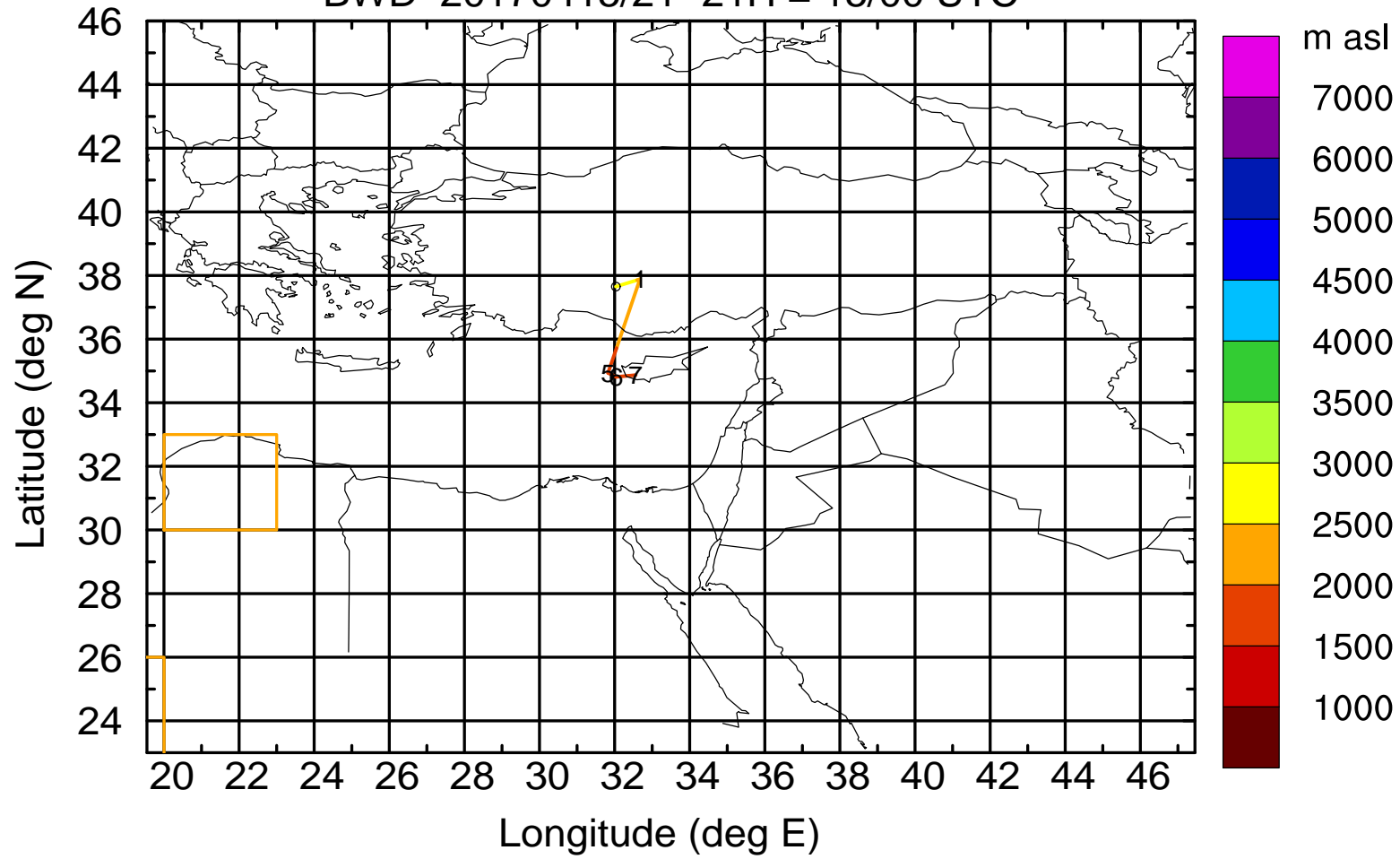
STS ground station 20170415

BWD 20170415/21 -20H = 15/01 UTC



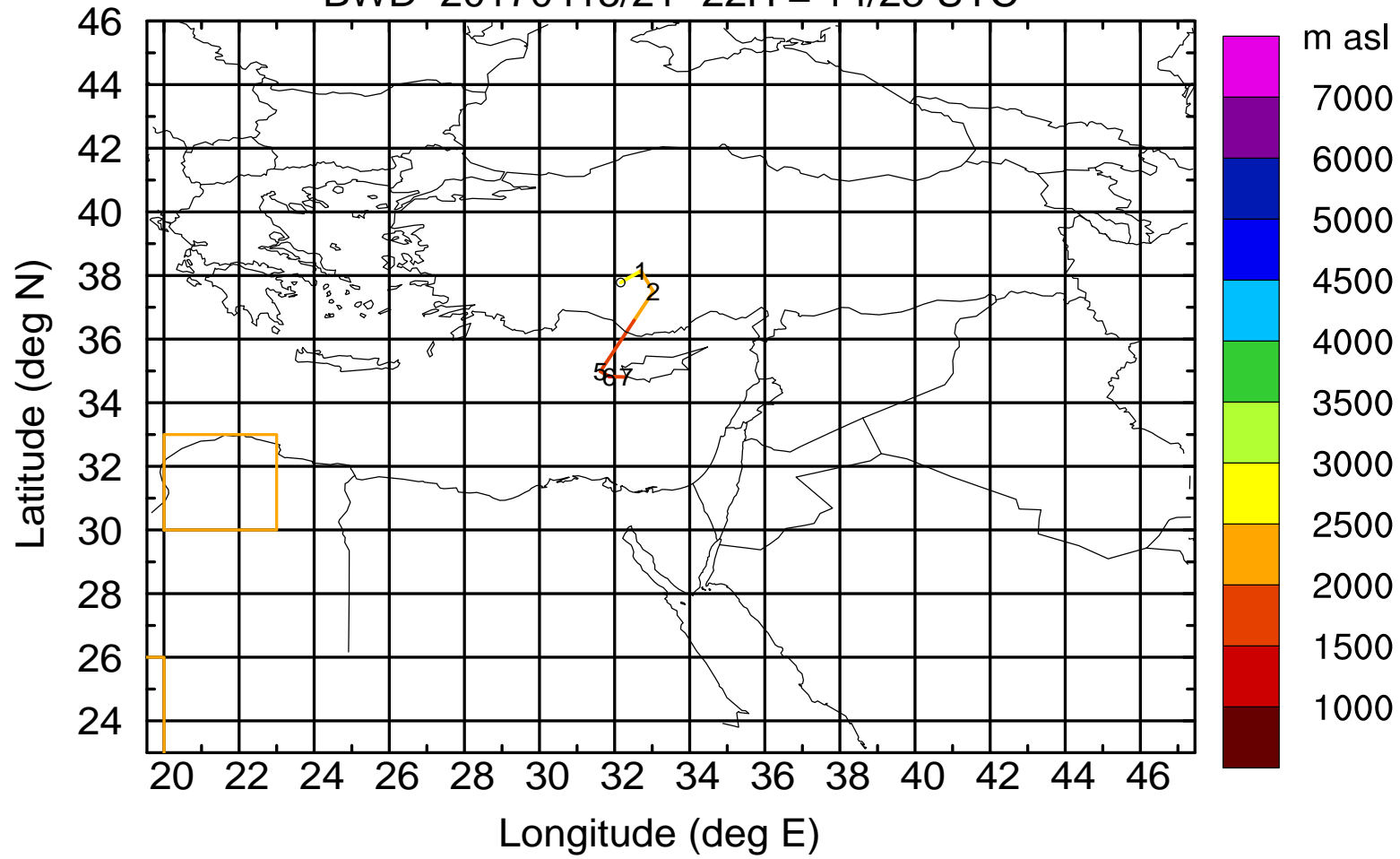
STS ground station 20170415

BWD 20170415/21 -21H = 15/00 UTC



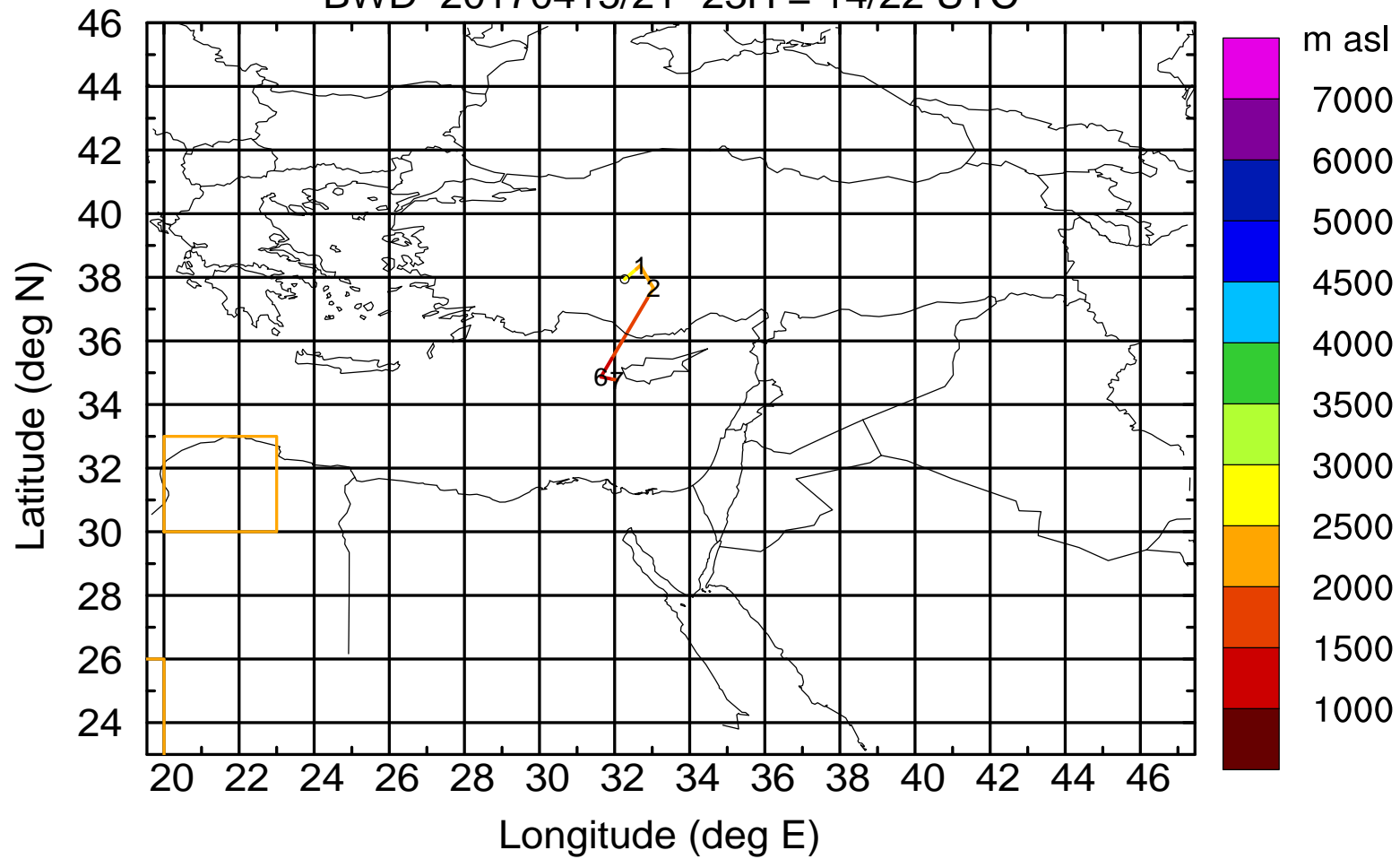
STS ground station 20170415

BWD 20170415/21 -22H = 14/23 UTC



STS ground station 20170415

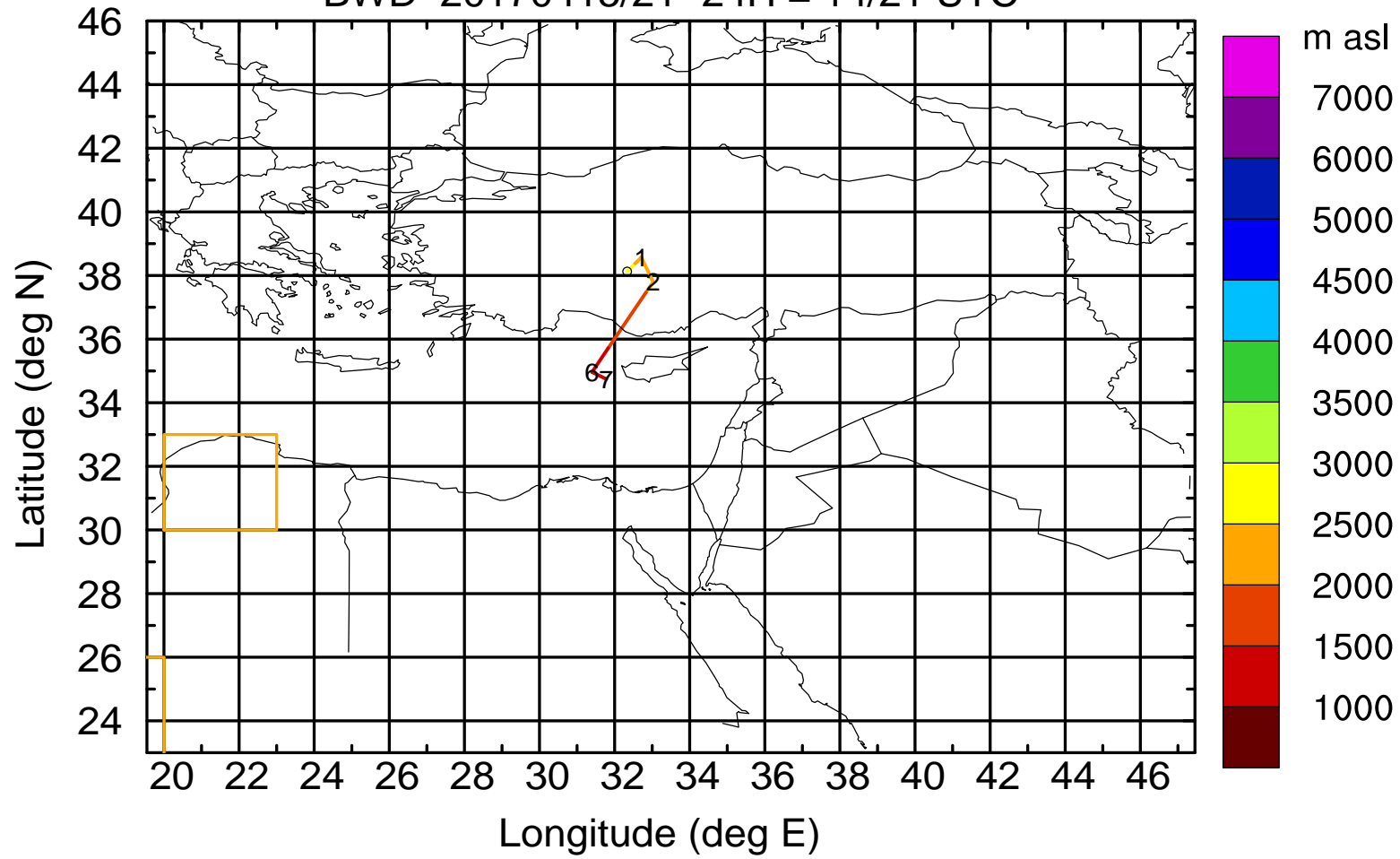
BWD 20170415/21 -23H = 14/22 UTC





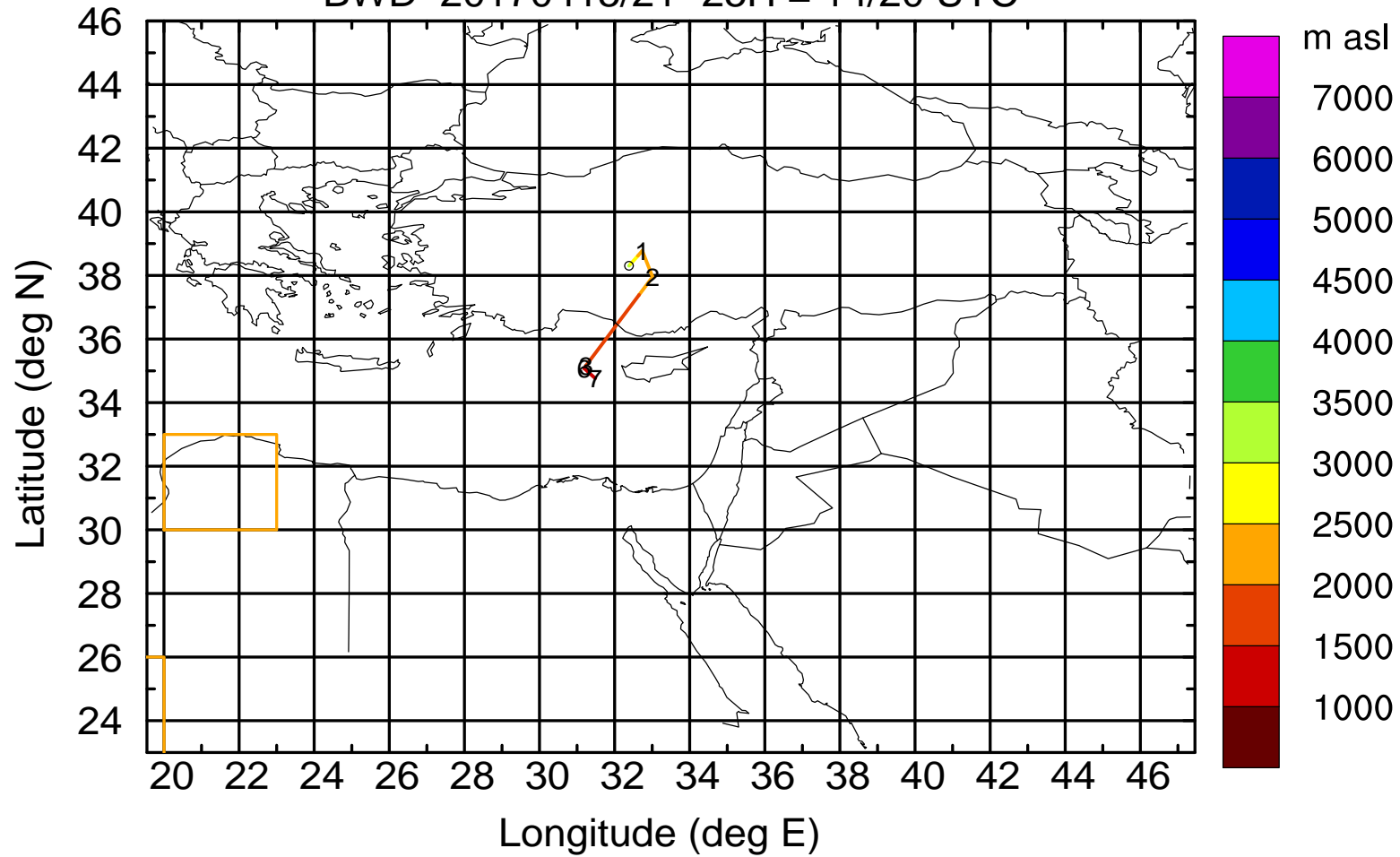
STS ground station 20170415

BWD 20170415/21 -24H = 14/21 UTC



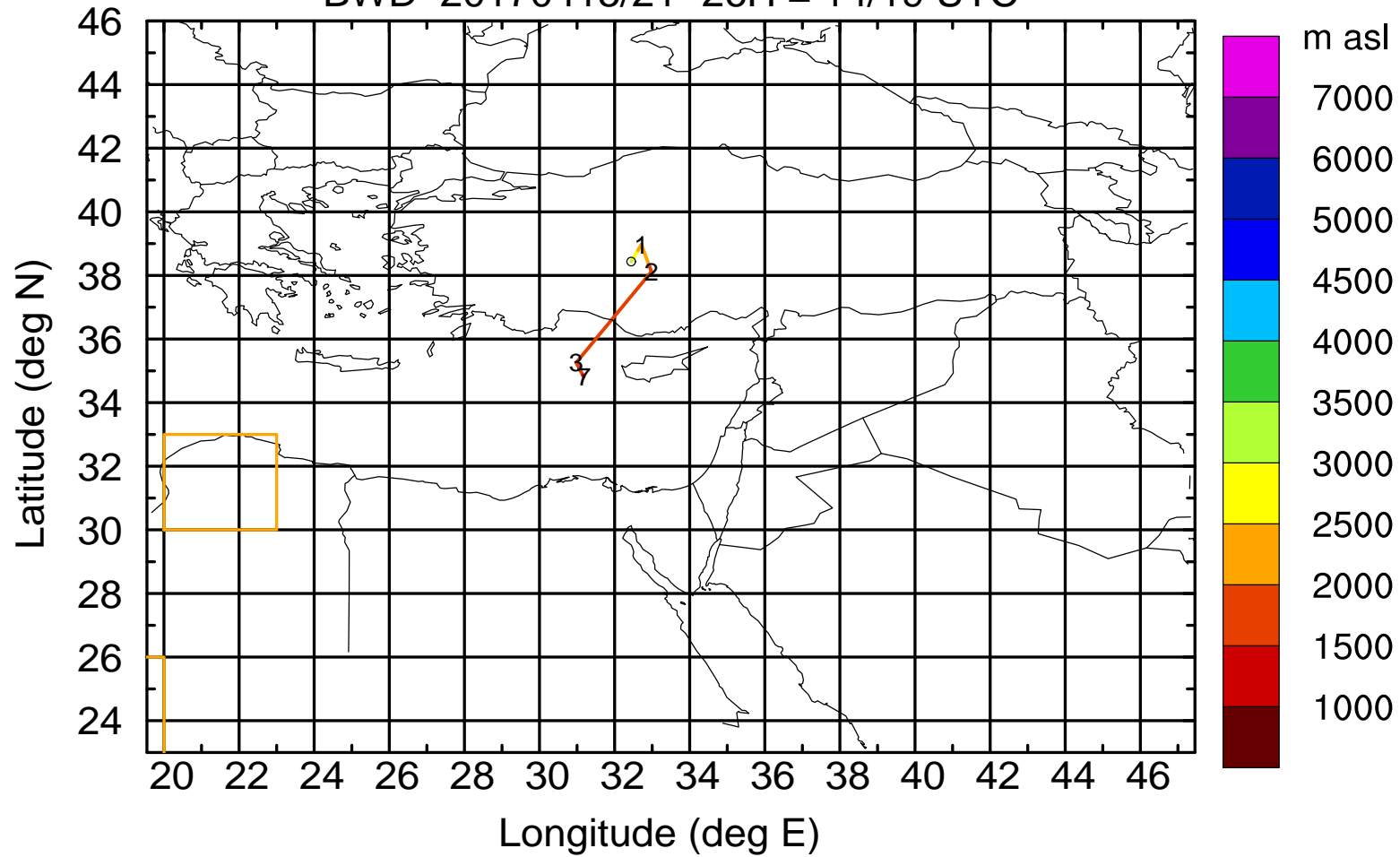
STS ground station 20170415

BWD 20170415/21 -25H = 14/20 UTC



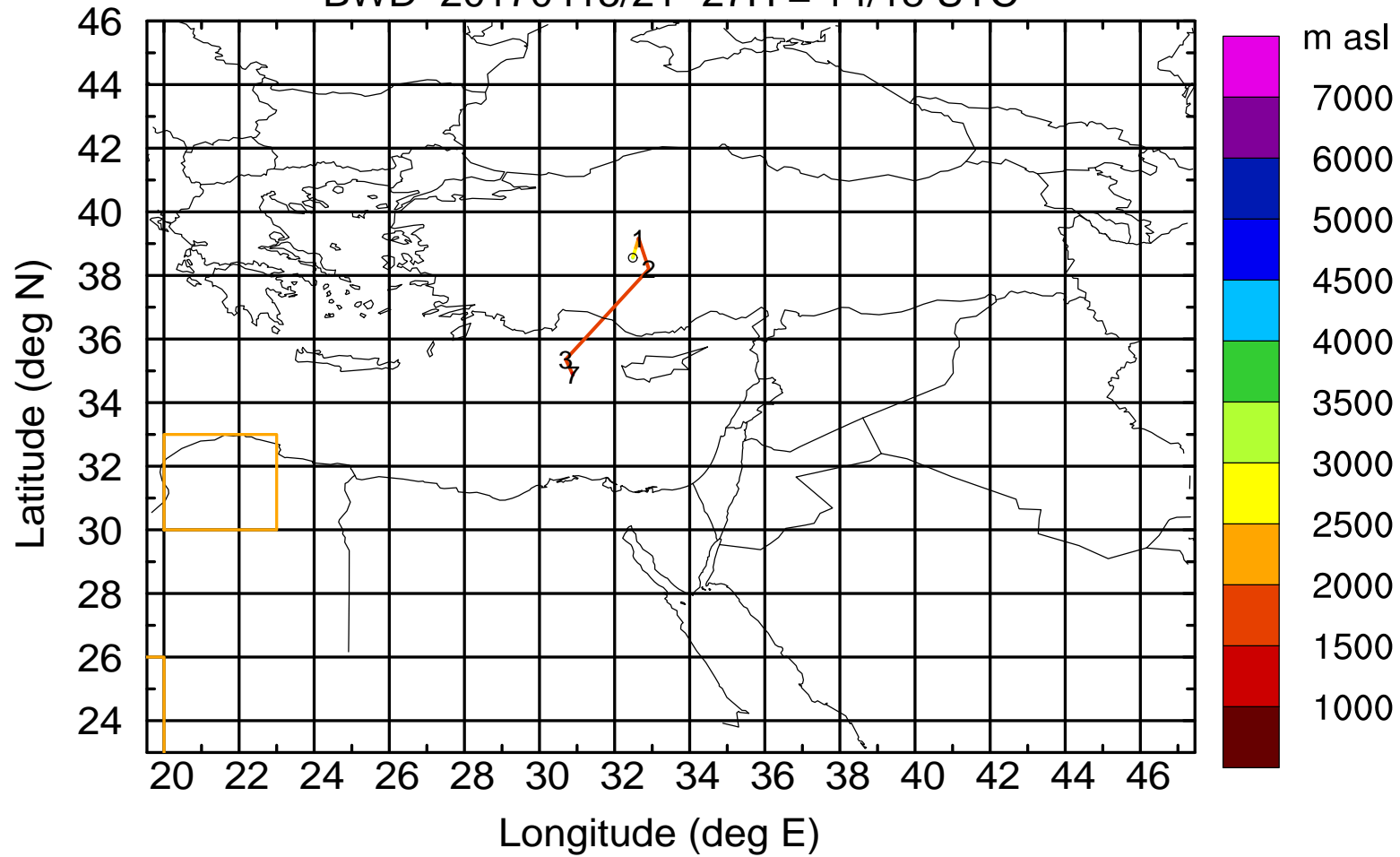
STS ground station 20170415

BWD 20170415/21 -26H = 14/19 UTC



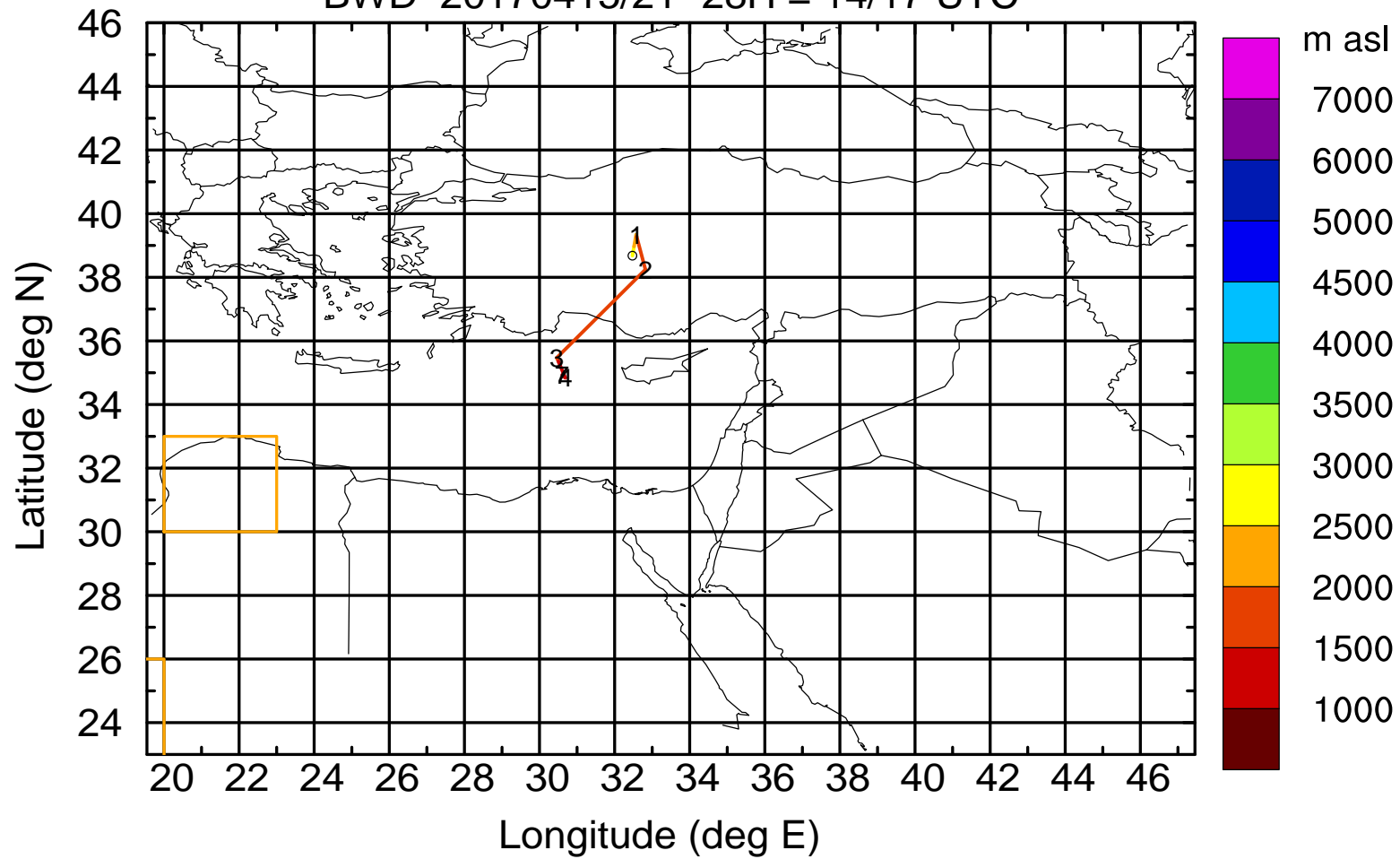
STS ground station 20170415

BWD 20170415/21 -27H = 14/18 UTC



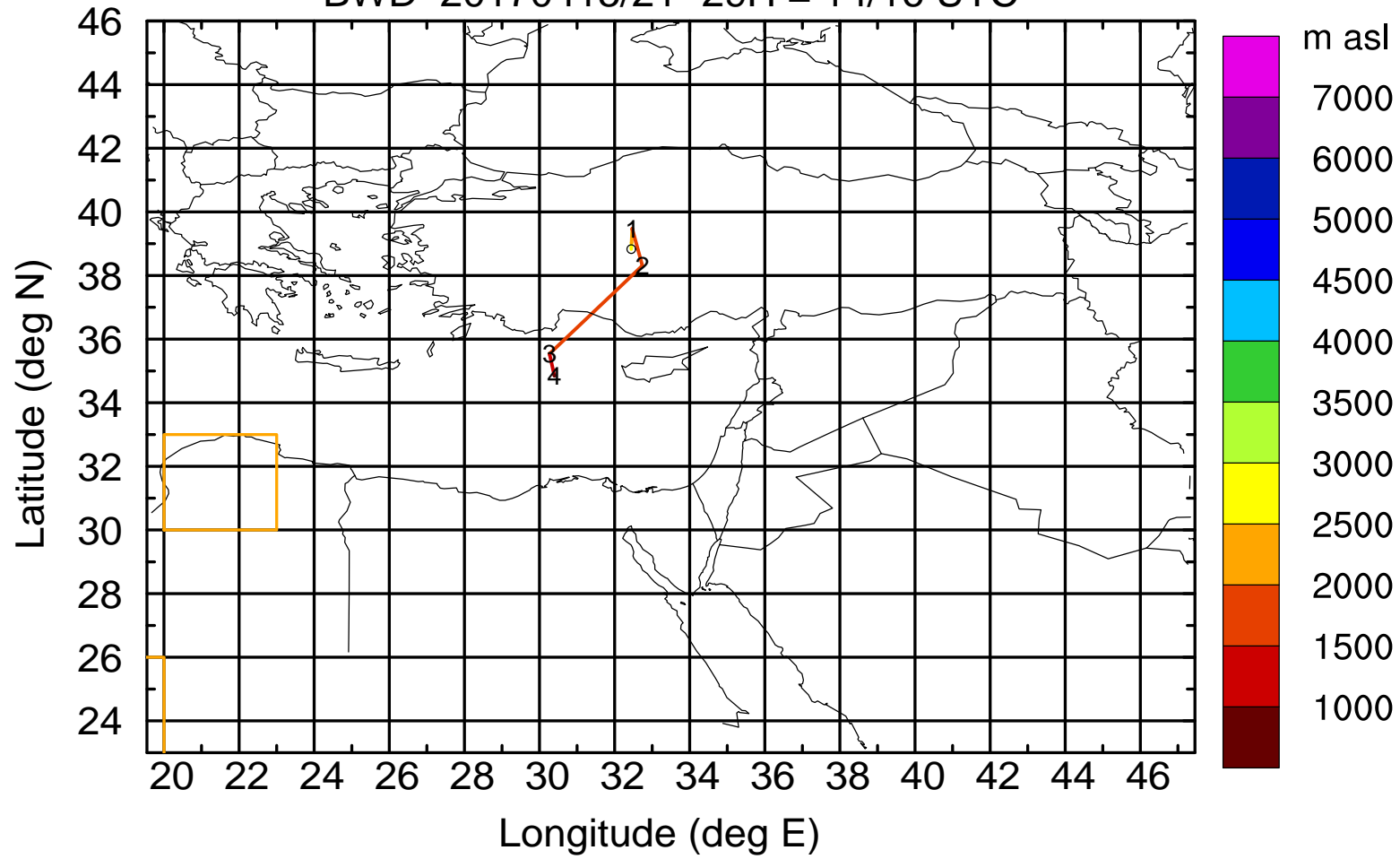
STS ground station 20170415

BWD 20170415/21 -28H = 14/17 UTC



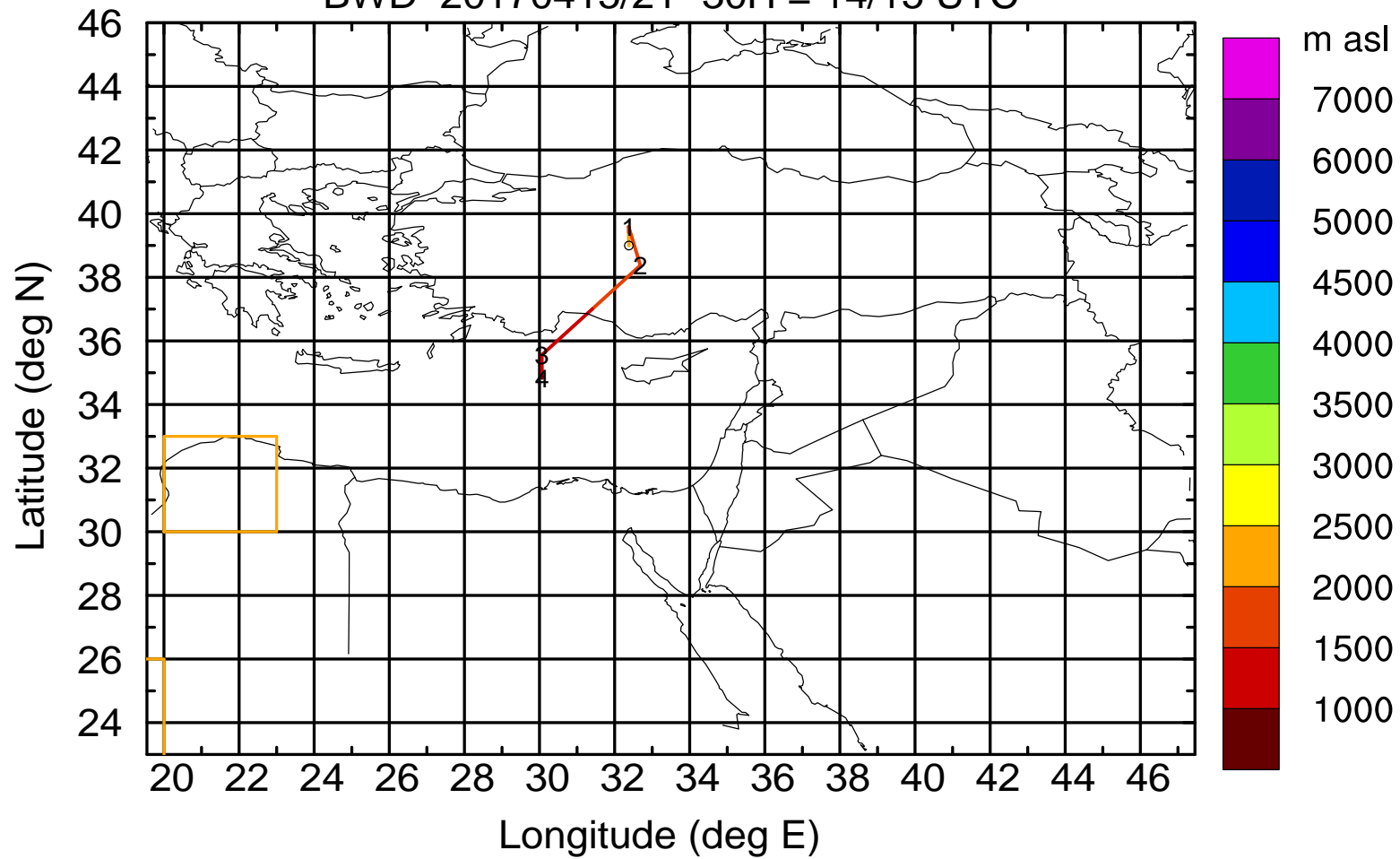
STS ground station 20170415

BWD 20170415/21 -29H = 14/16 UTC



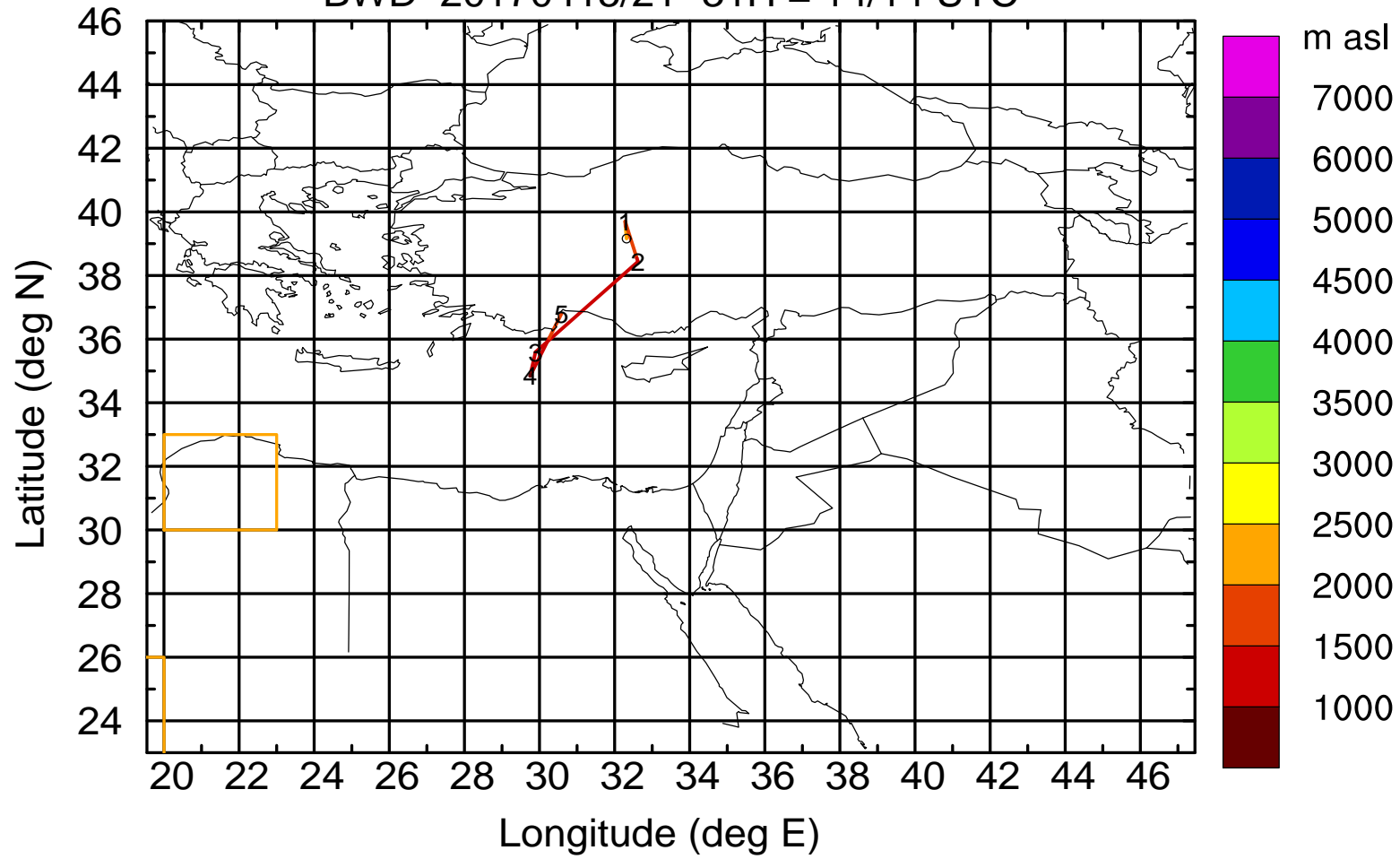
STS ground station 20170415

BWD 20170415/21 -30H = 14/15 UTC



STS ground station 20170415

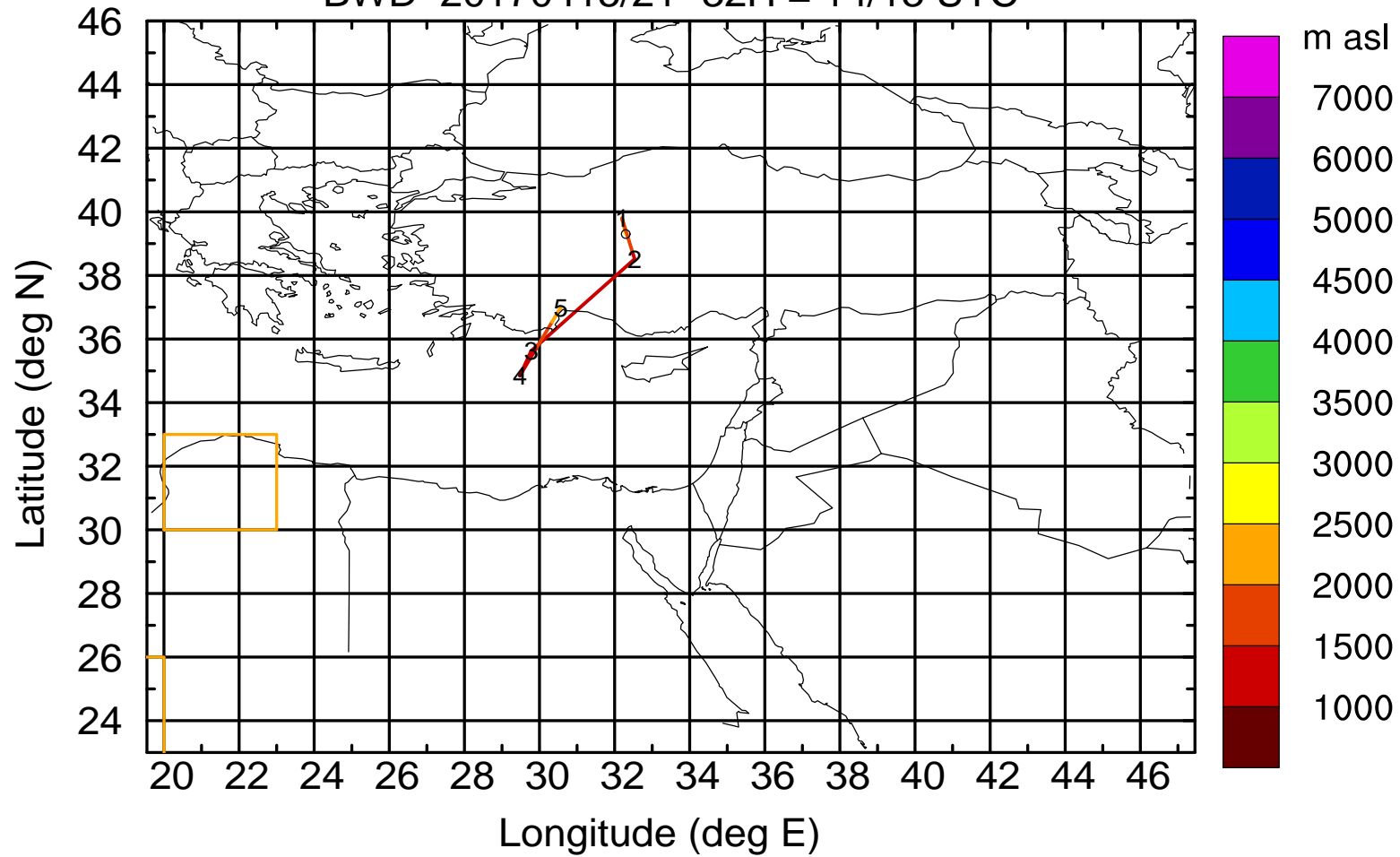
BWD 20170415/21 -31H = 14/14 UTC





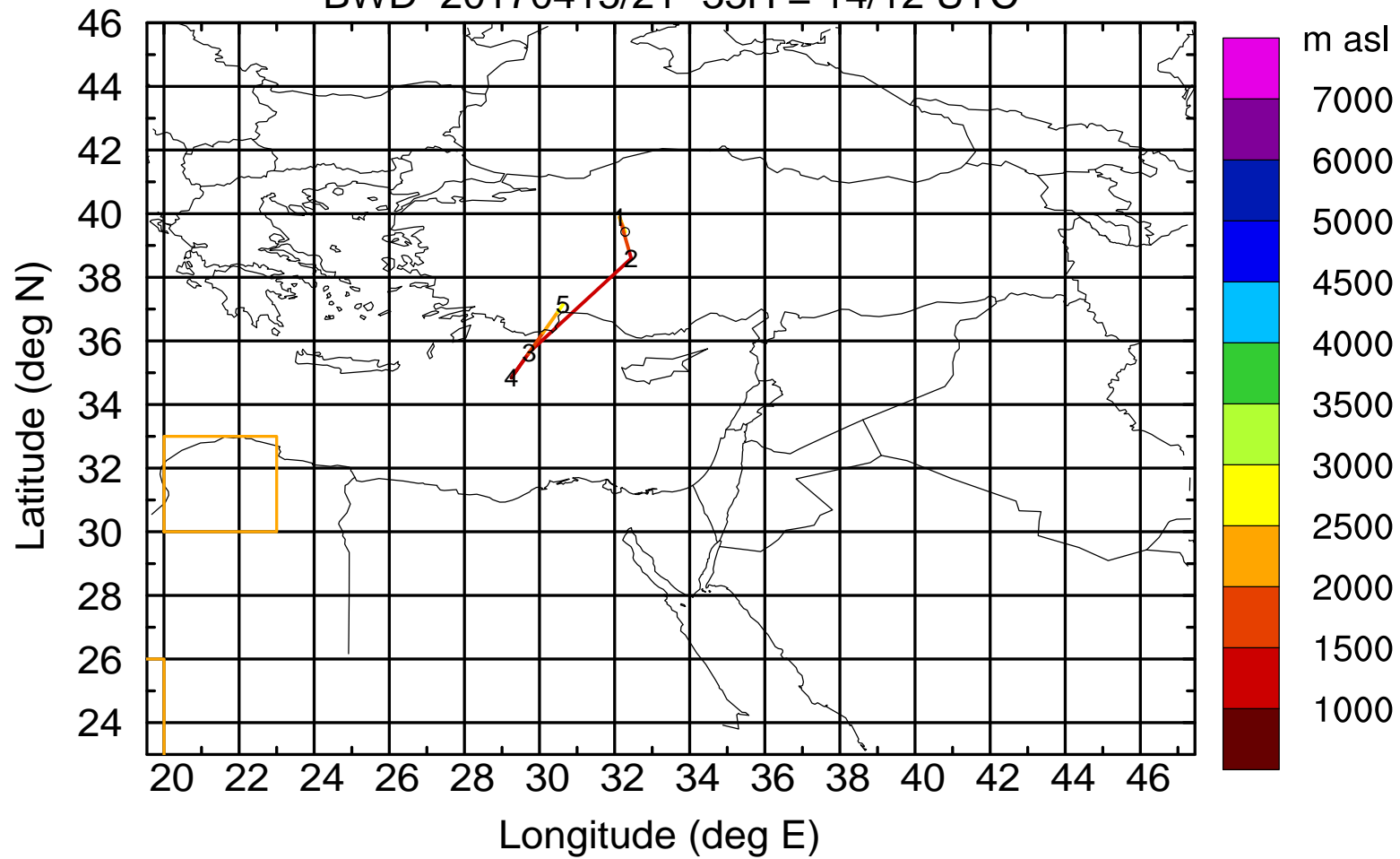
STS ground station 20170415

BWD 20170415/21 -32H = 14/13 UTC



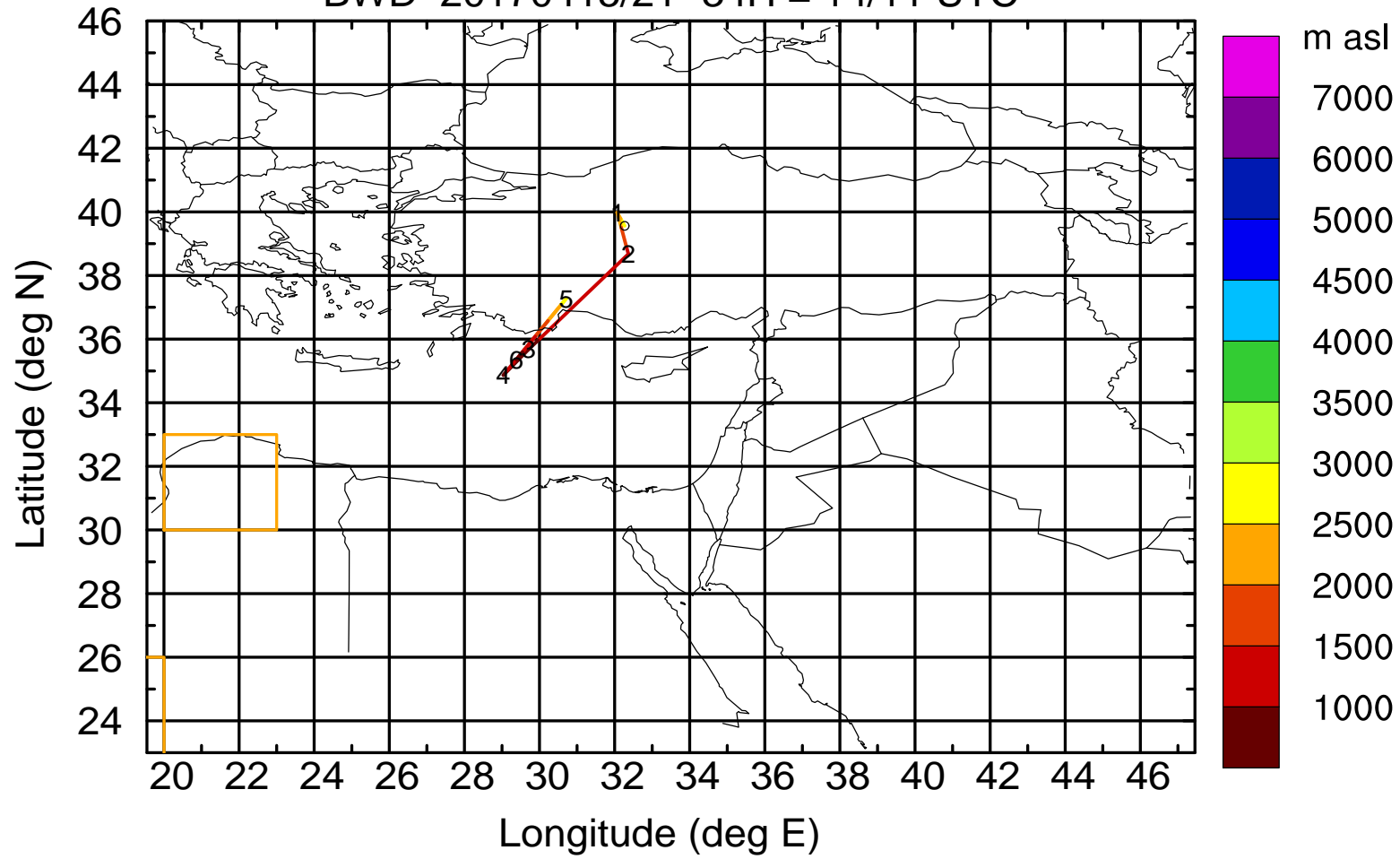
STS ground station 20170415

BWD 20170415/21 -33H = 14/12 UTC



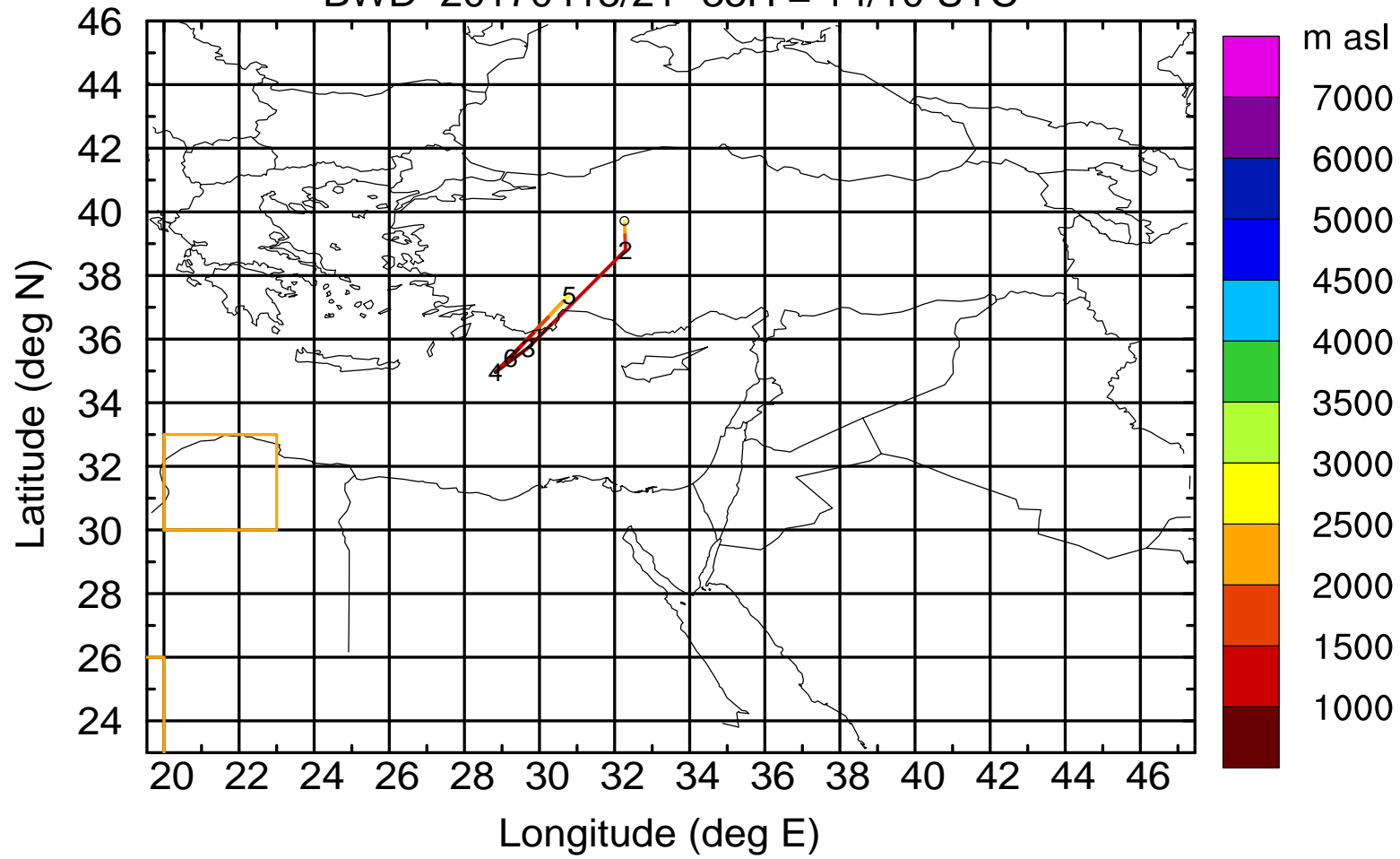
STS ground station 20170415

BWD 20170415/21 -34H = 14/11 UTC



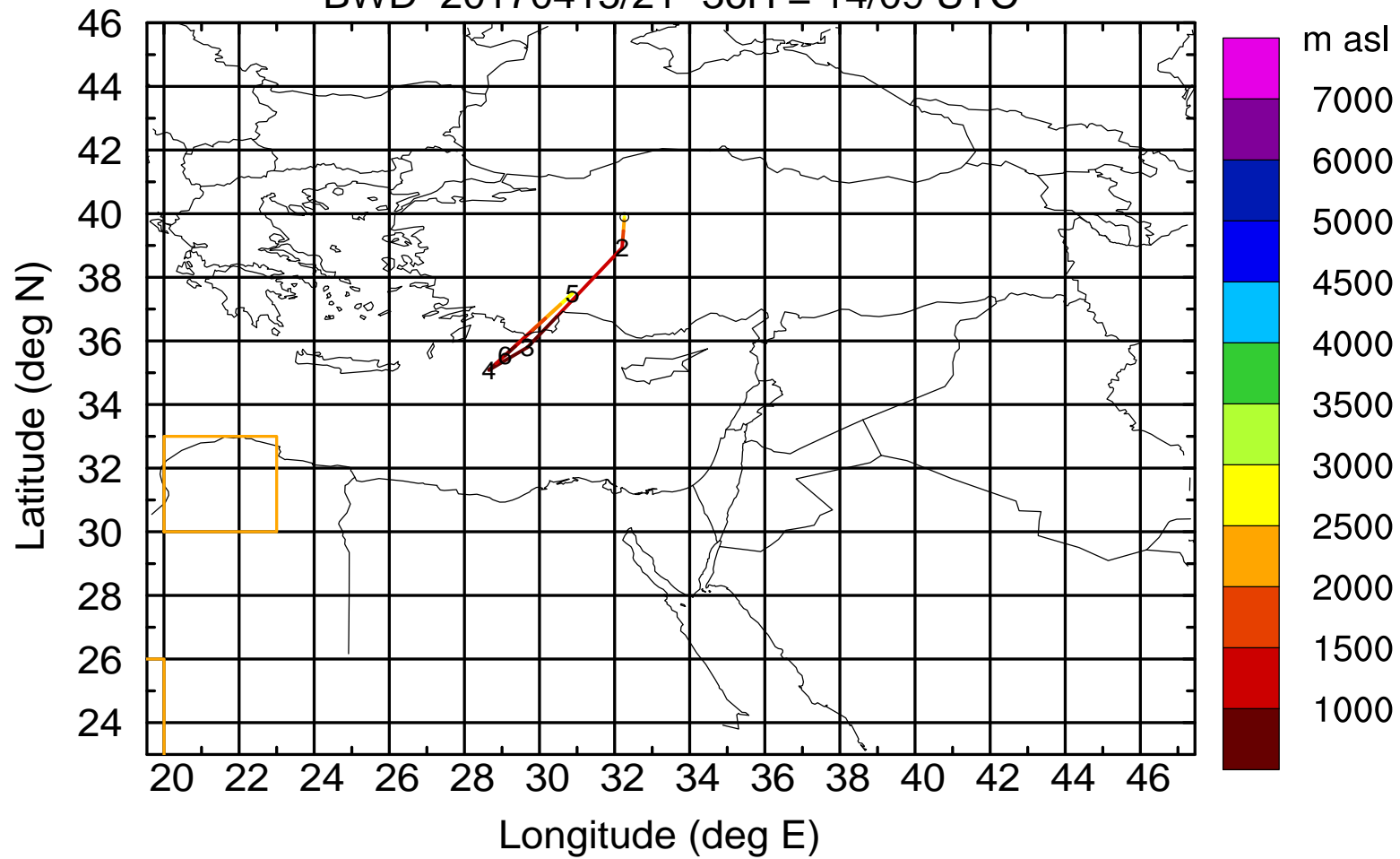
STS ground station 20170415

BWD 20170415/21 -35H = 14/10 UTC



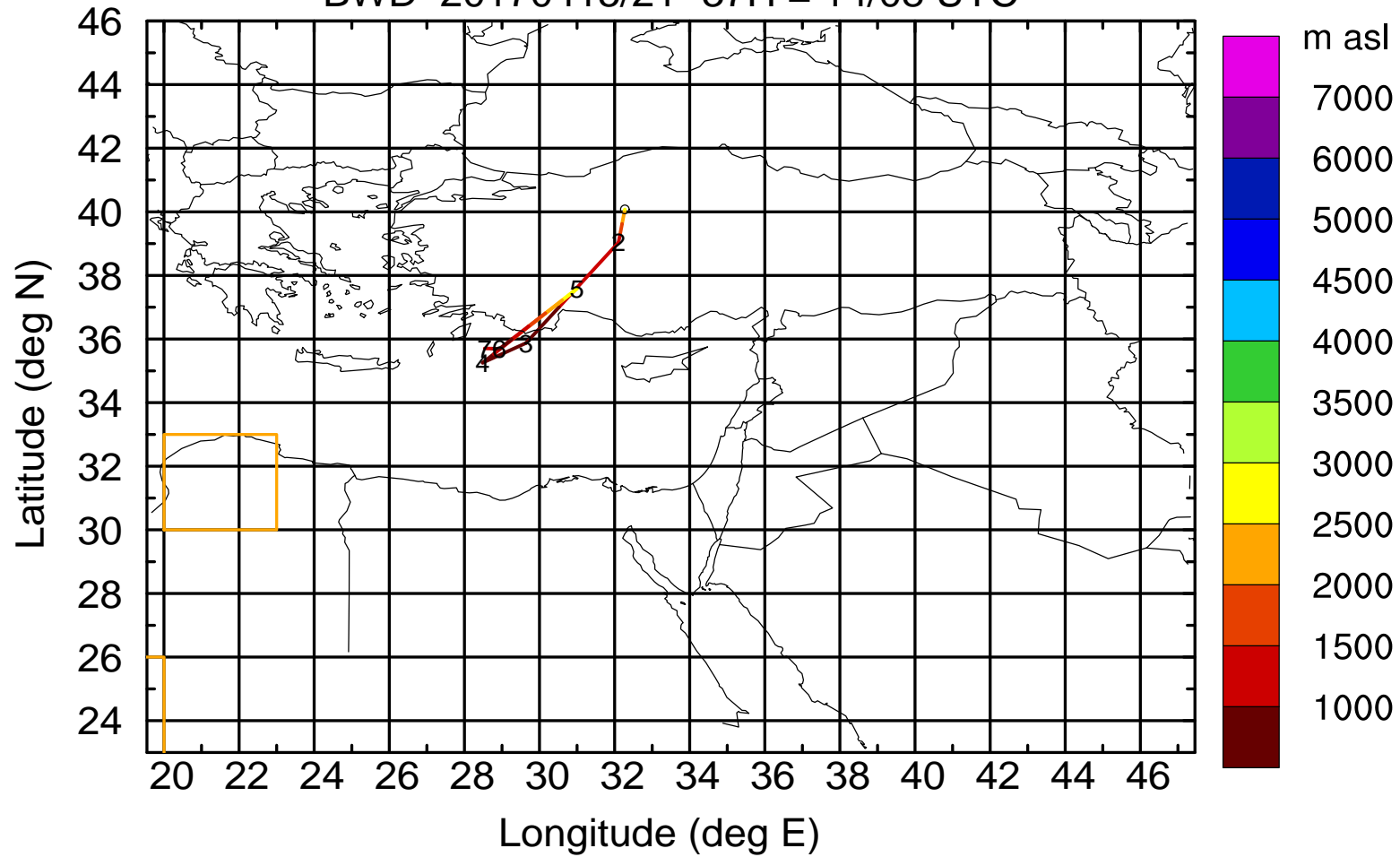
STS ground station 20170415

BWD 20170415/21 -36H = 14/09 UTC



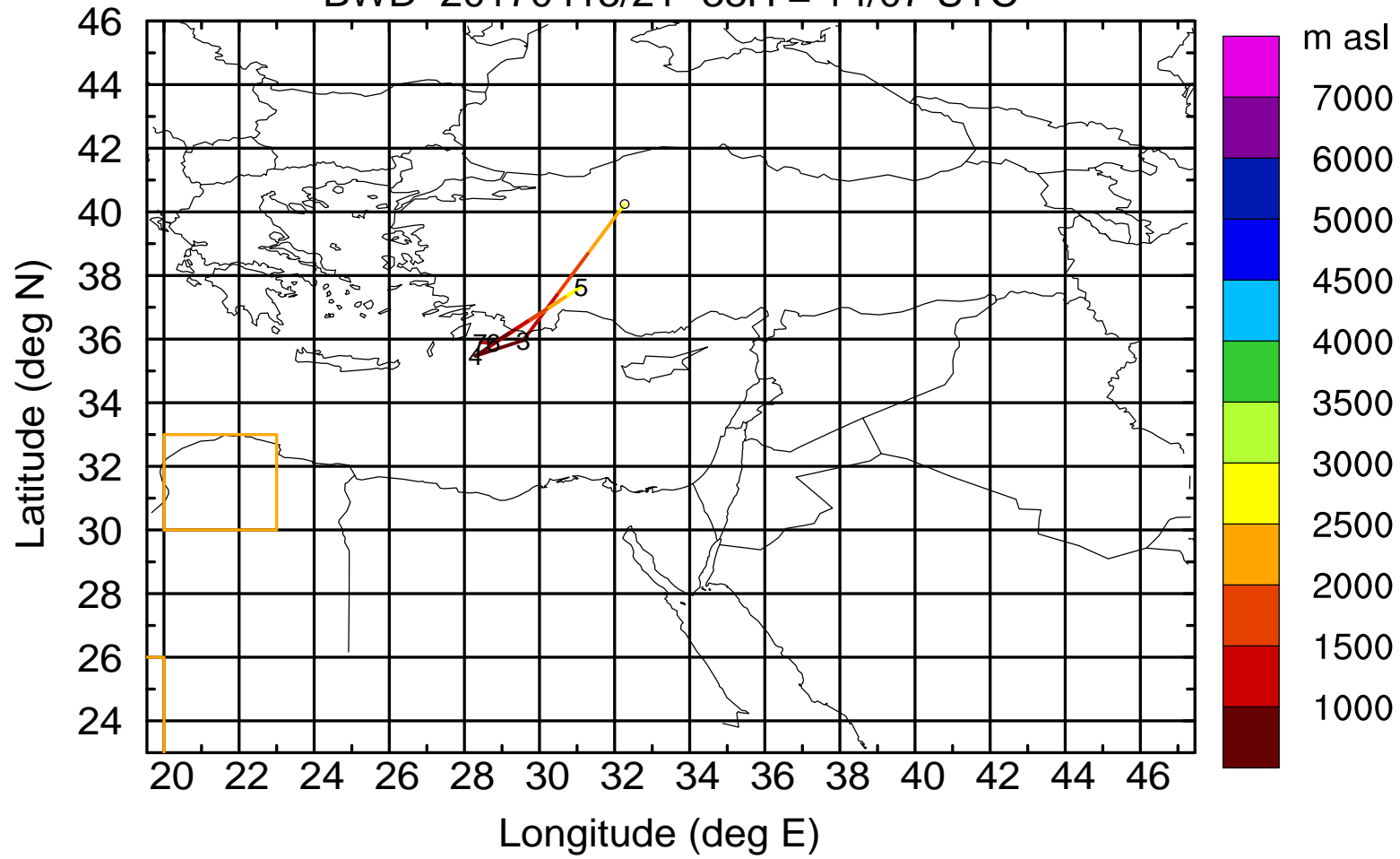
STS ground station 20170415

BWD 20170415/21 -37H = 14/08 UTC



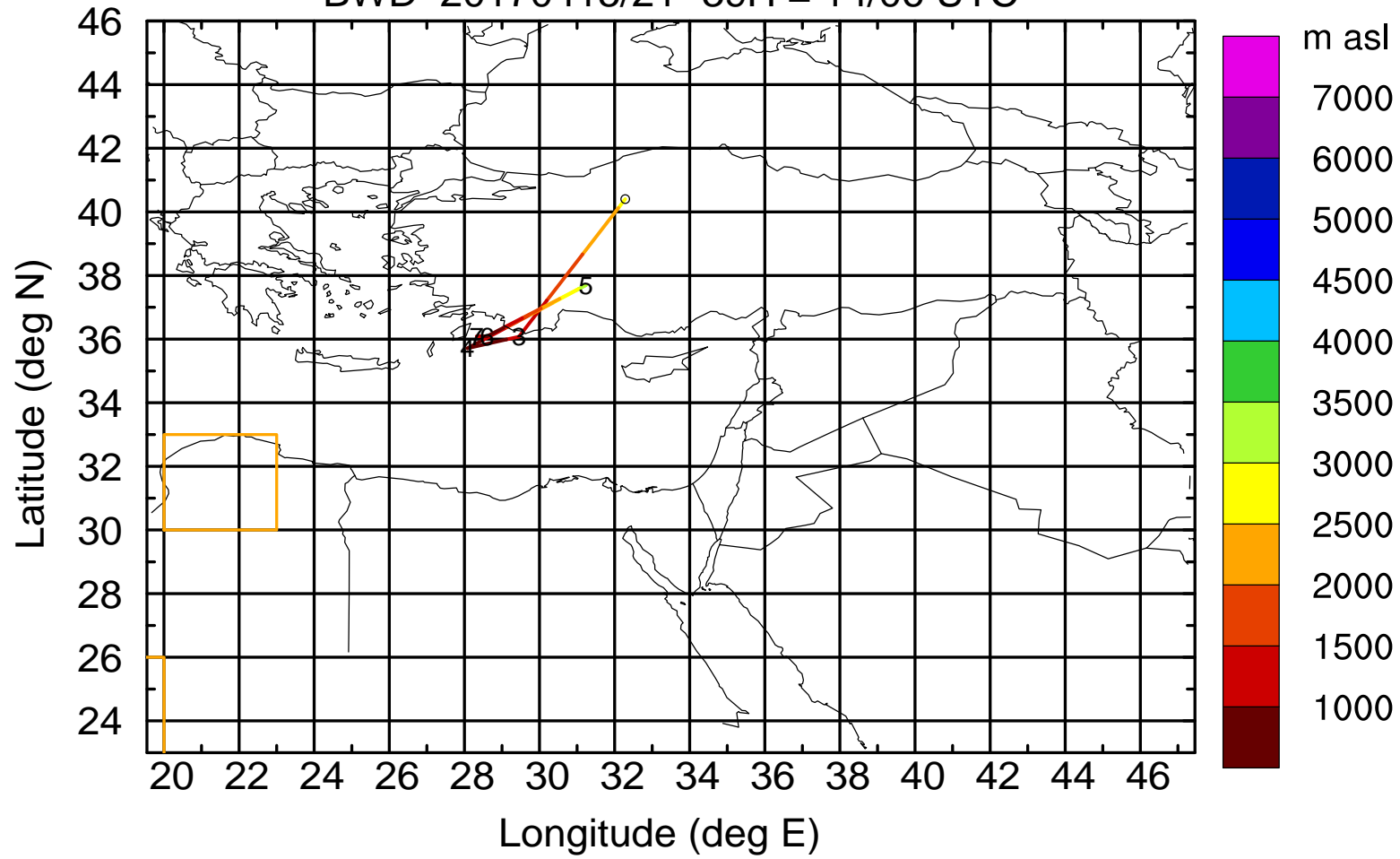
STS ground station 20170415

BWD 20170415/21 -38H = 14/07 UTC



STS ground station 20170415

BWD 20170415/21 -39H = 14/06 UTC

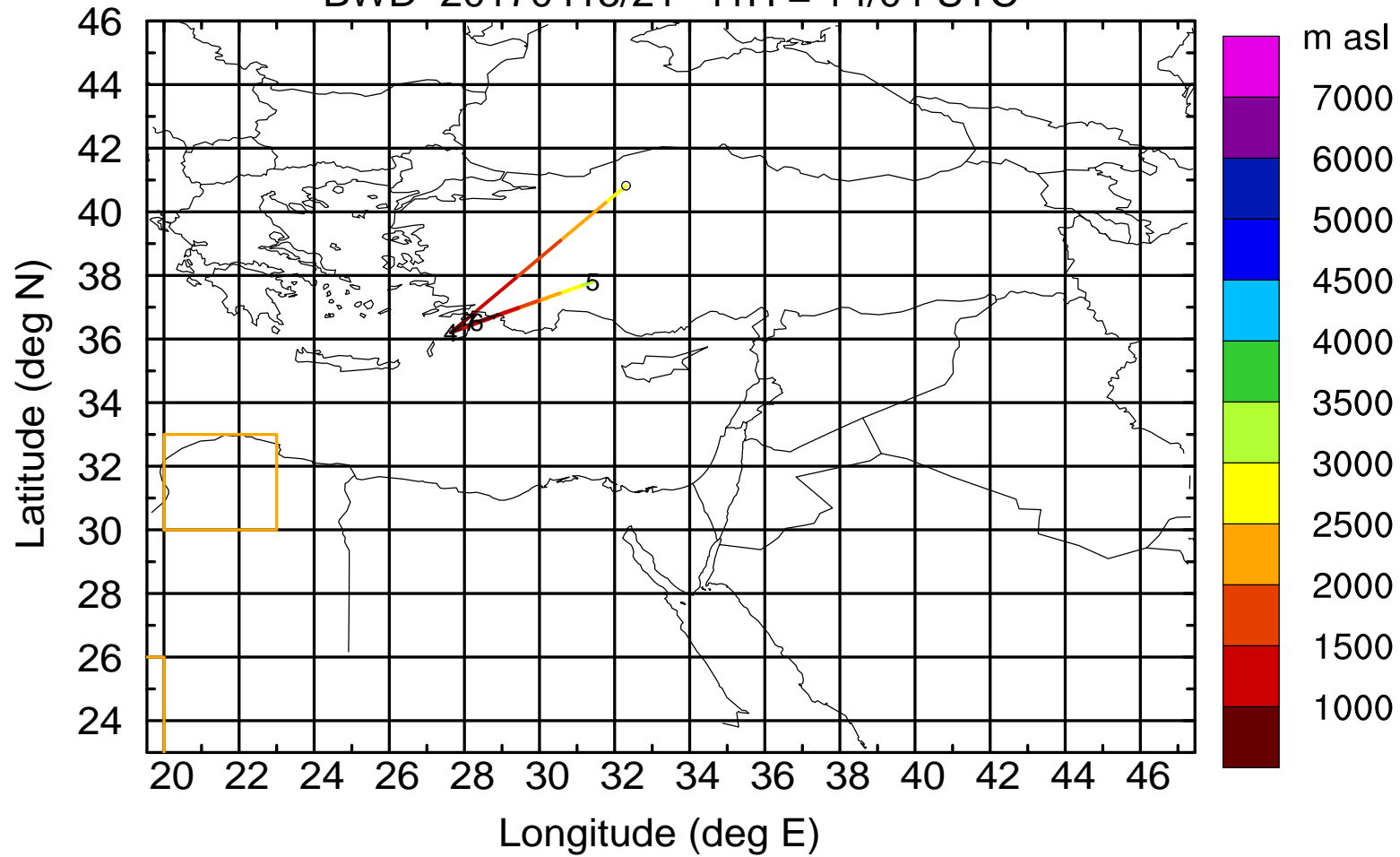






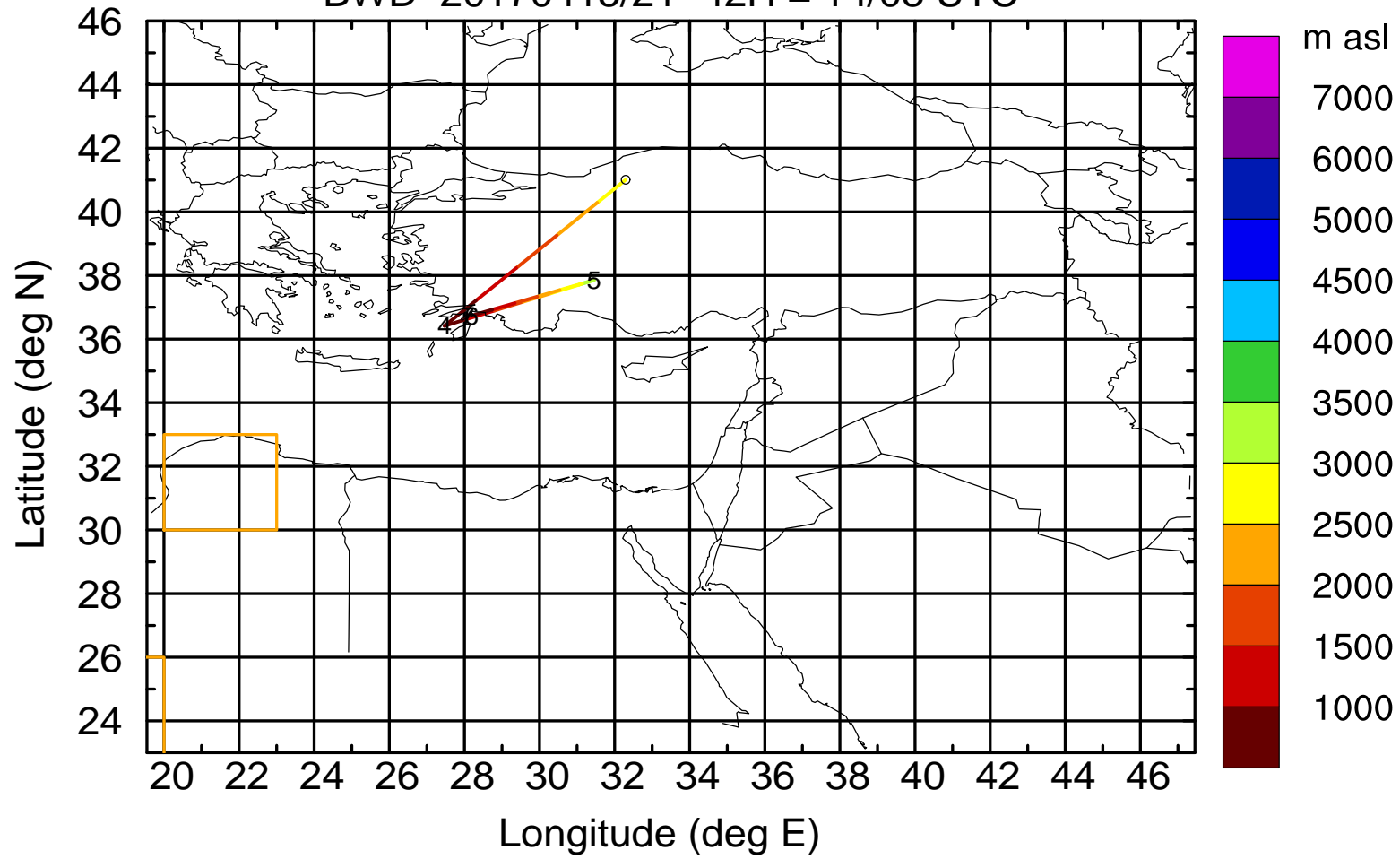
STS ground station 20170415

BWD 20170415/21 -41H = 14/04 UTC



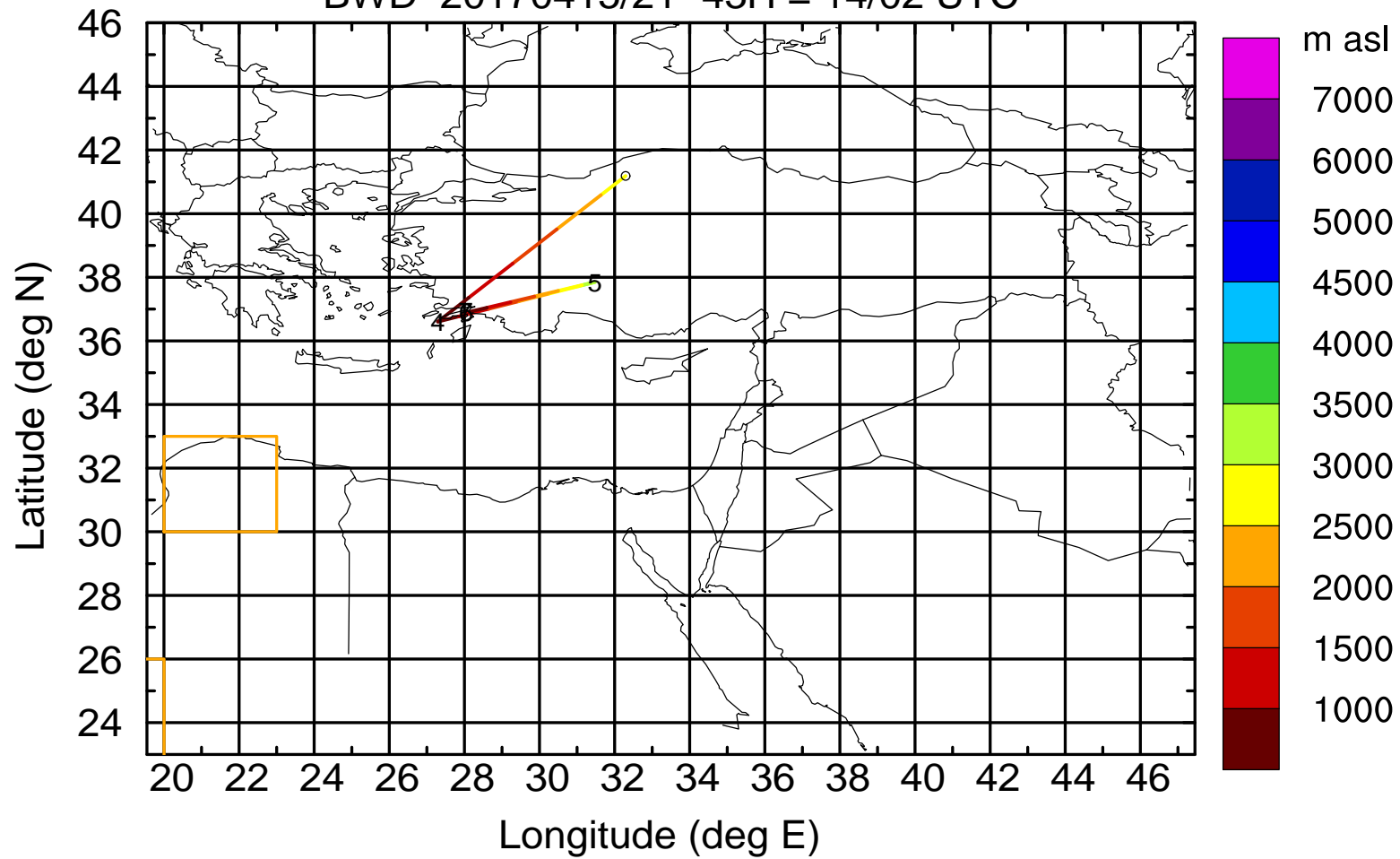
STS ground station 20170415

BWD 20170415/21 -42H = 14/03 UTC



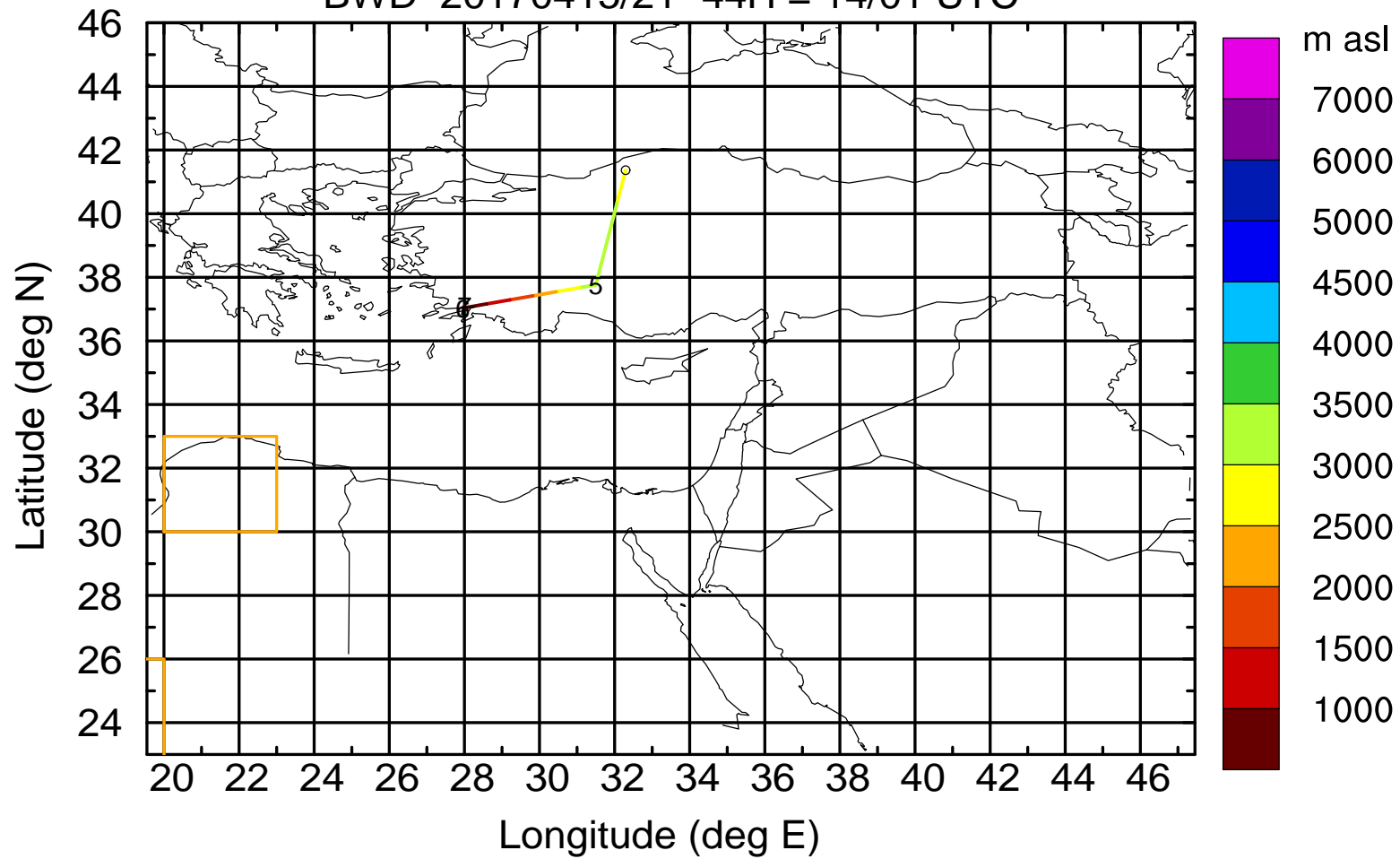
STS ground station 20170415

BWD 20170415/21 -43H = 14/02 UTC



STS ground station 20170415

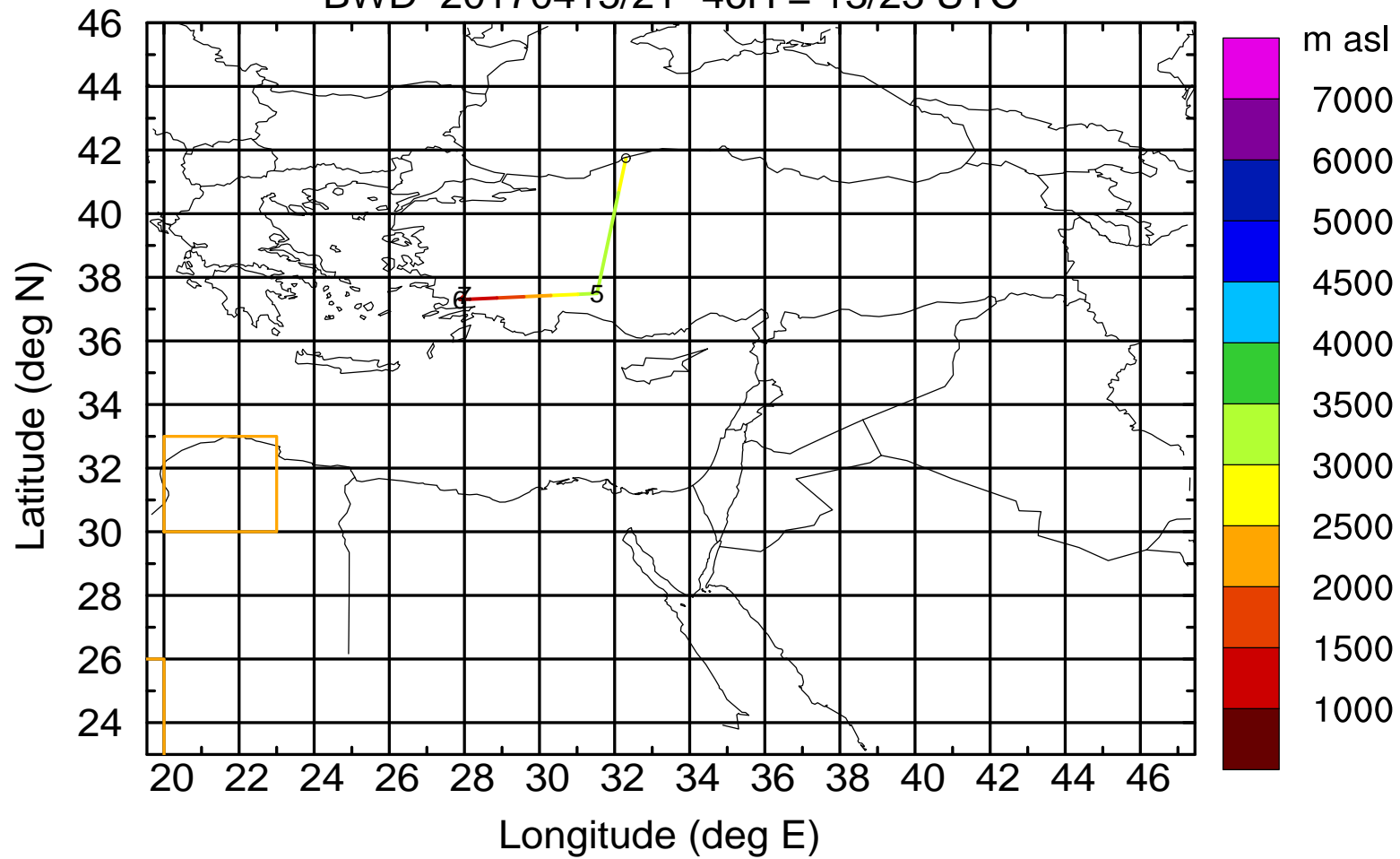
BWD 20170415/21 -44H = 14/01 UTC





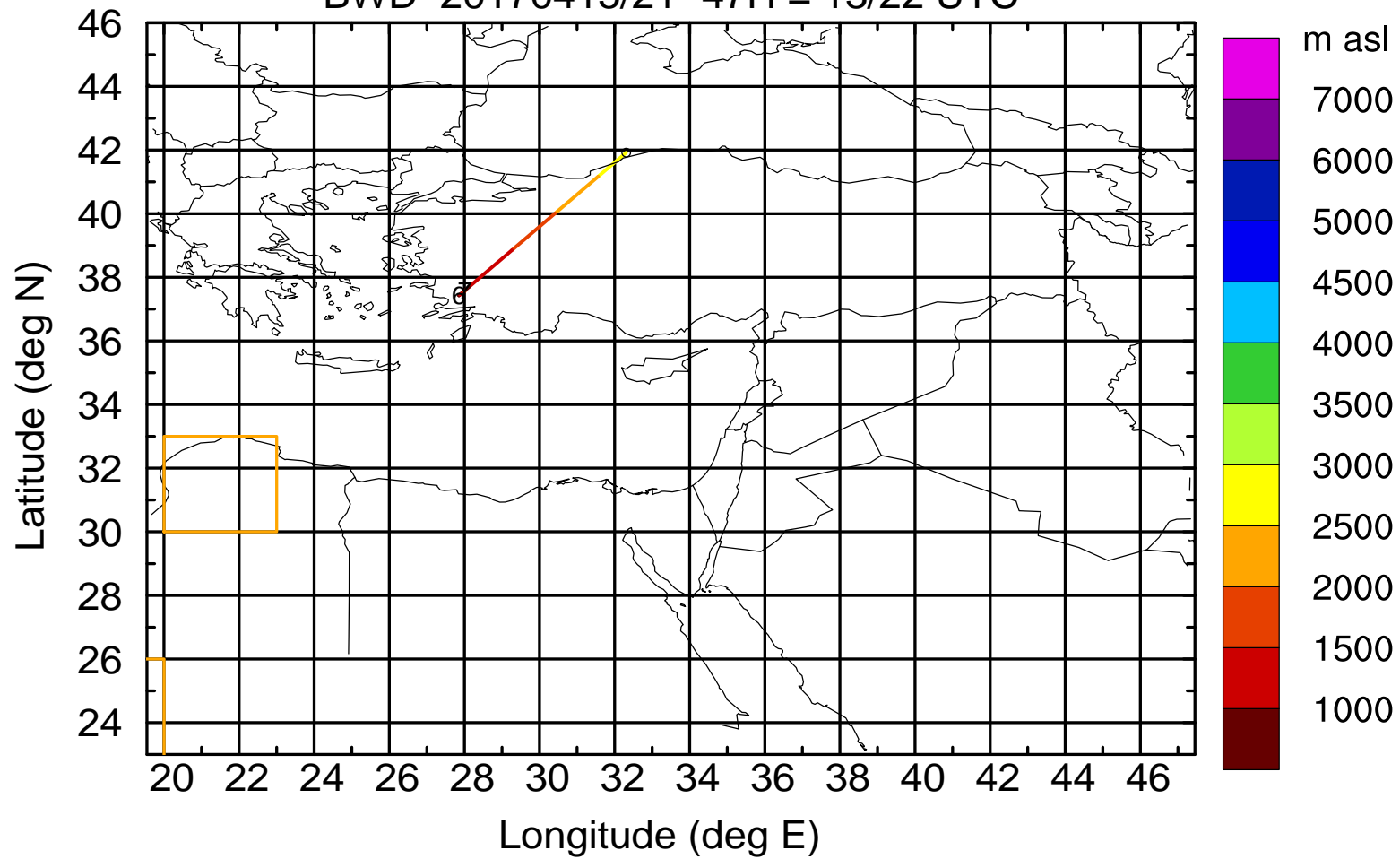
STS ground station 20170415

BWD 20170415/21 -46H = 13/23 UTC



STS ground station 20170415

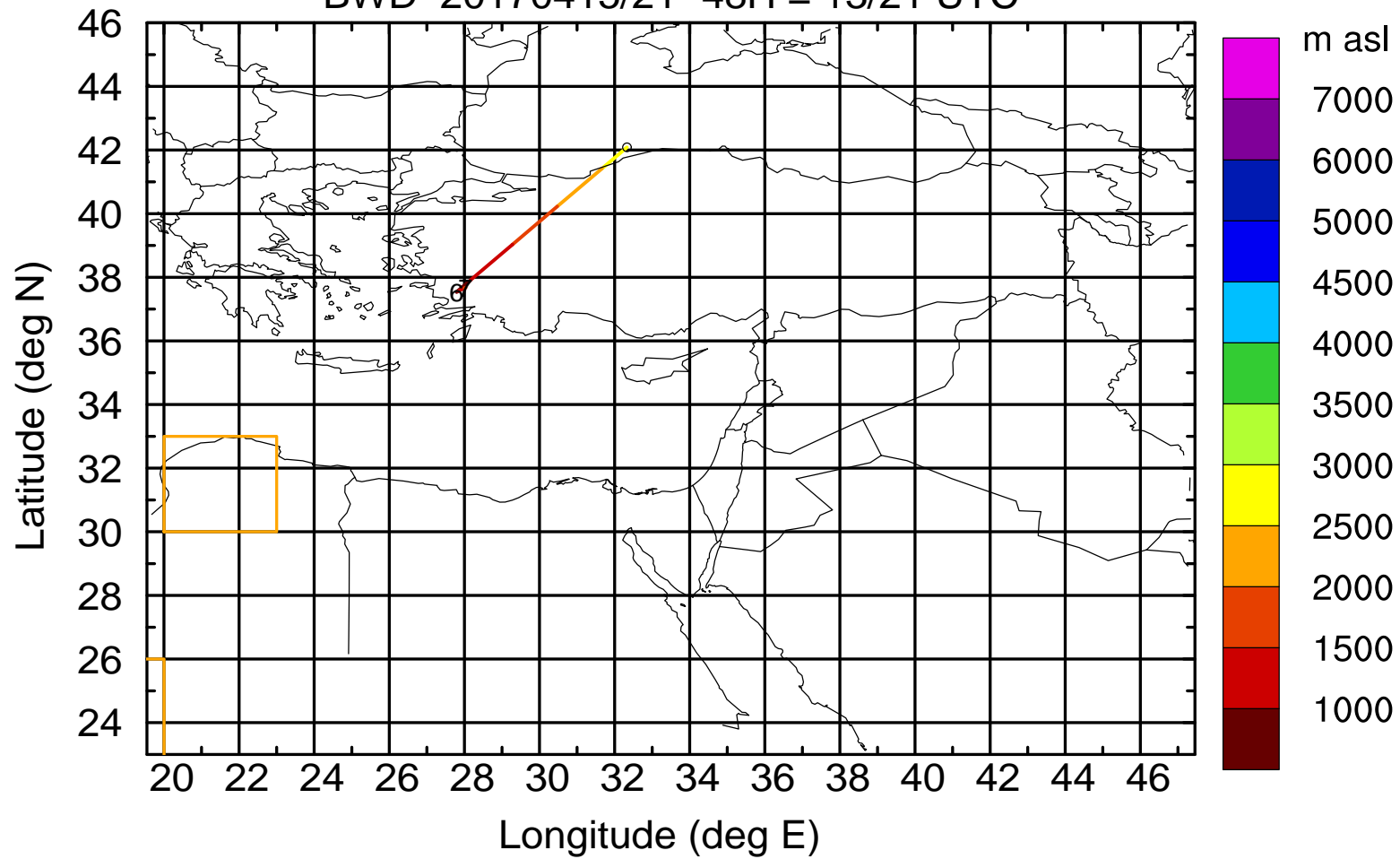
BWD 20170415/21 -47H = 13/22 UTC





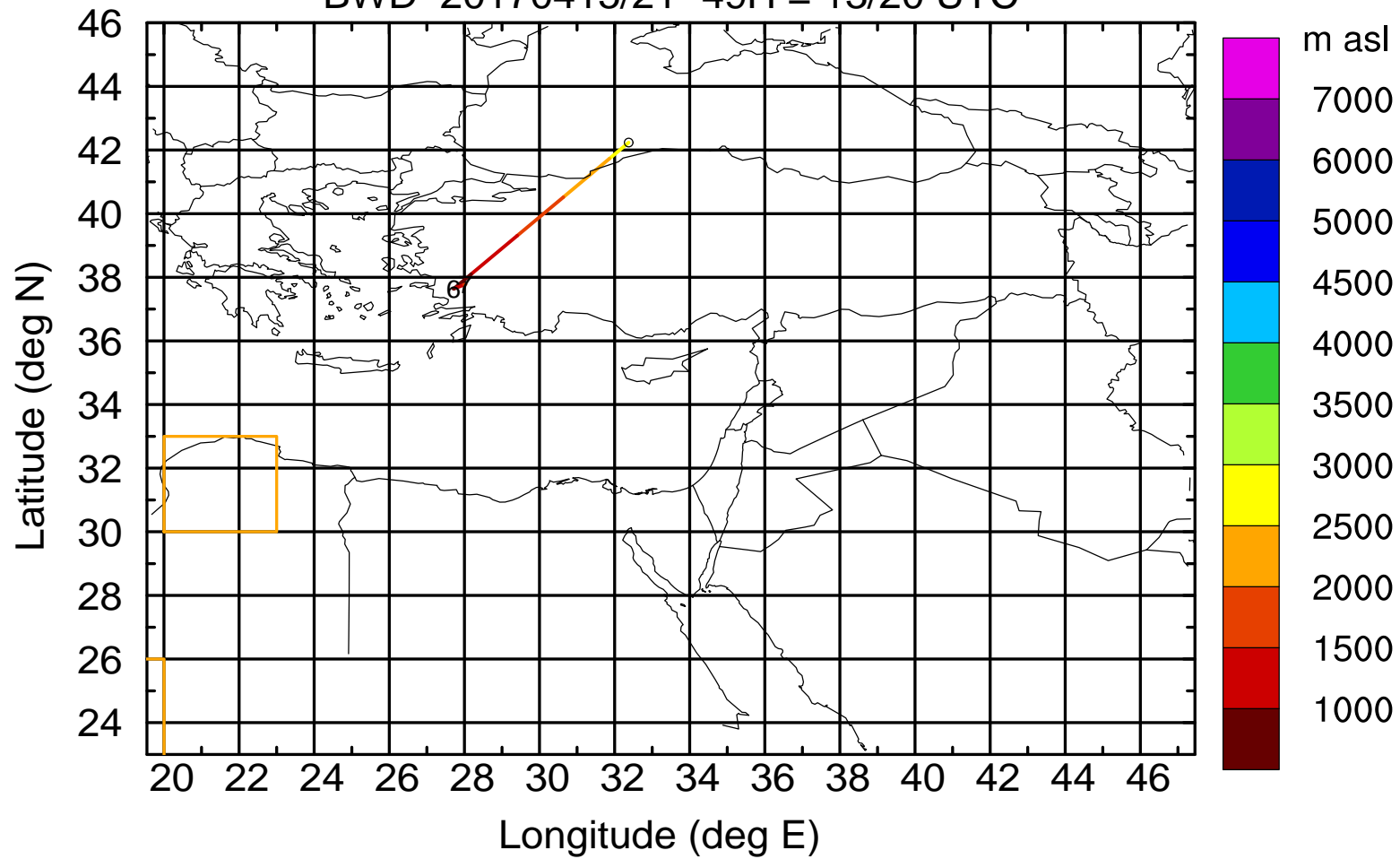
STS ground station 20170415

BWD 20170415/21 -48H = 13/21 UTC



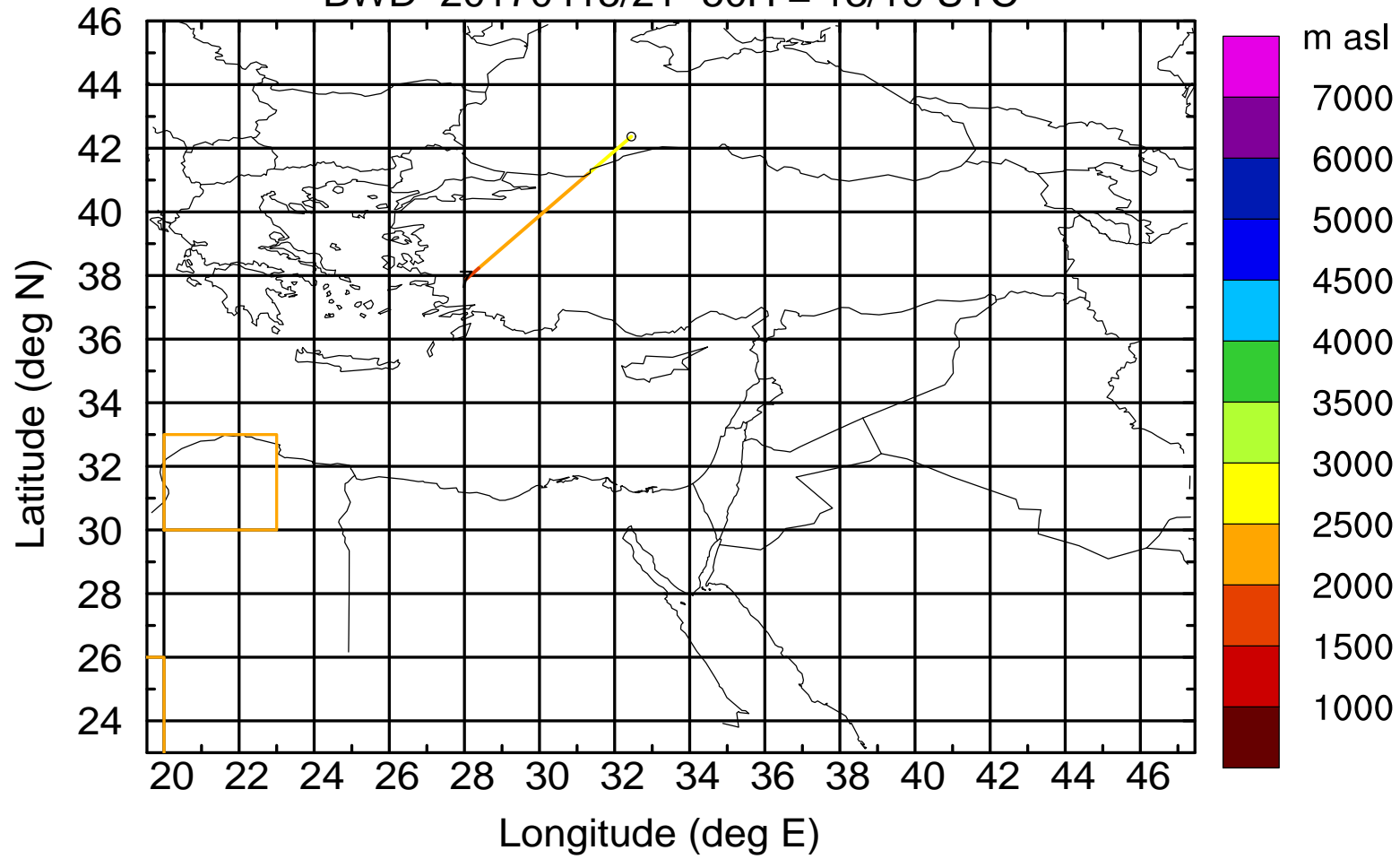
STS ground station 20170415

BWD 20170415/21 -49H = 13/20 UTC



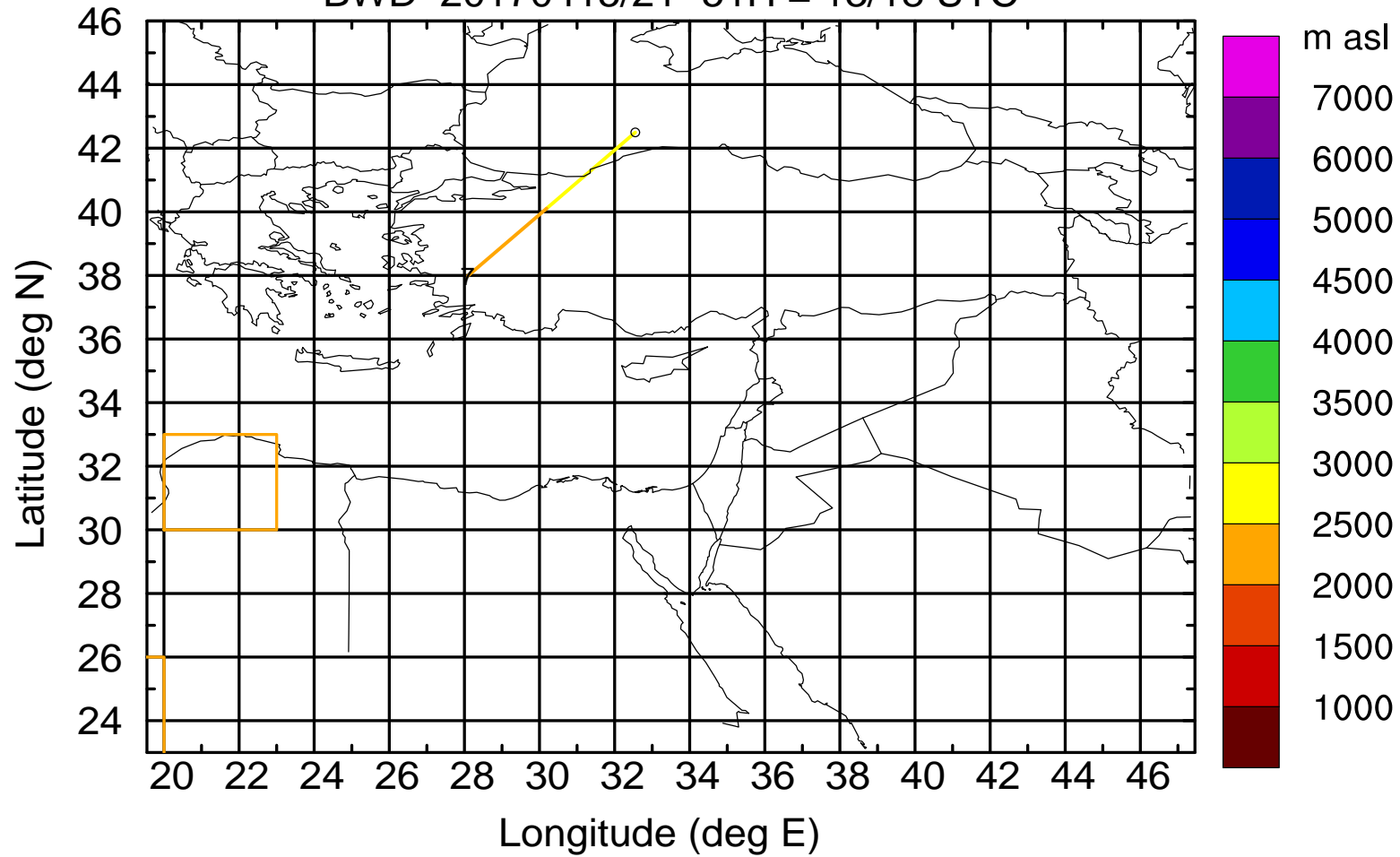
STS ground station 20170415

BWD 20170415/21 -50H = 13/19 UTC



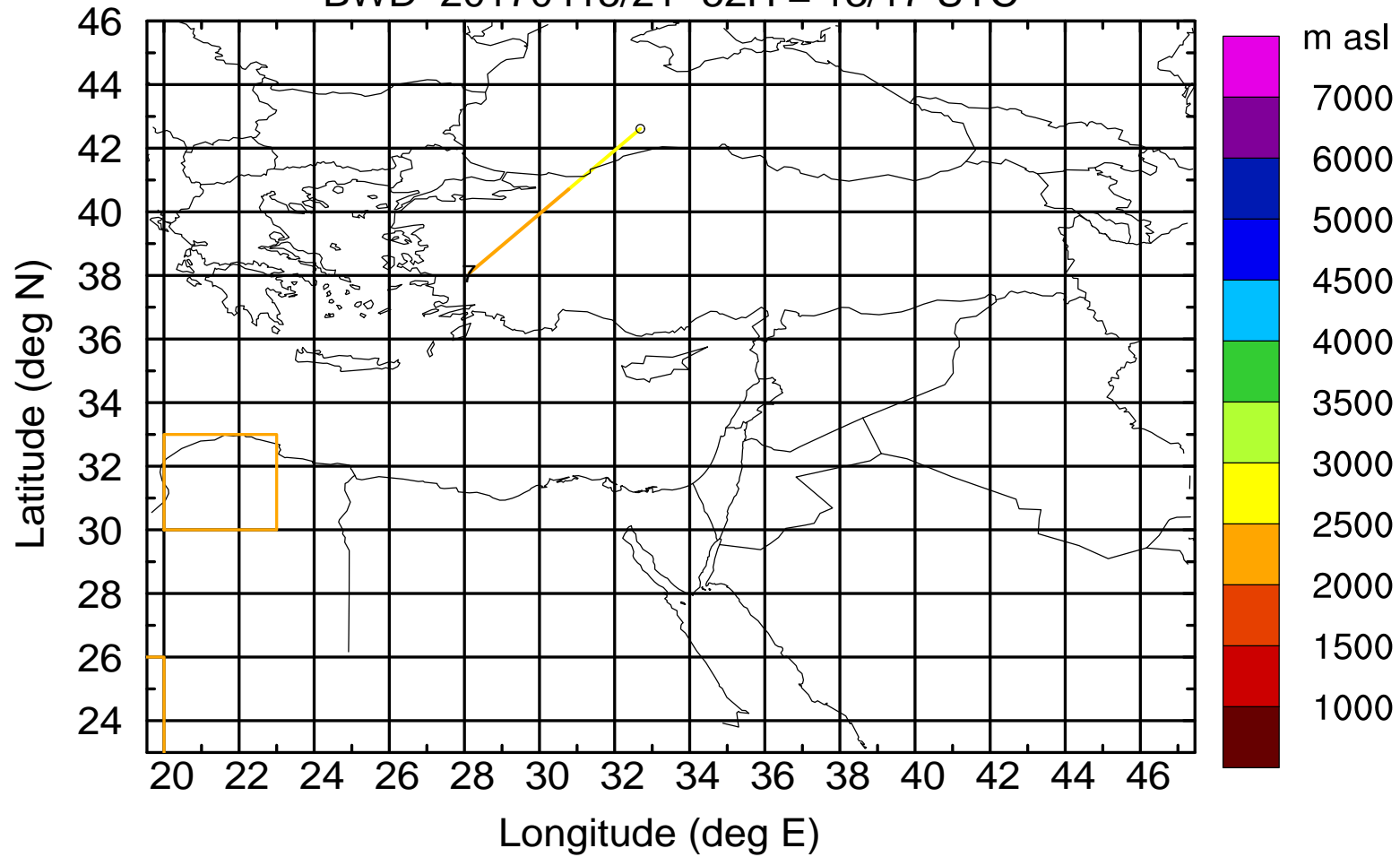
STS ground station 20170415

BWD 20170415/21 -51H = 13/18 UTC



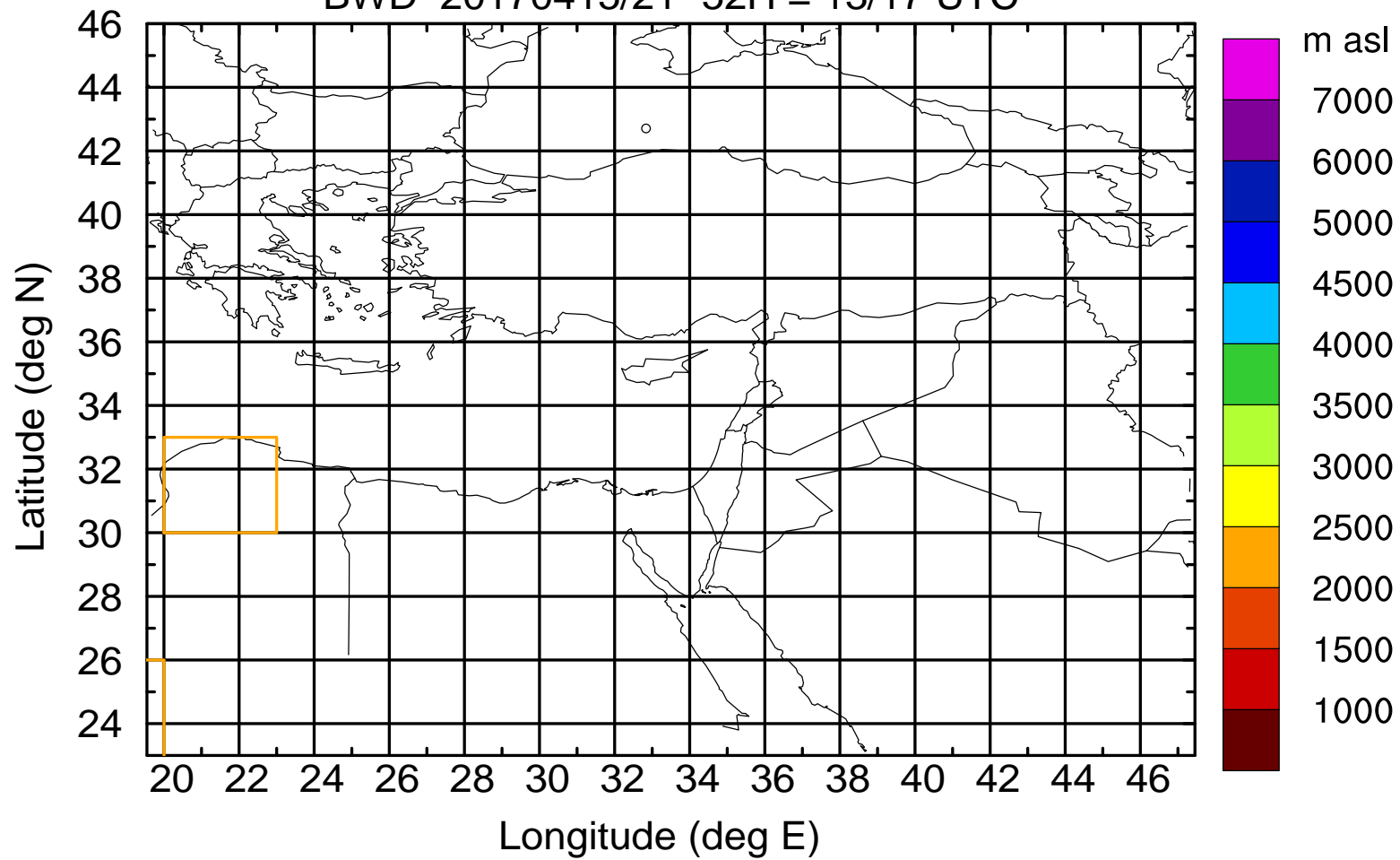
STS ground station 20170415

BWD 20170415/21 -52H = 13/17 UTC



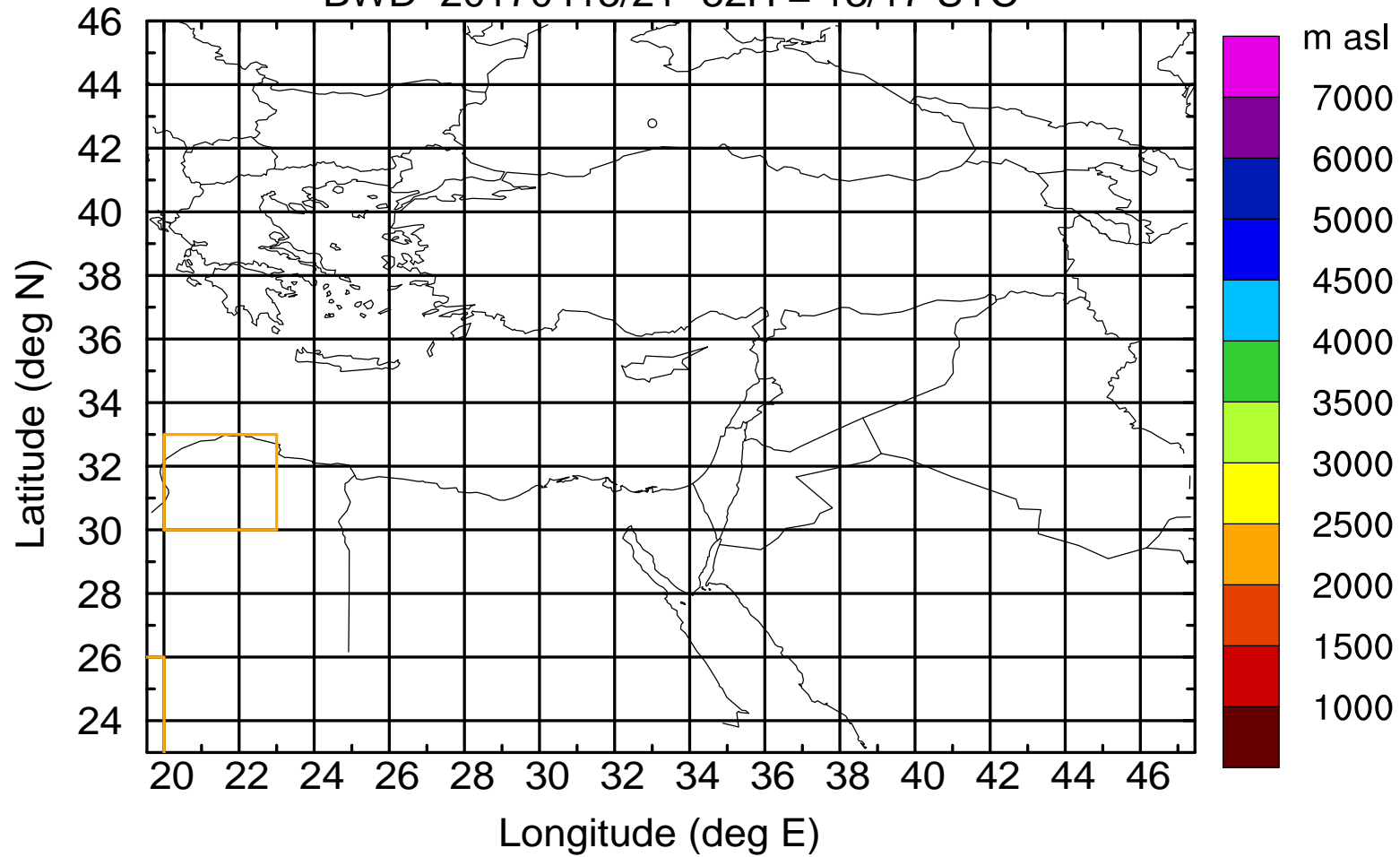
STS ground station 20170415

BWD 20170415/21 -52H = 13/17 UTC



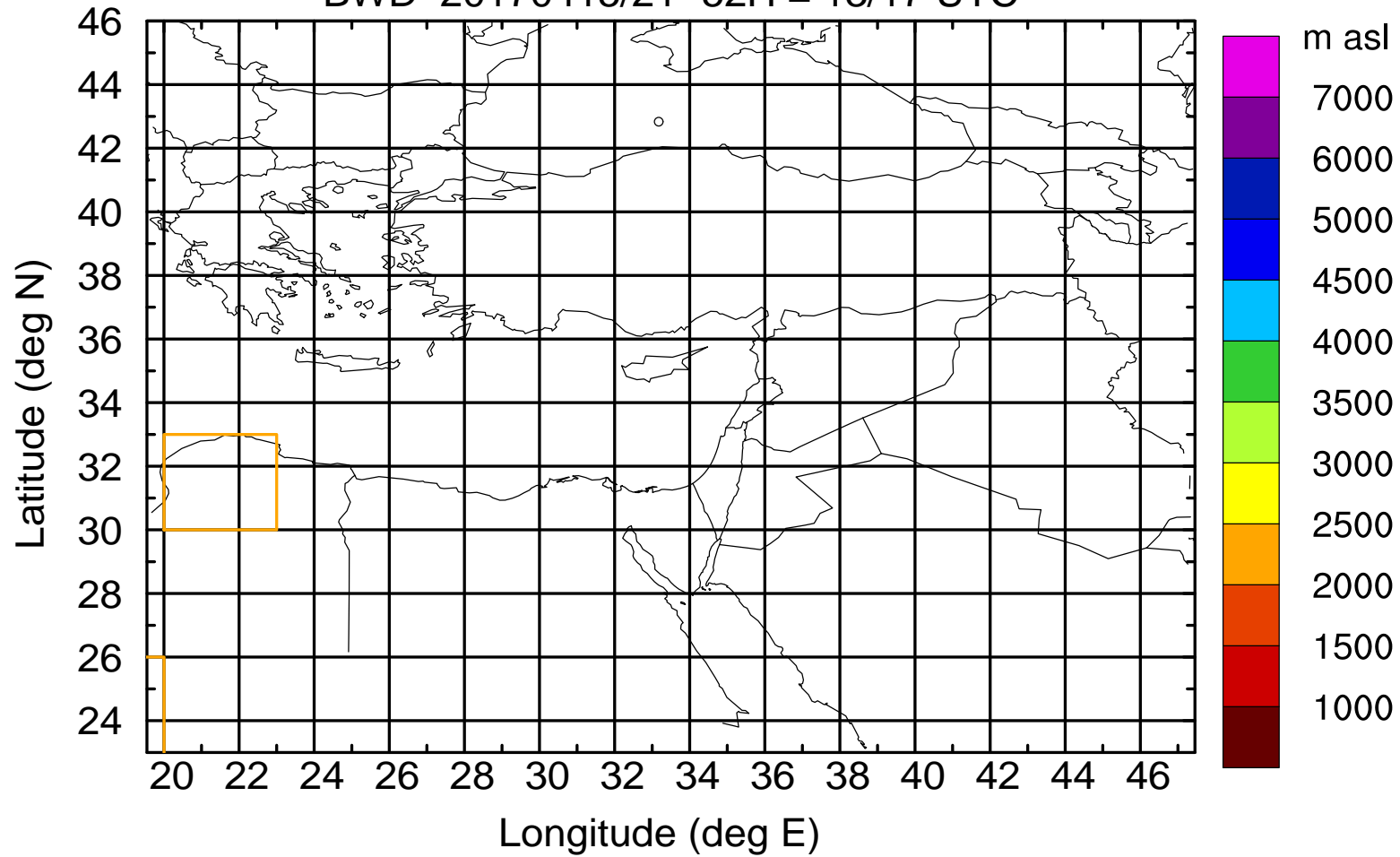
STS ground station 20170415

BWD 20170415/21 -52H = 13/17 UTC



STS ground station 20170415

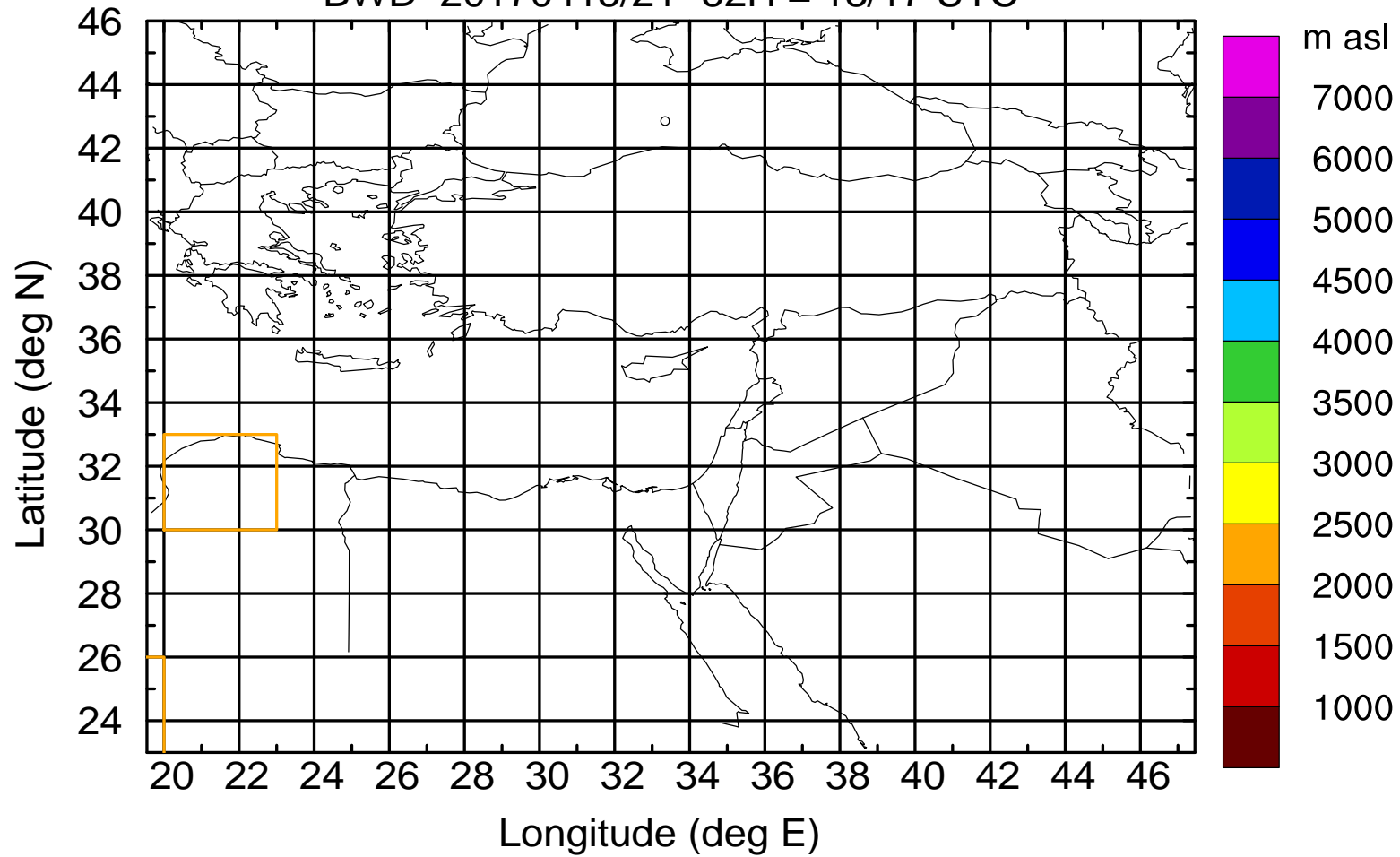
BWD 20170415/21 -52H = 13/17 UTC





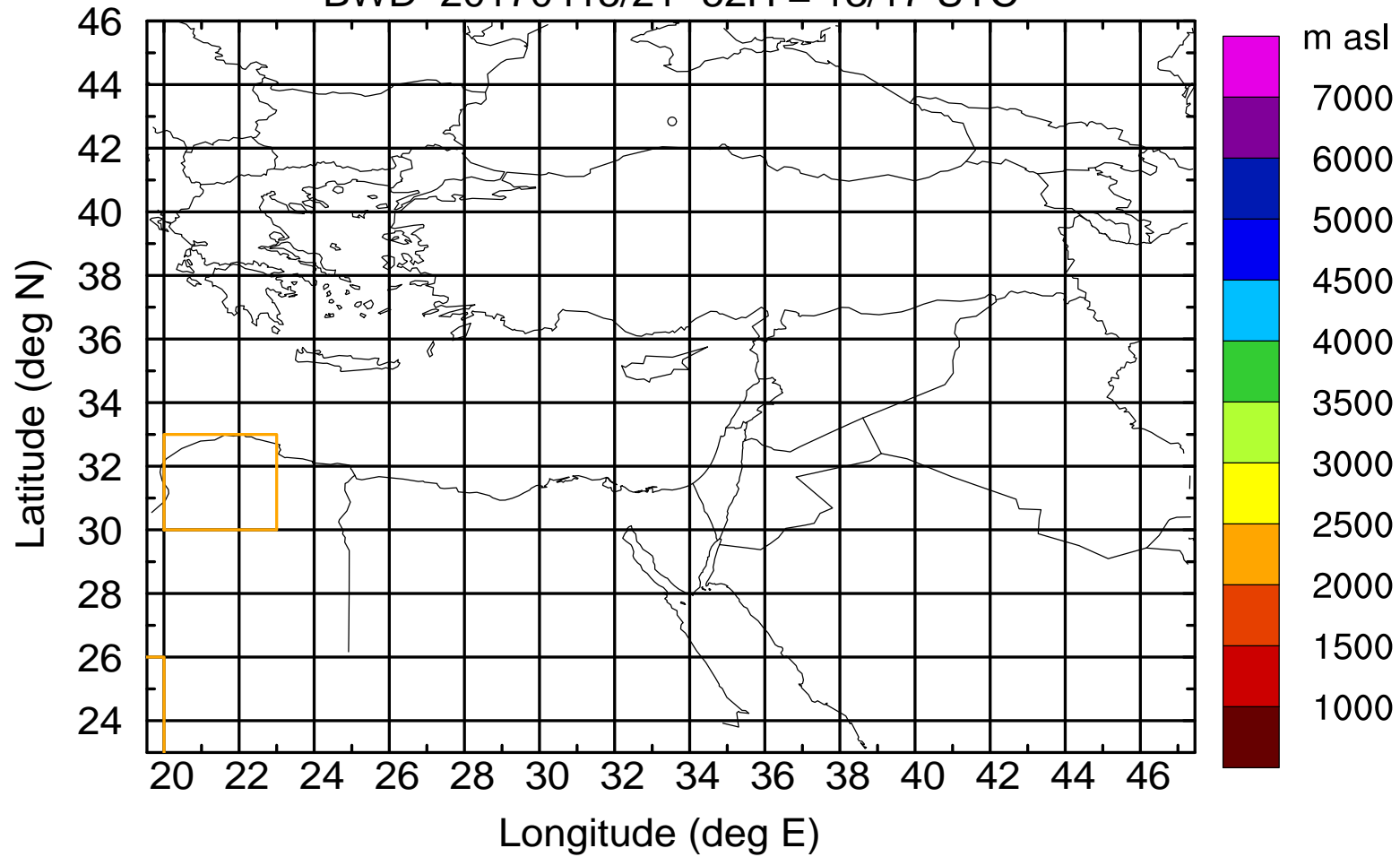
STS ground station 20170415

BWD 20170415/21 -52H = 13/17 UTC



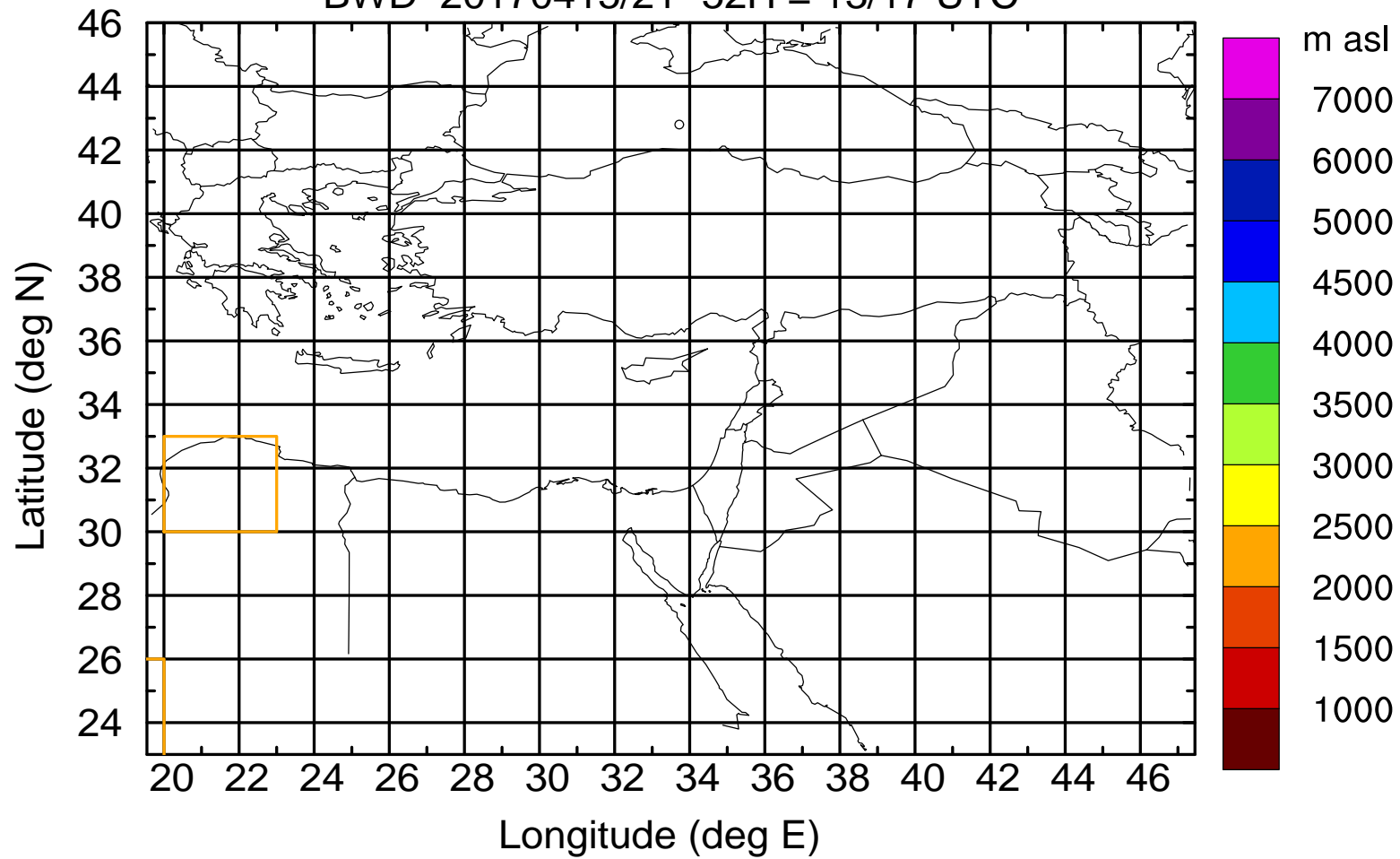
STS ground station 20170415

BWD 20170415/21 -52H = 13/17 UTC



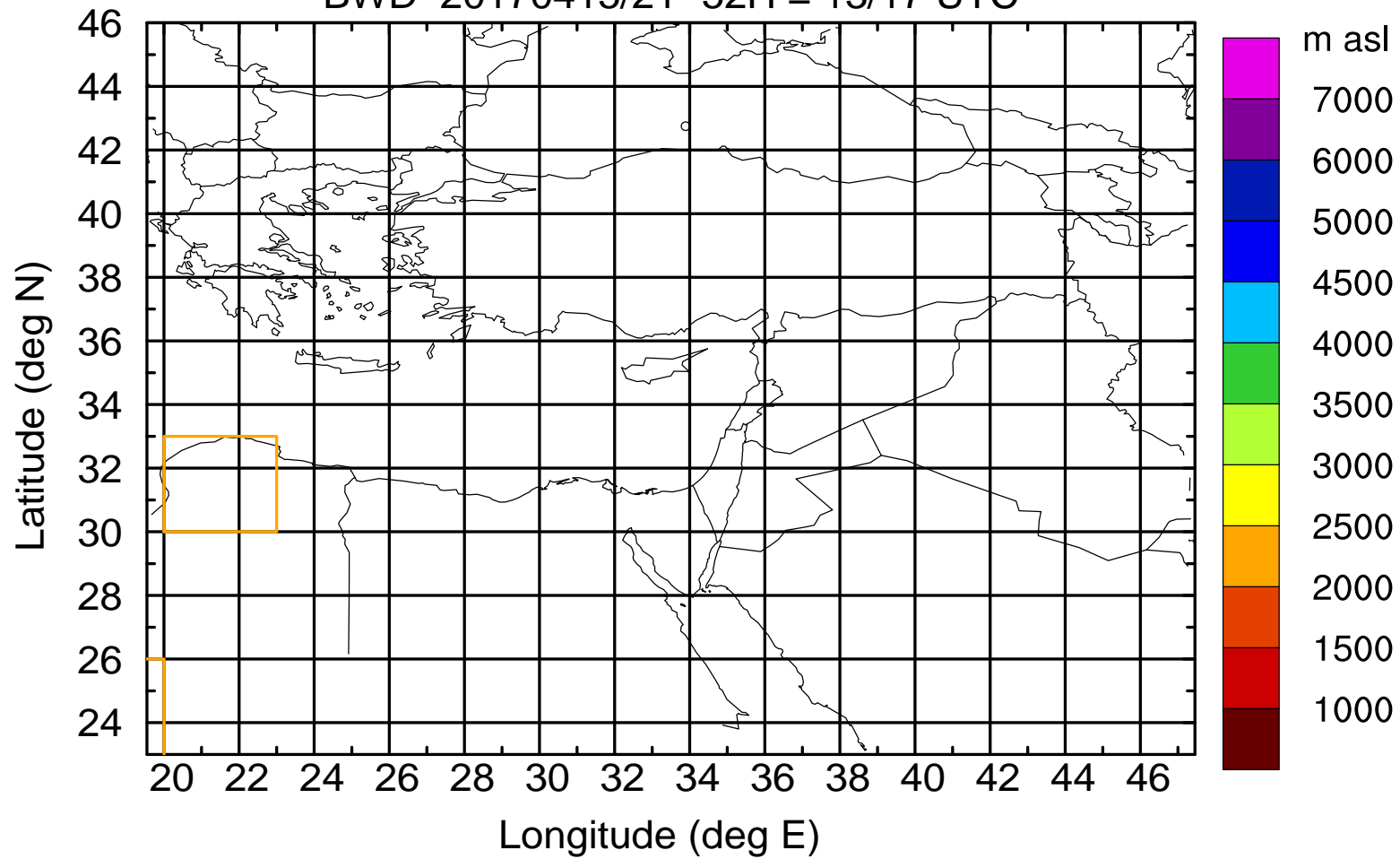
STS ground station 20170415

BWD 20170415/21 -52H = 13/17 UTC



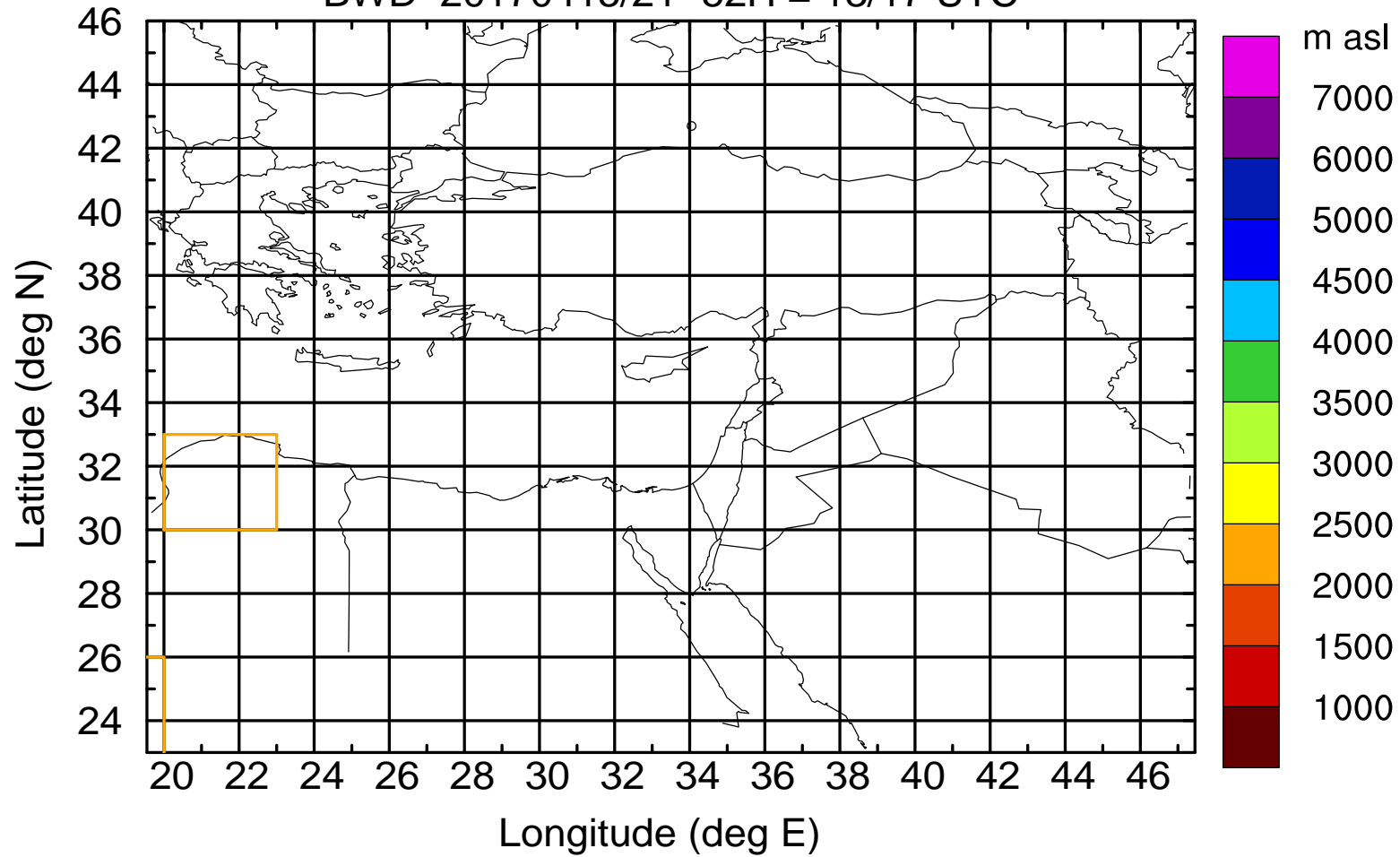
STS ground station 20170415

BWD 20170415/21 -52H = 13/17 UTC



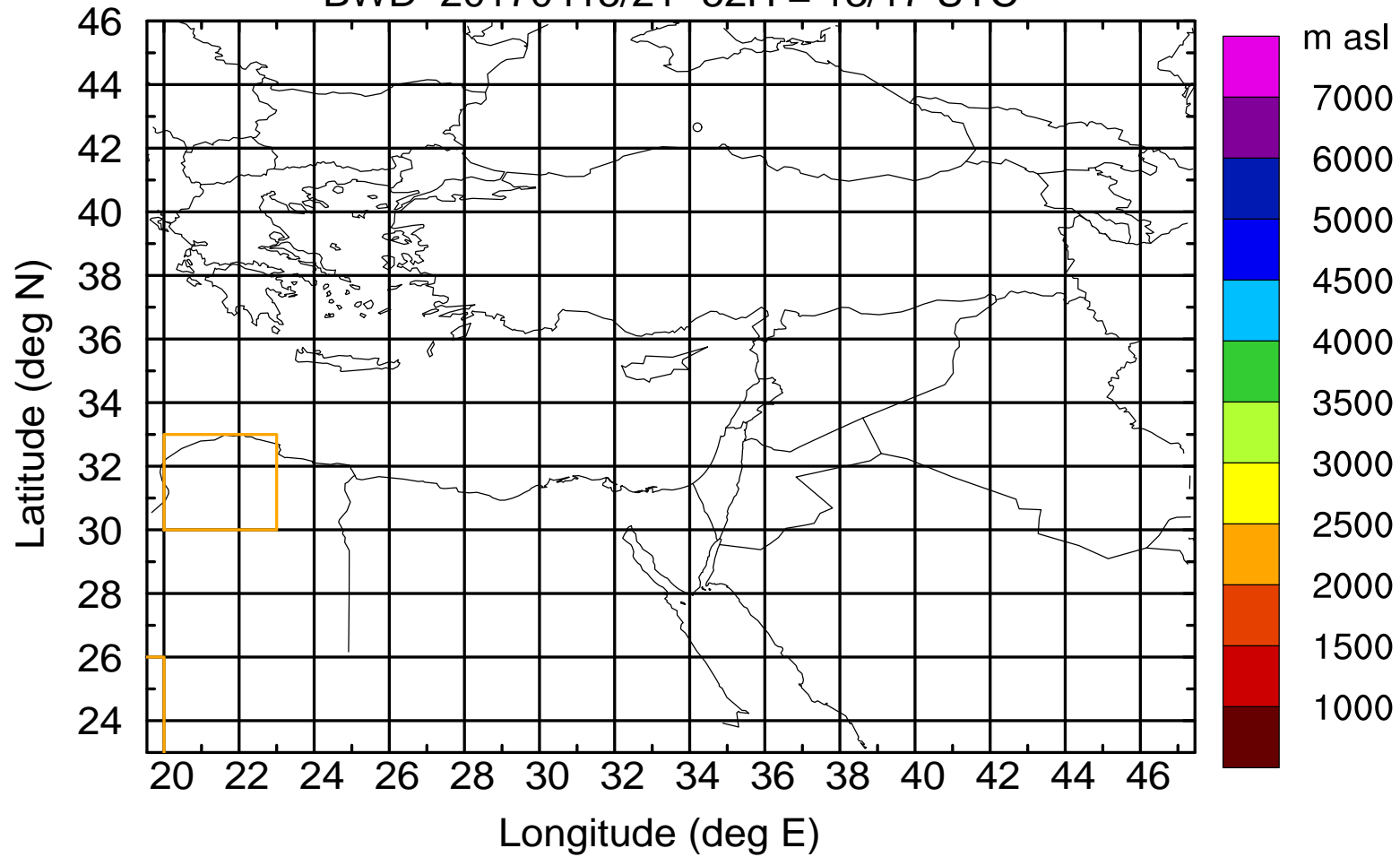
STS ground station 20170415

BWD 20170415/21 -52H = 13/17 UTC



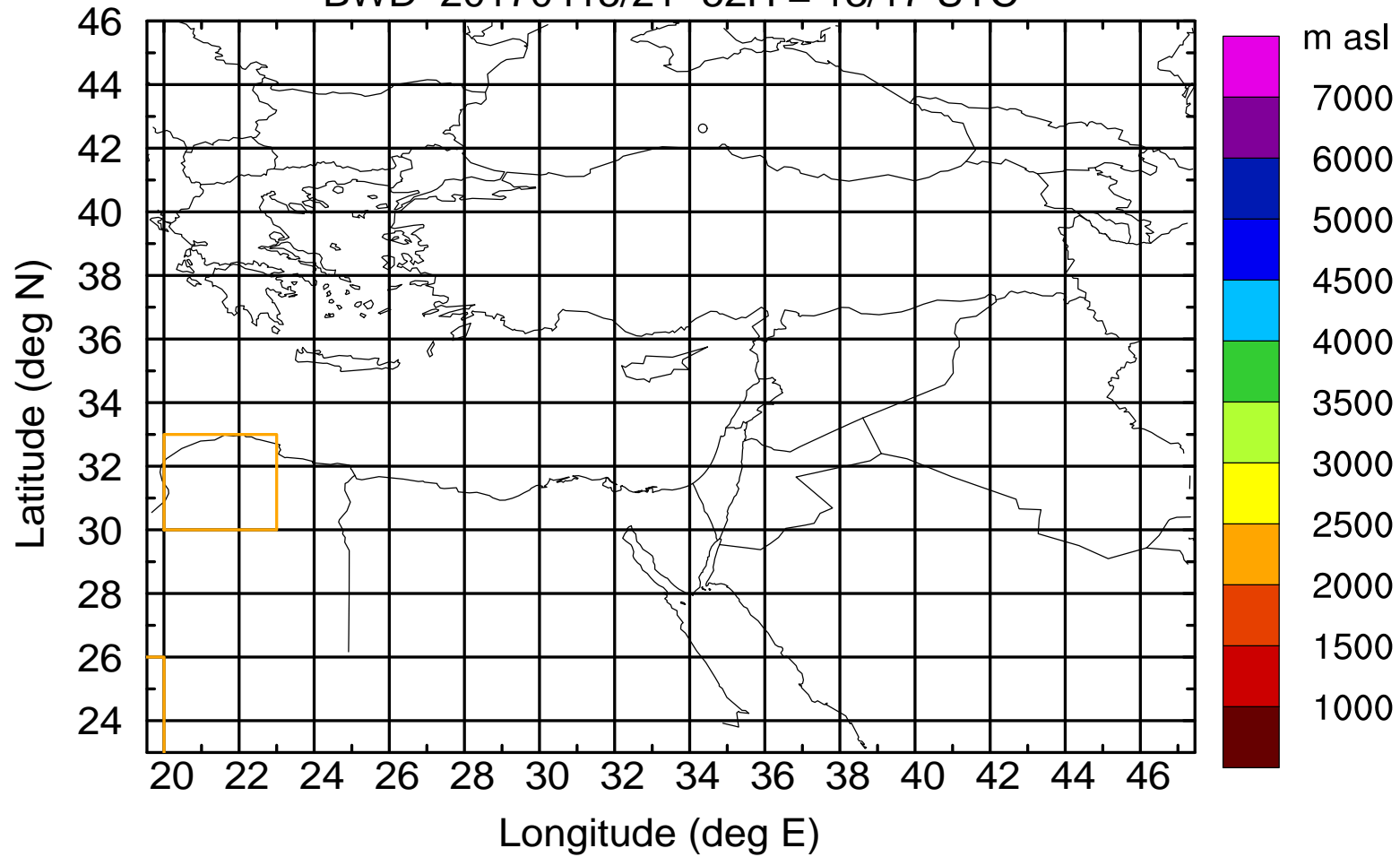
STS ground station 20170415

BWD 20170415/21 -52H = 13/17 UTC



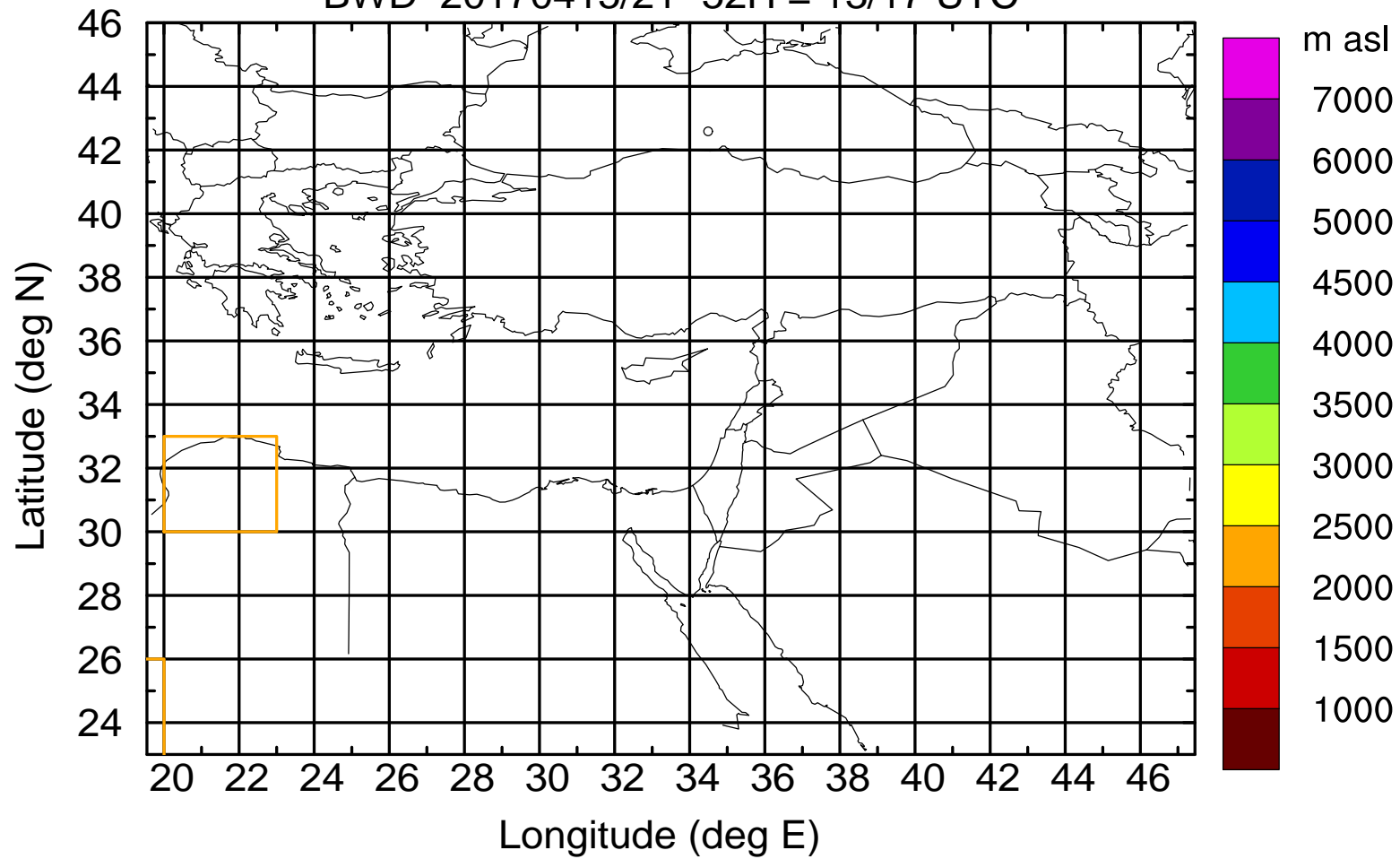
STS ground station 20170415

BWD 20170415/21 -52H = 13/17 UTC



STS ground station 20170415

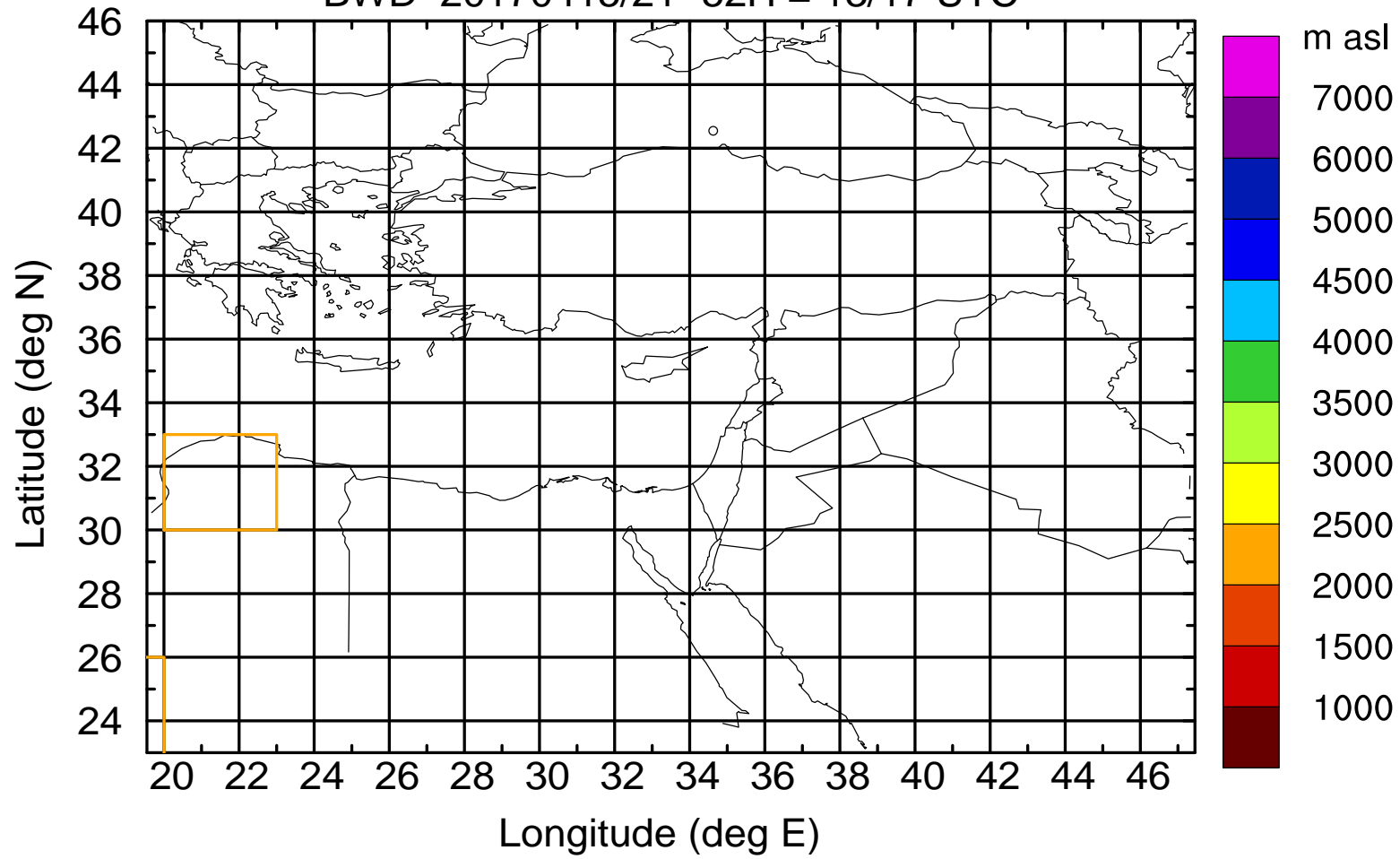
BWD 20170415/21 -52H = 13/17 UTC





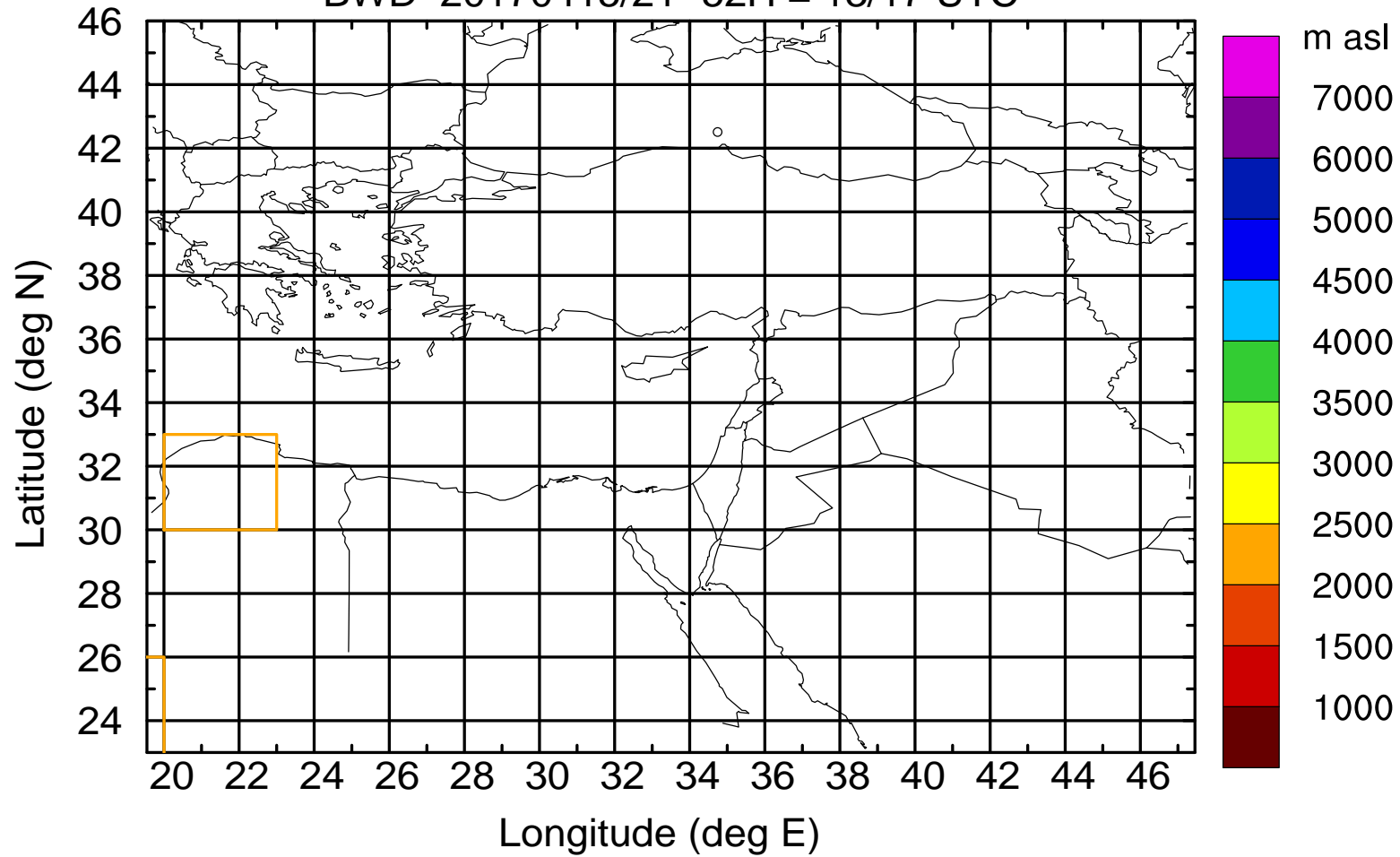
STS ground station 20170415

BWD 20170415/21 -52H = 13/17 UTC



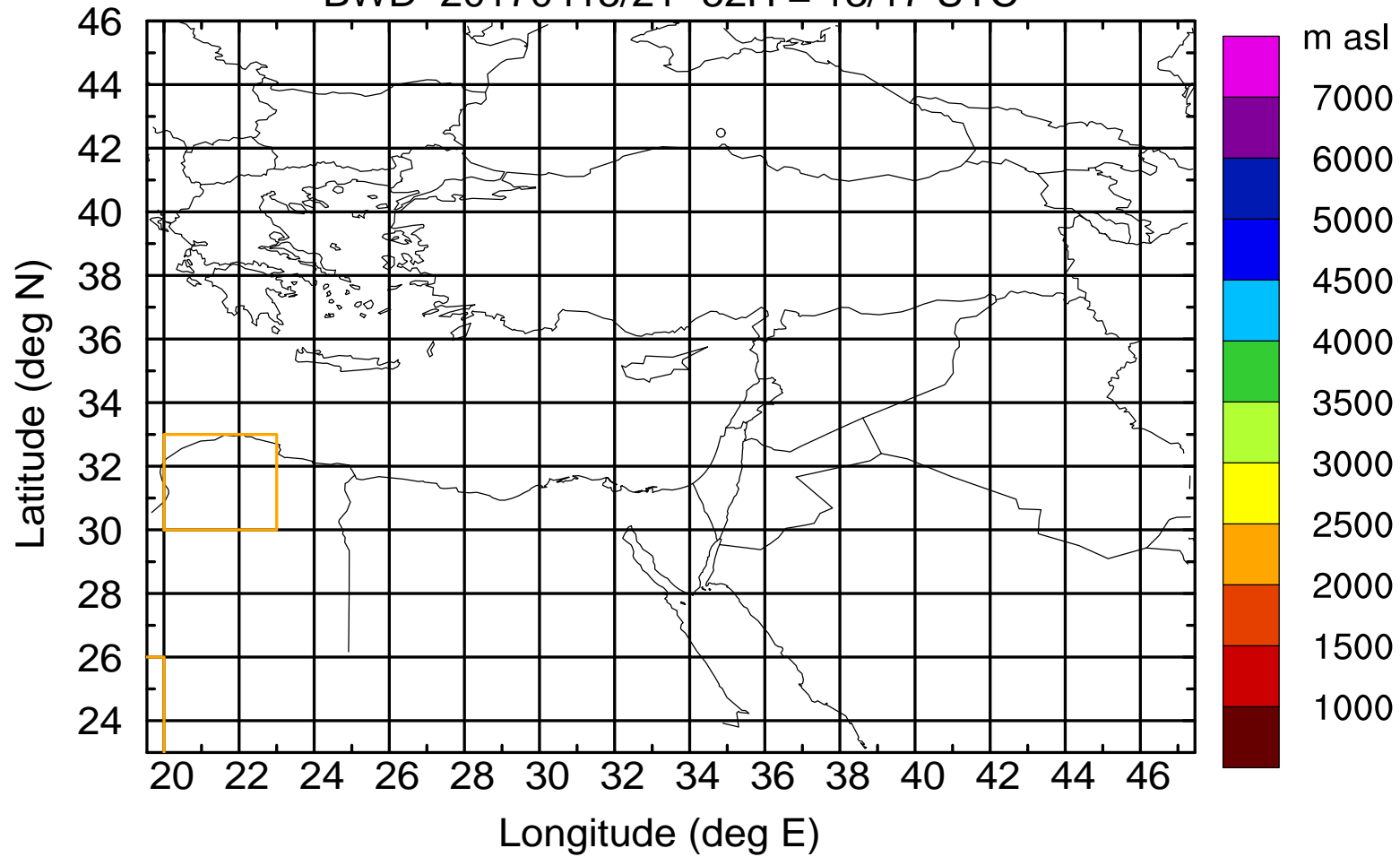
STS ground station 20170415

BWD 20170415/21 -52H = 13/17 UTC



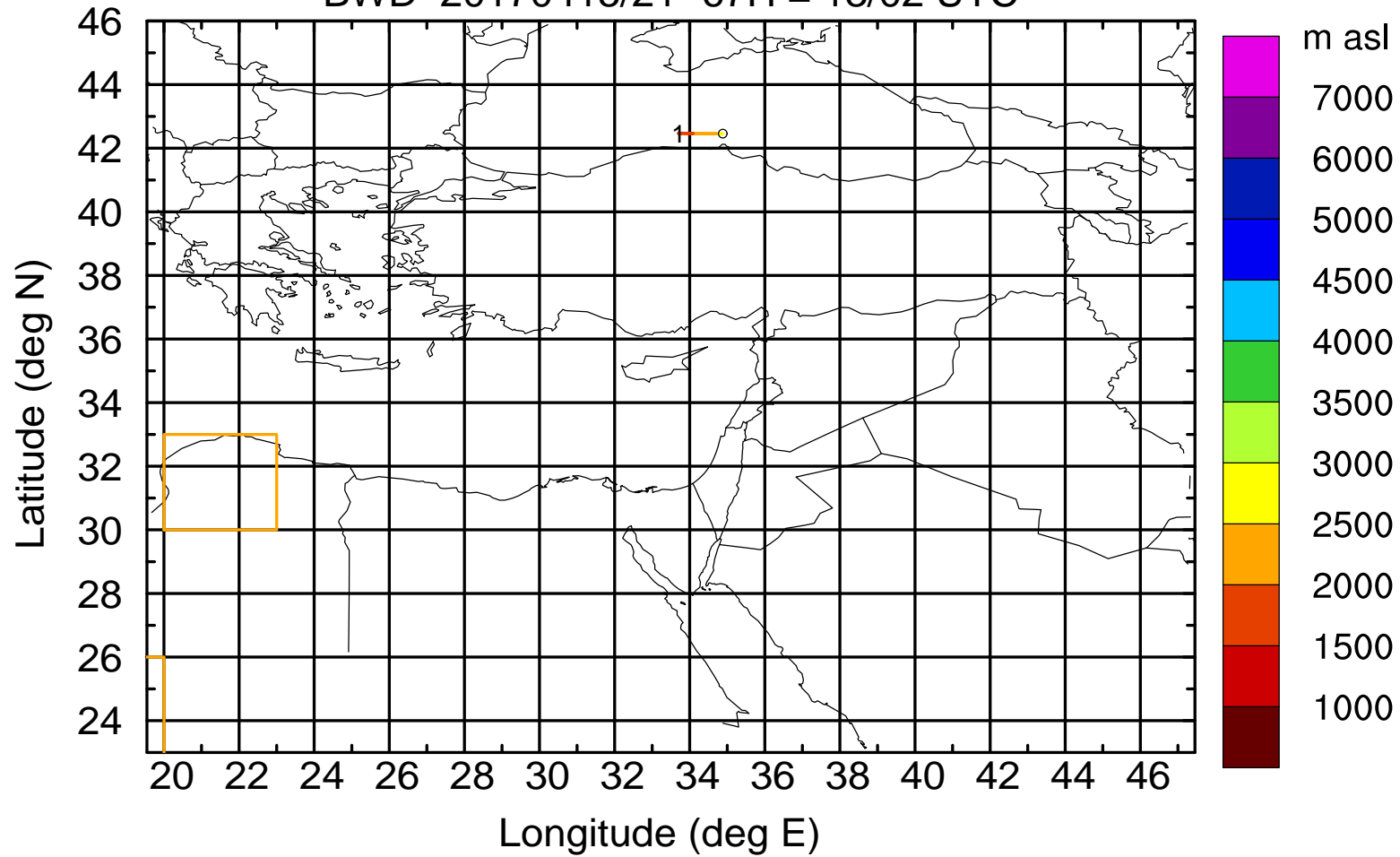
STS ground station 20170415

BWD 20170415/21 -52H = 13/17 UTC



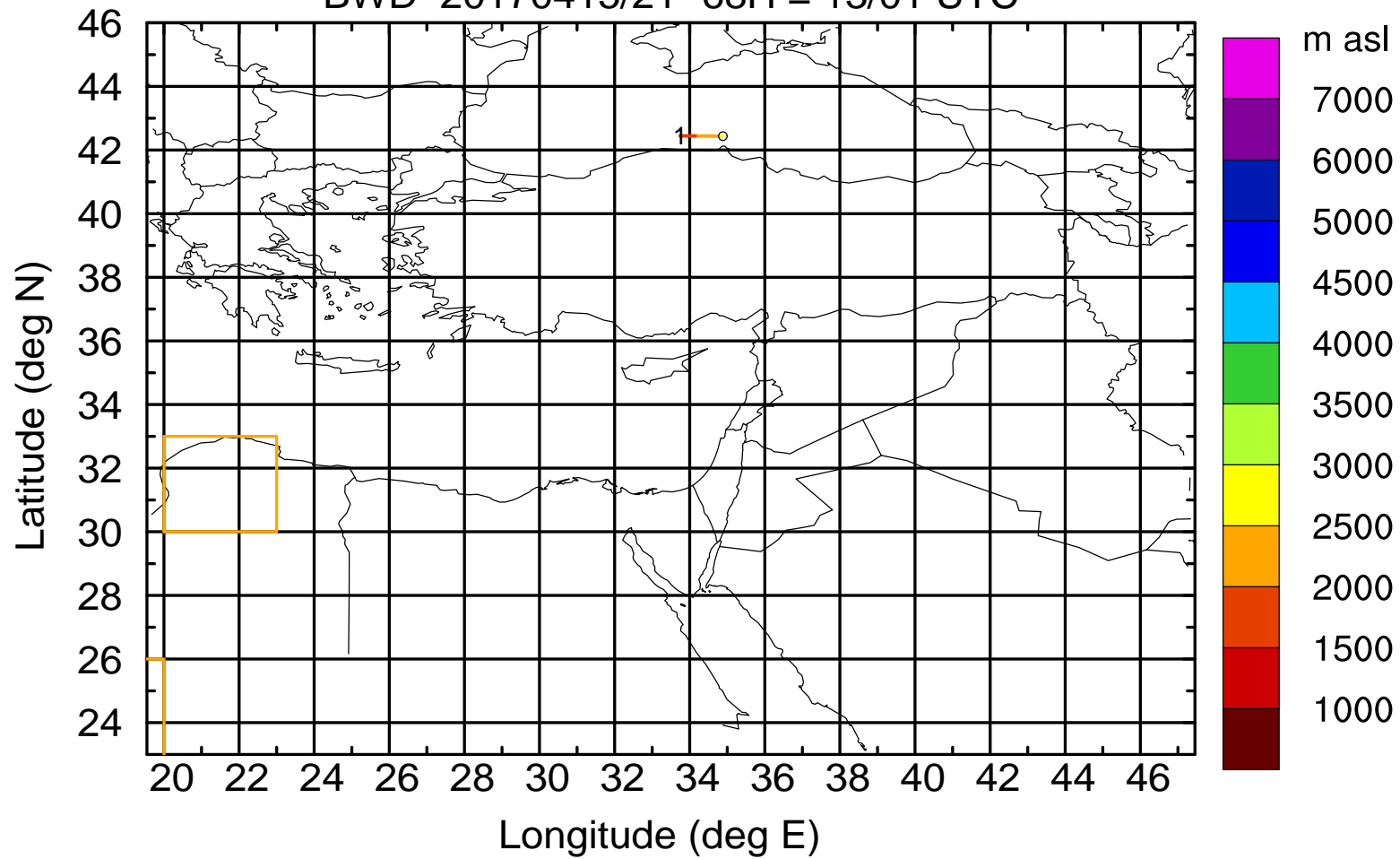
STS ground station 20170415

BWD 20170415/21 -67H = 13/02 UTC



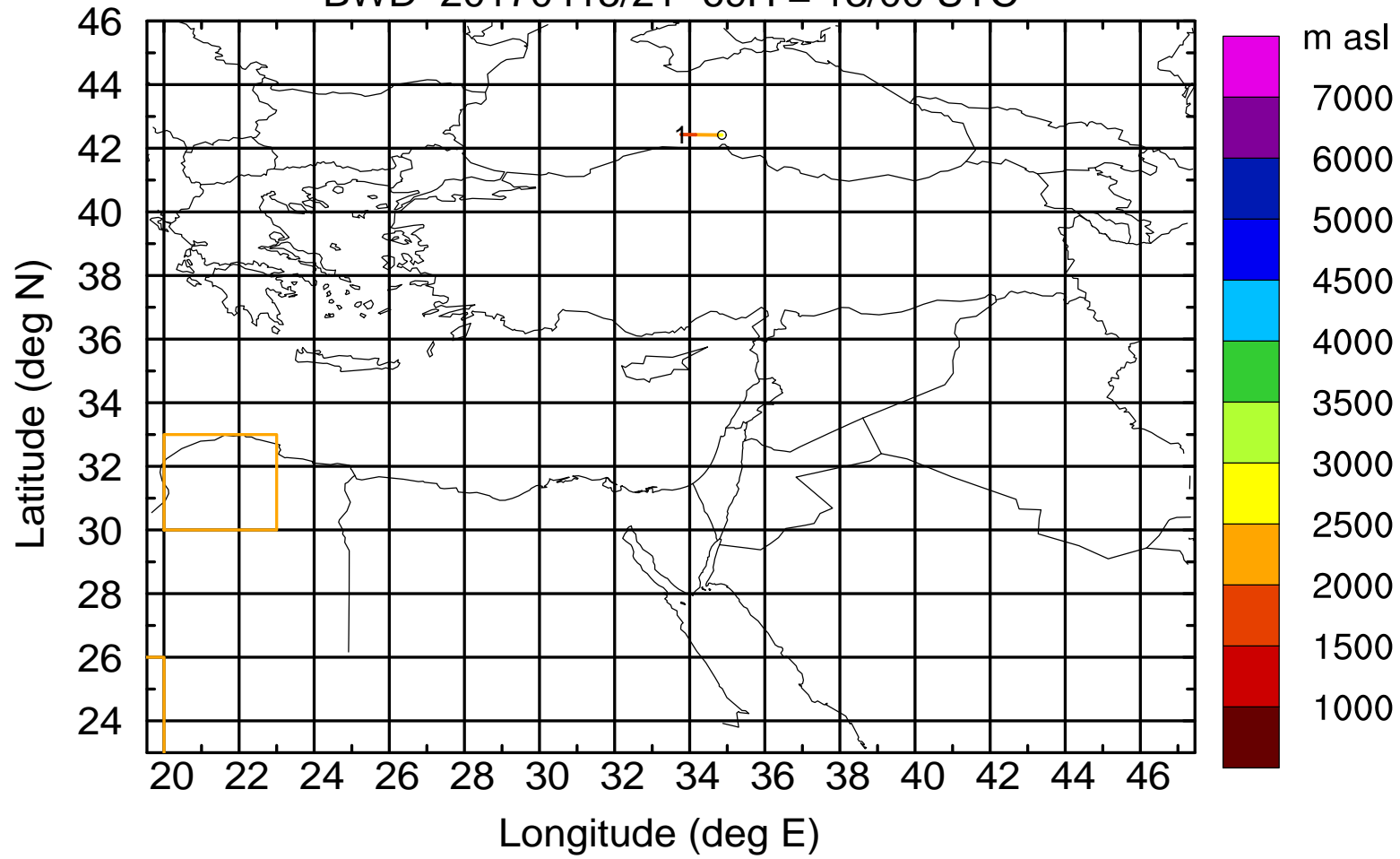
STS ground station 20170415

BWD 20170415/21 -68H = 13/01 UTC



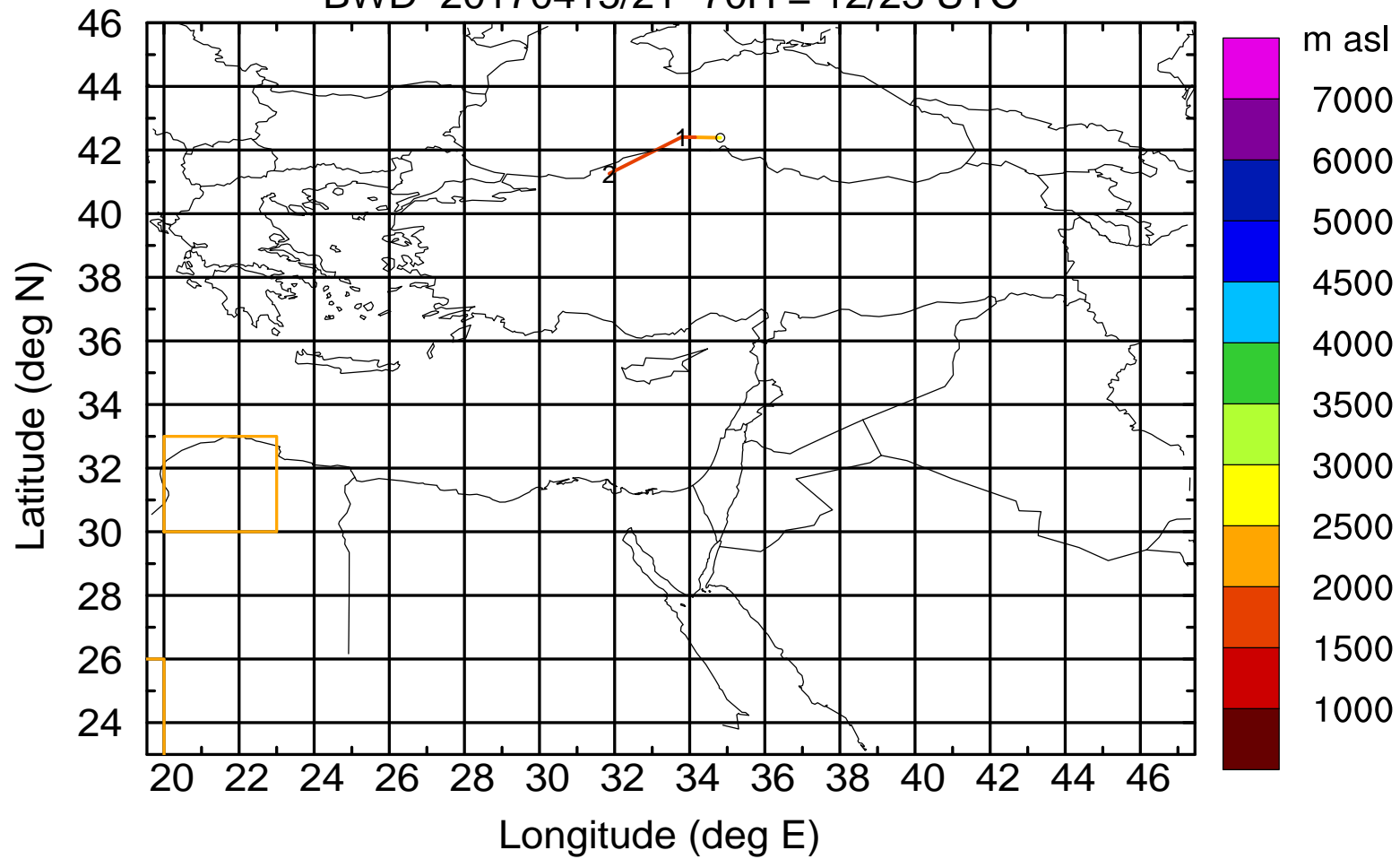
STS ground station 20170415

BWD 20170415/21 -69H = 13/00 UTC



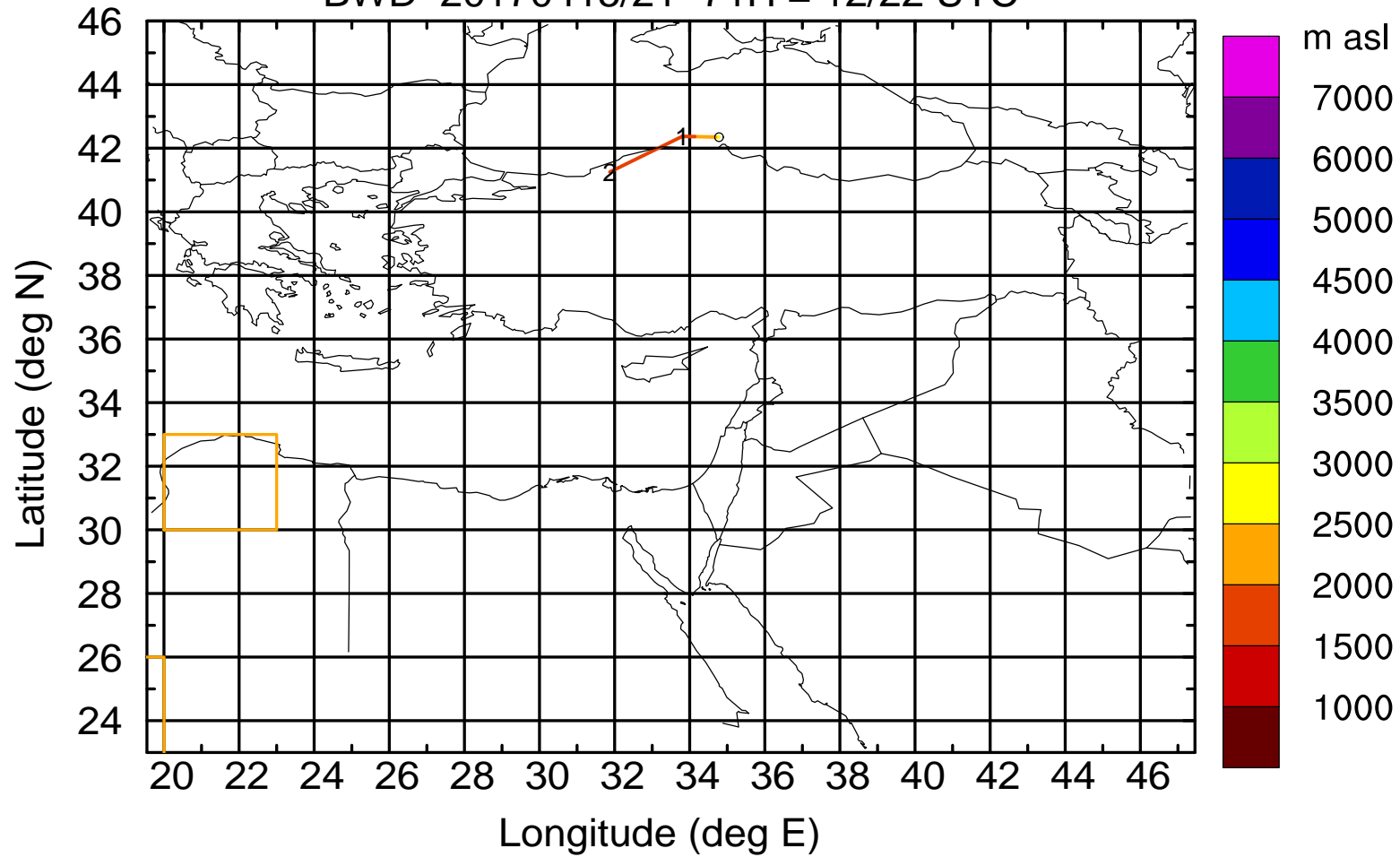
STS ground station 20170415

BWD 20170415/21 -70H = 12/23 UTC



STS ground station 20170415

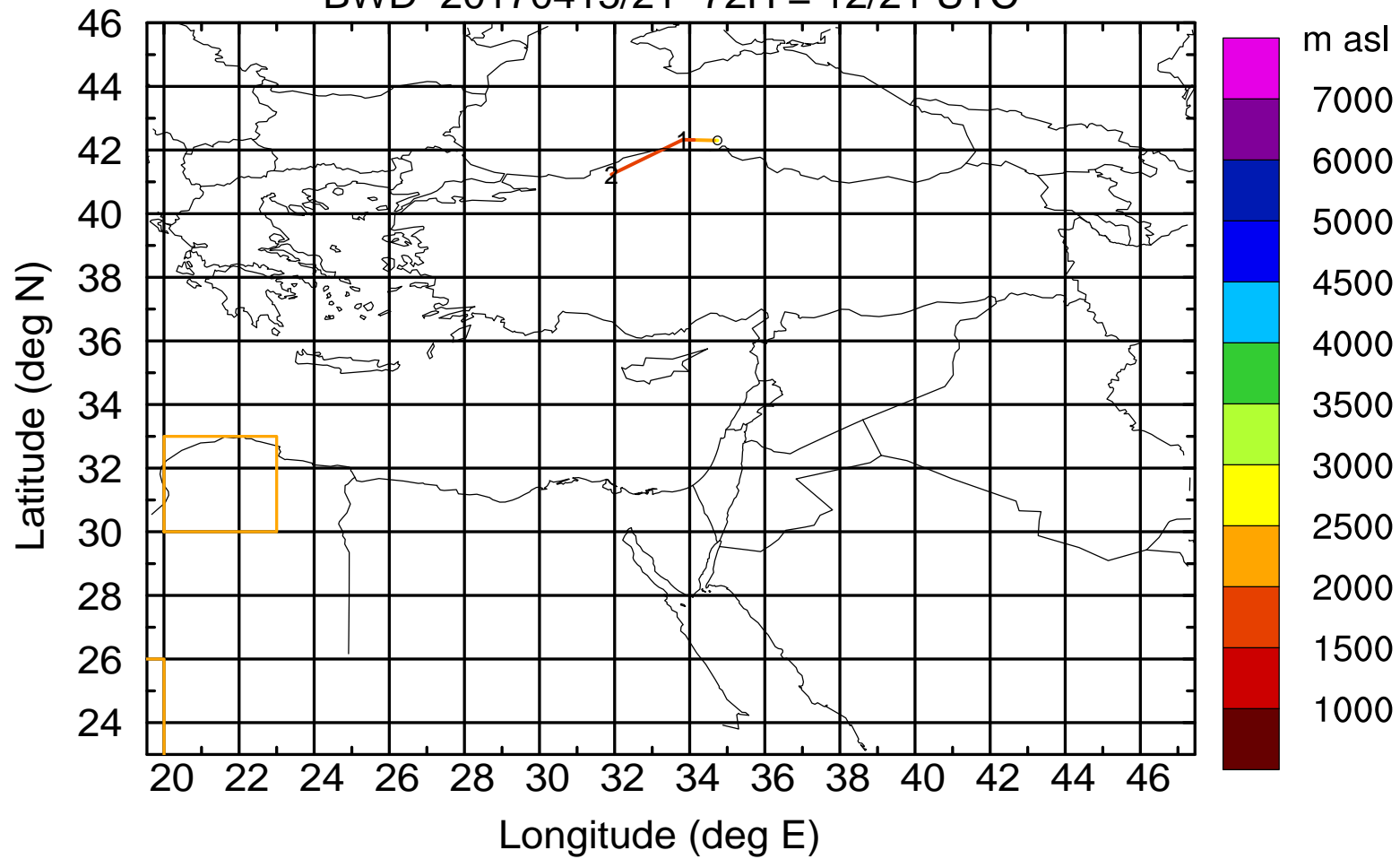
BWD 20170415/21 -71H = 12/22 UTC





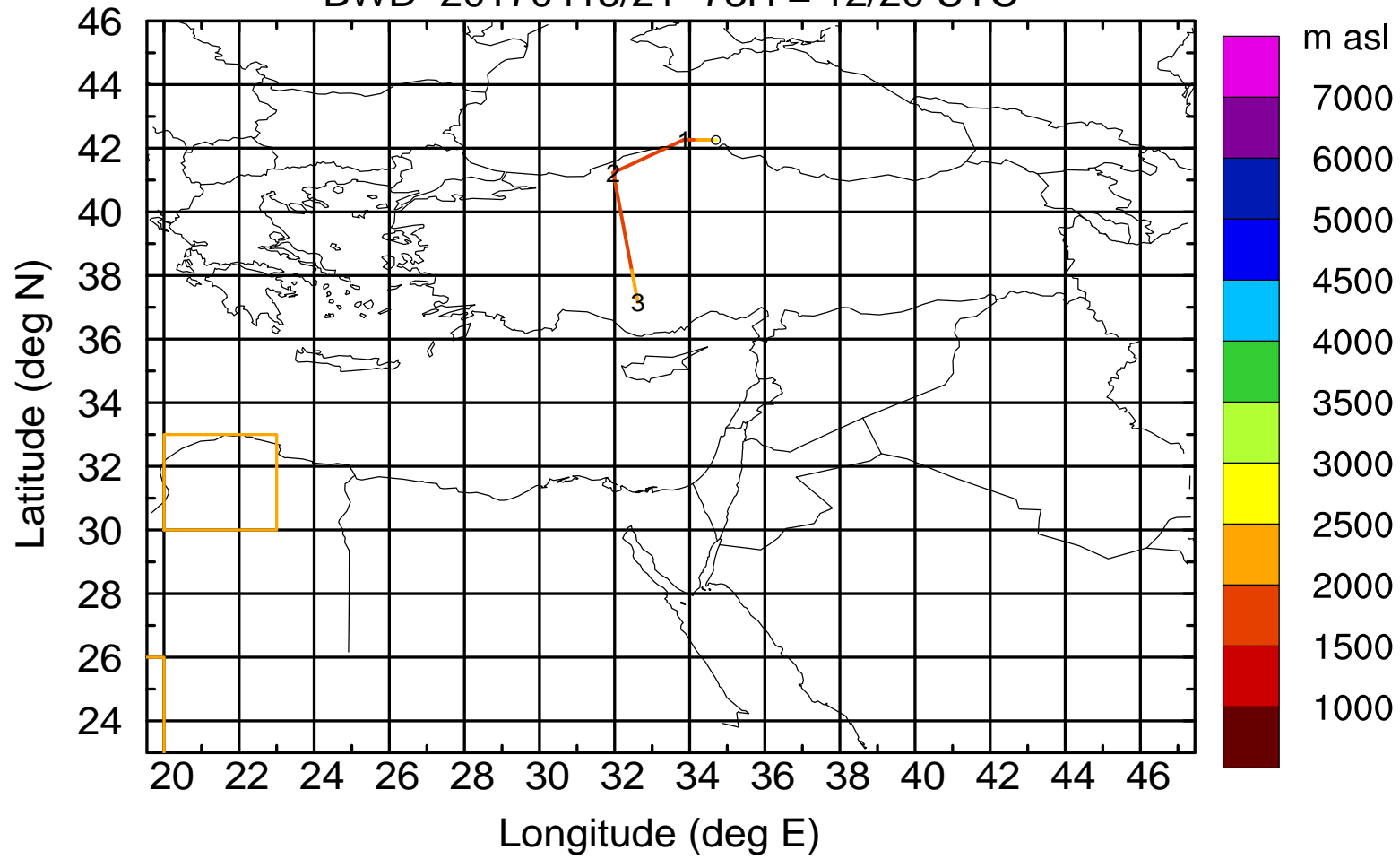
STS ground station 20170415

BWD 20170415/21 -72H = 12/21 UTC



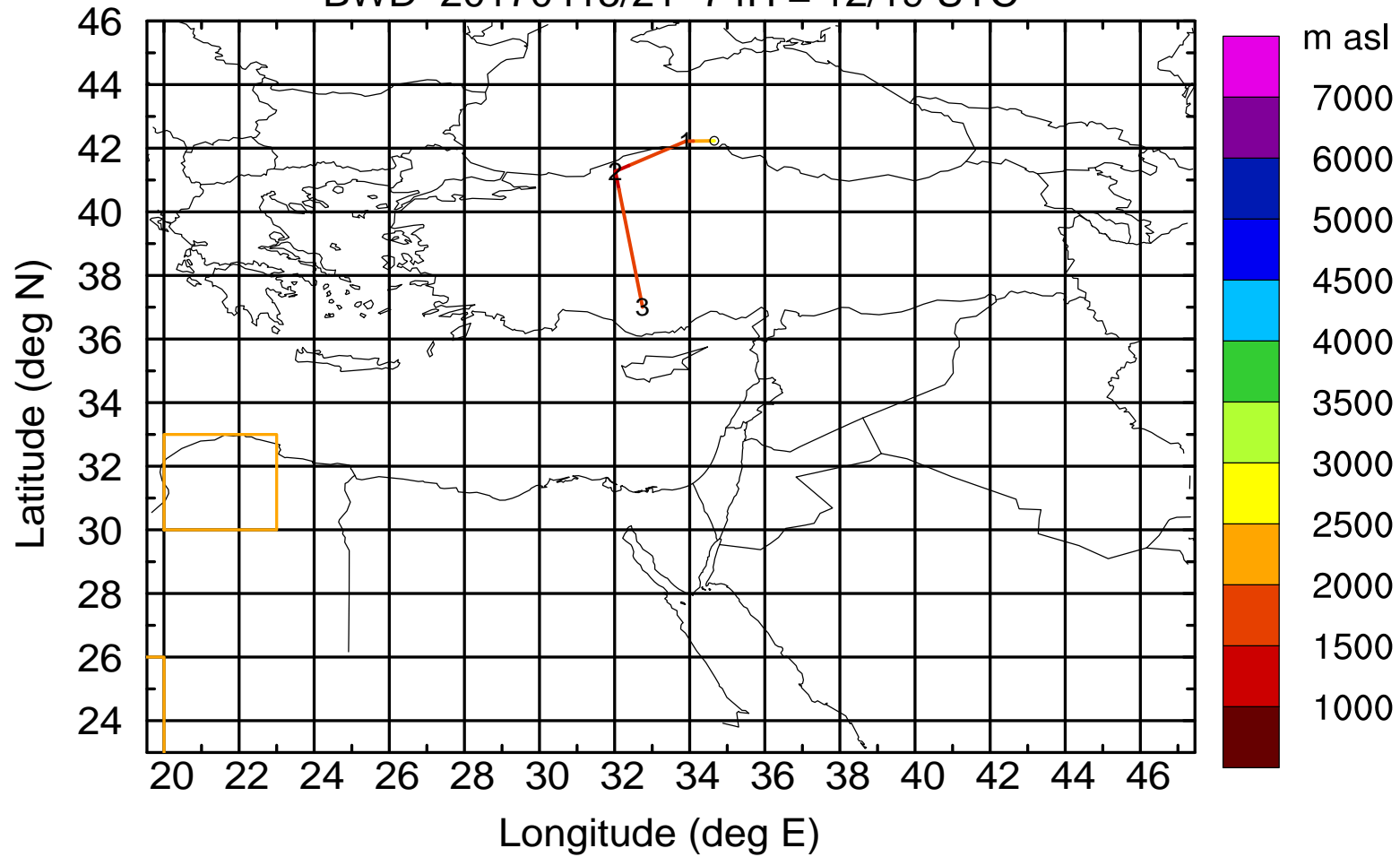
STS ground station 20170415

BWD 20170415/21 -73H = 12/20 UTC



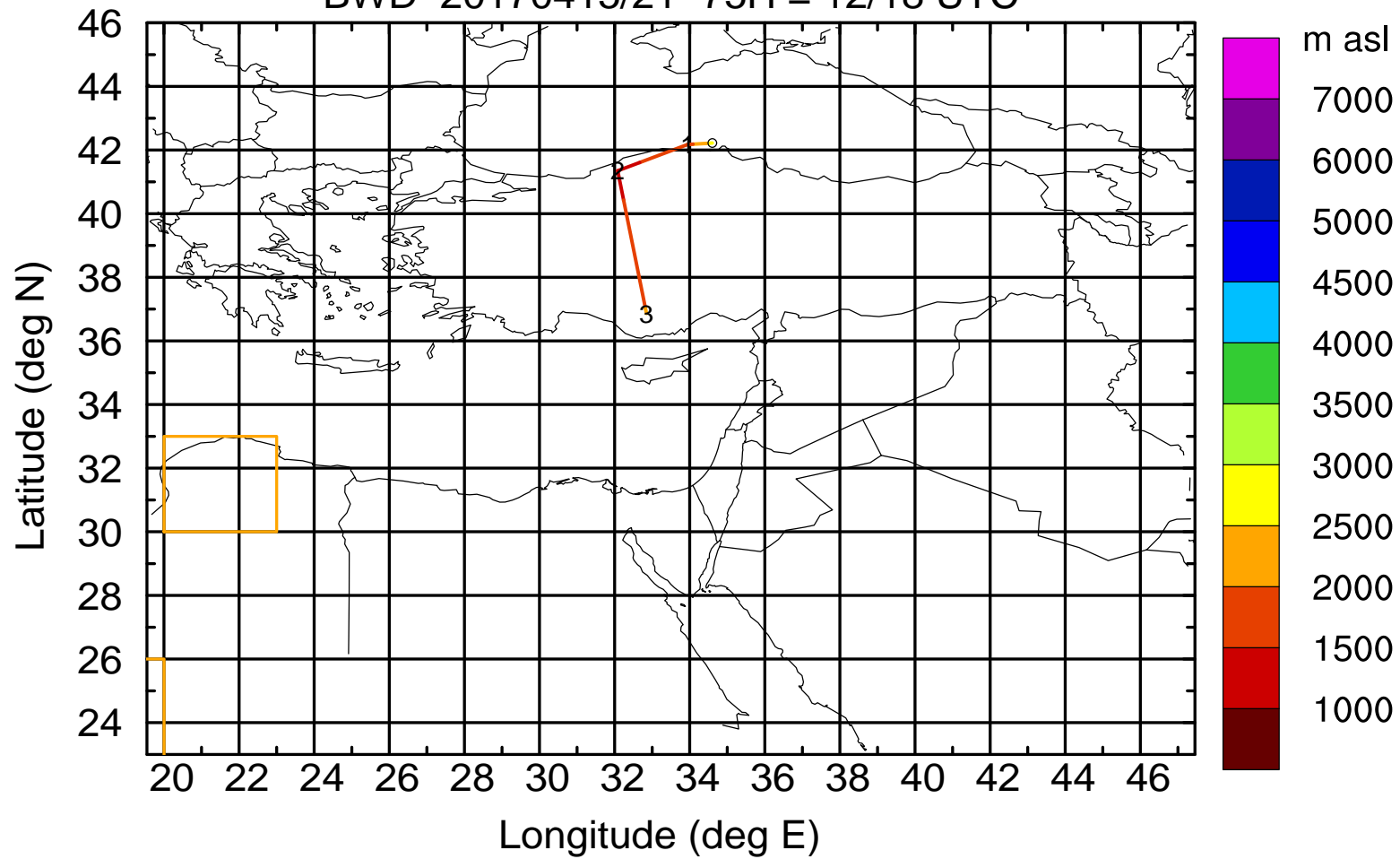
STS ground station 20170415

BWD 20170415/21 -74H = 12/19 UTC



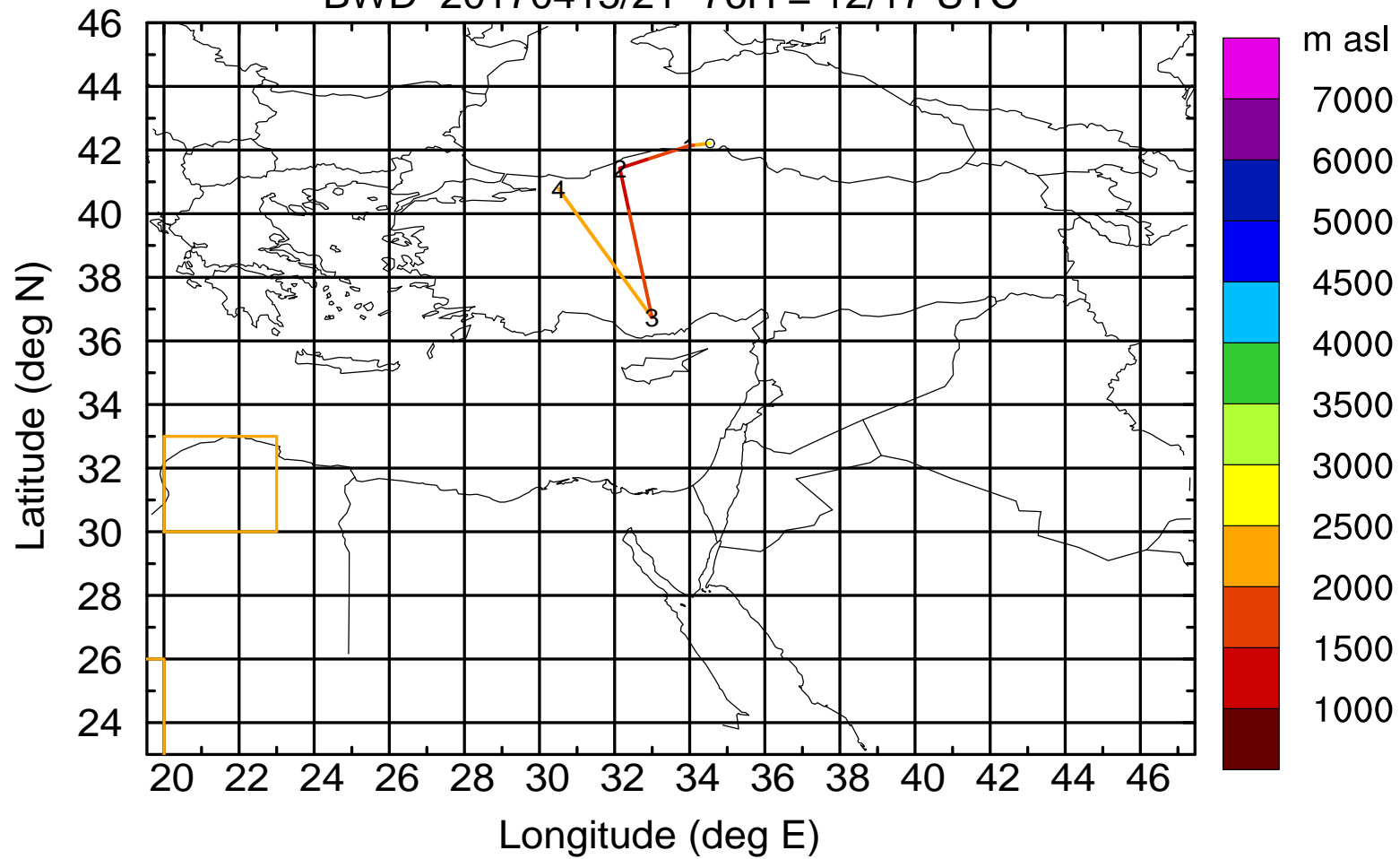
STS ground station 20170415

BWD 20170415/21 -75H = 12/18 UTC



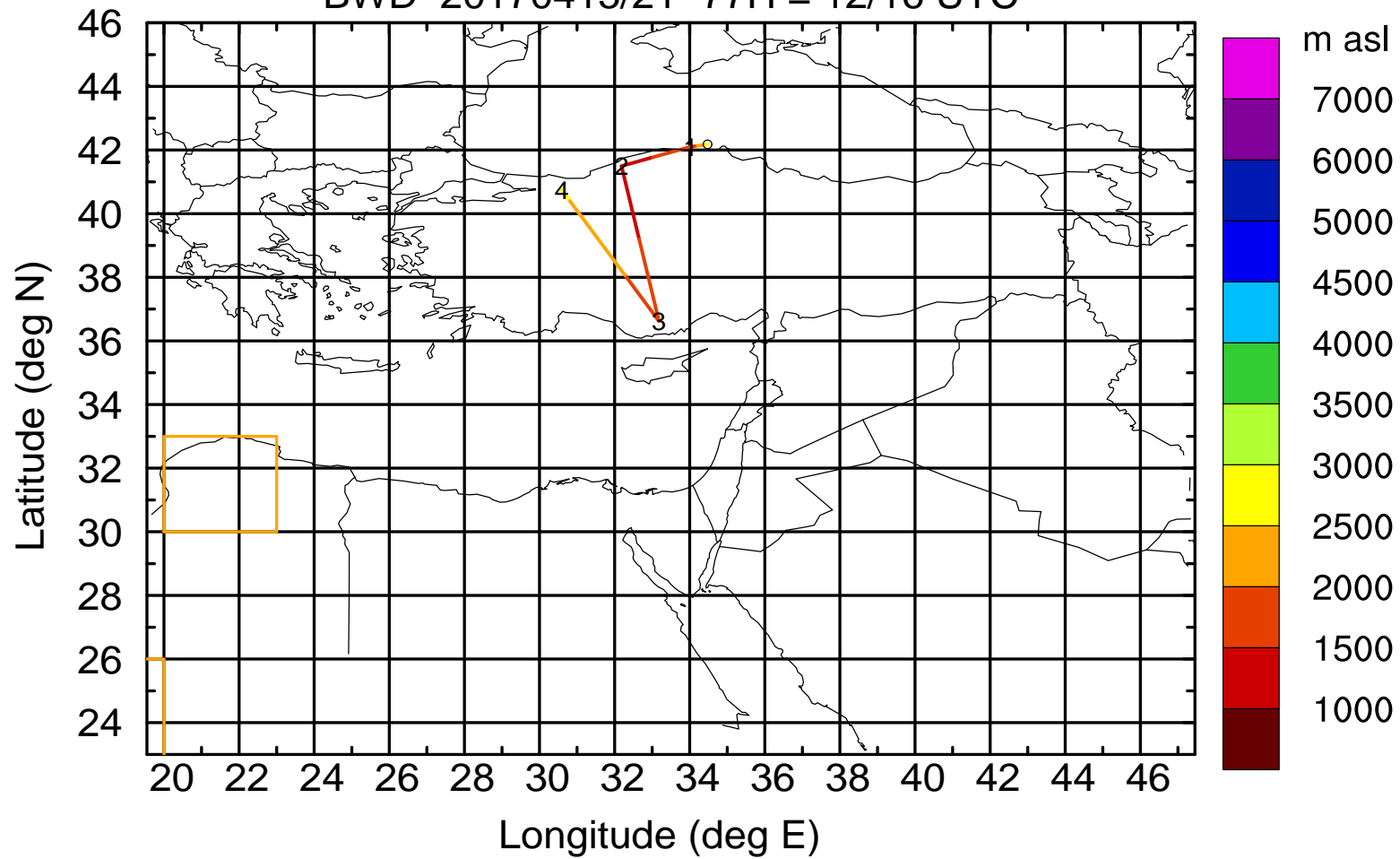
STS ground station 20170415

BWD 20170415/21 -76H = 12/17 UTC



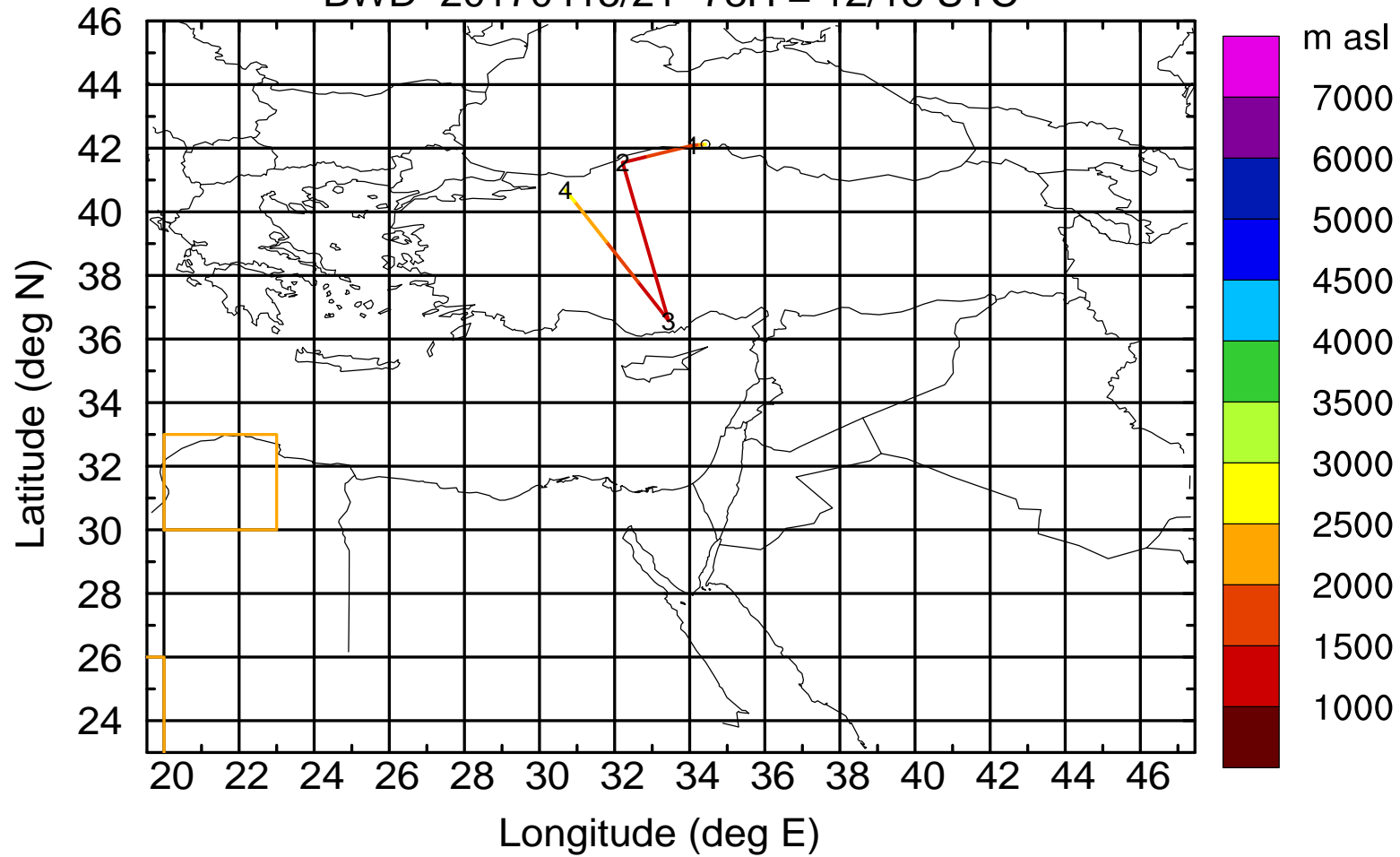
STS ground station 20170415

BWD 20170415/21 -77H = 12/16 UTC



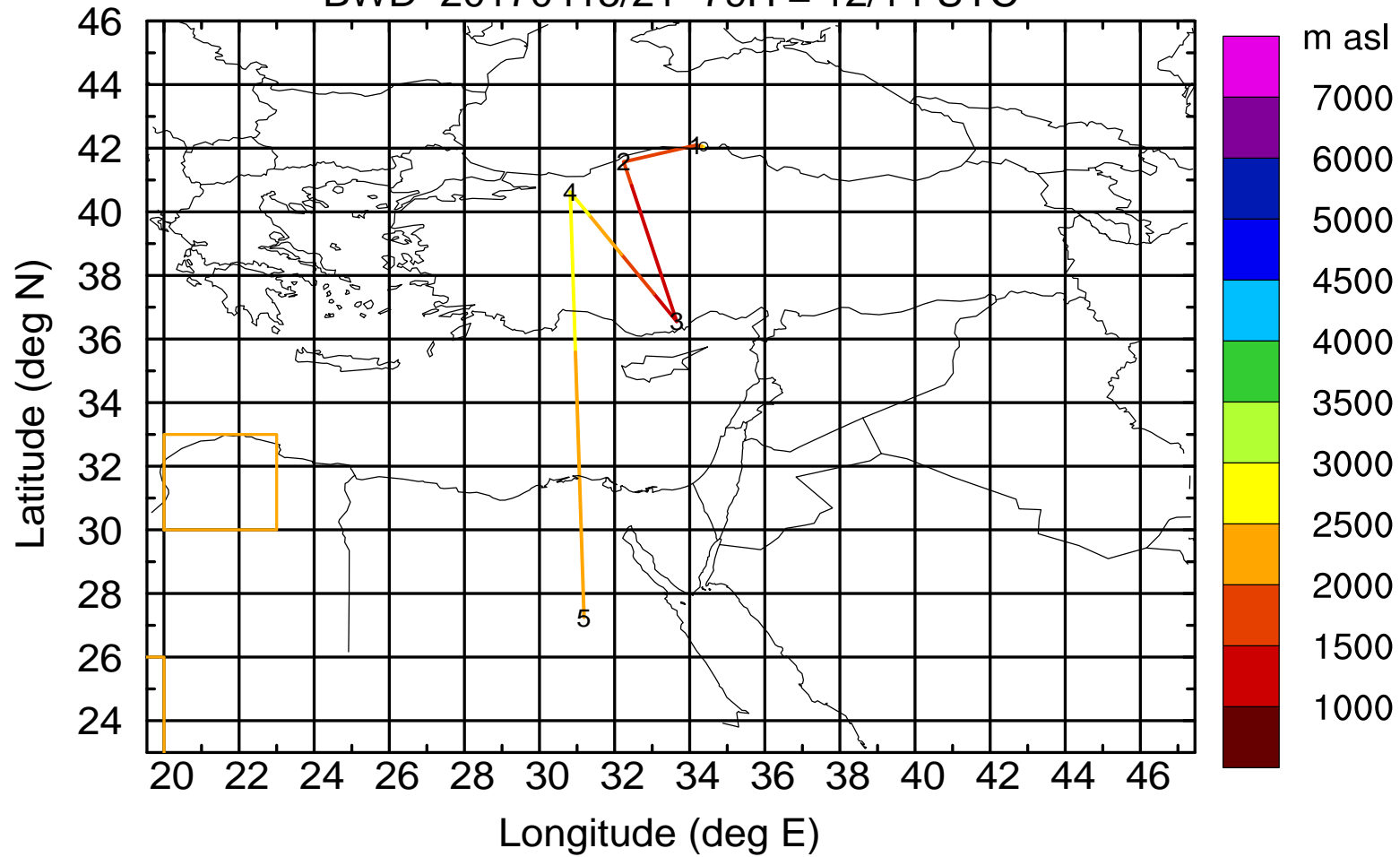
STS ground station 20170415

BWD 20170415/21 -78H = 12/15 UTC



STS ground station 20170415

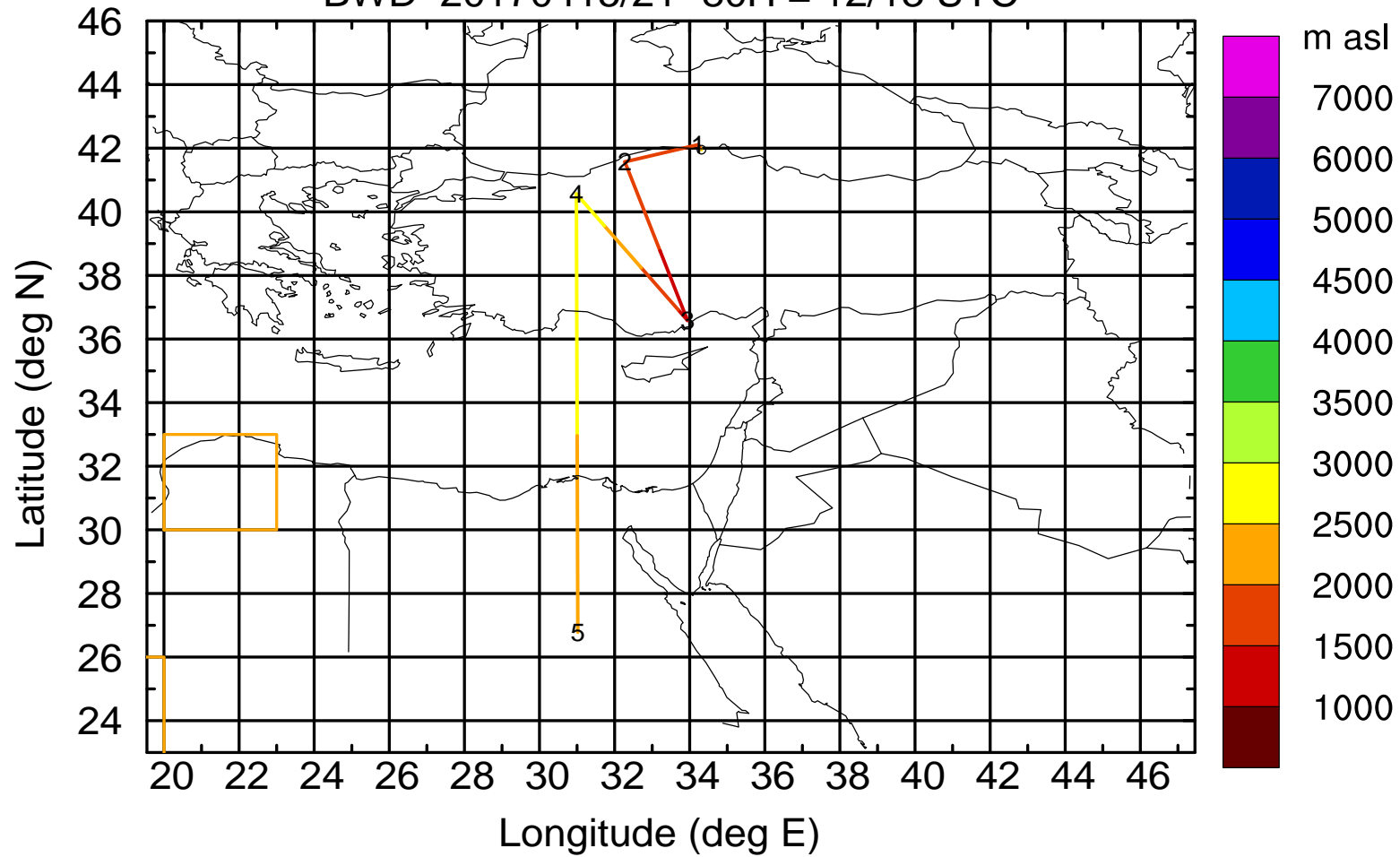
BWD 20170415/21 -79H = 12/14 UTC





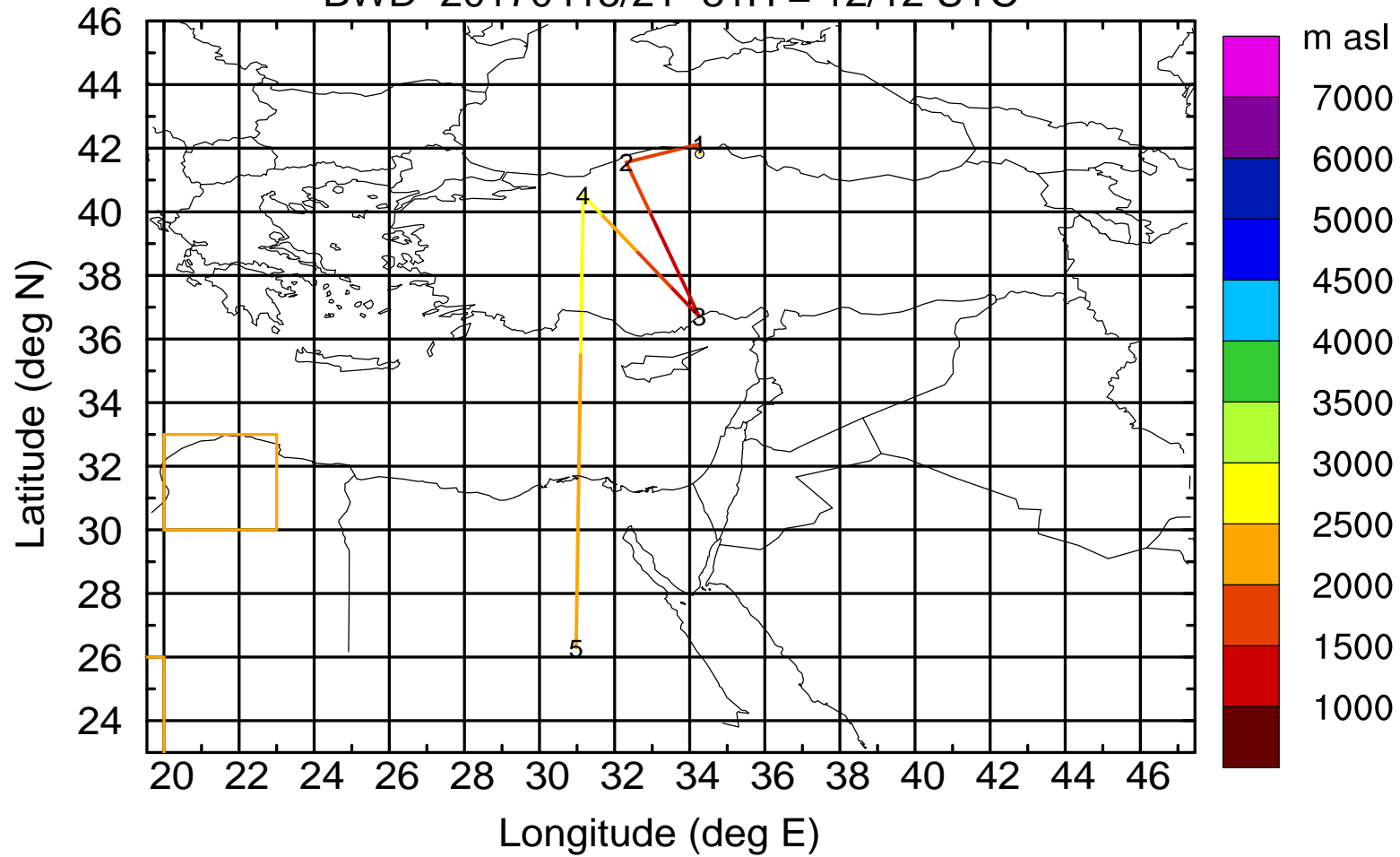
STS ground station 20170415

BWD 20170415/21 -80H = 12/13 UTC



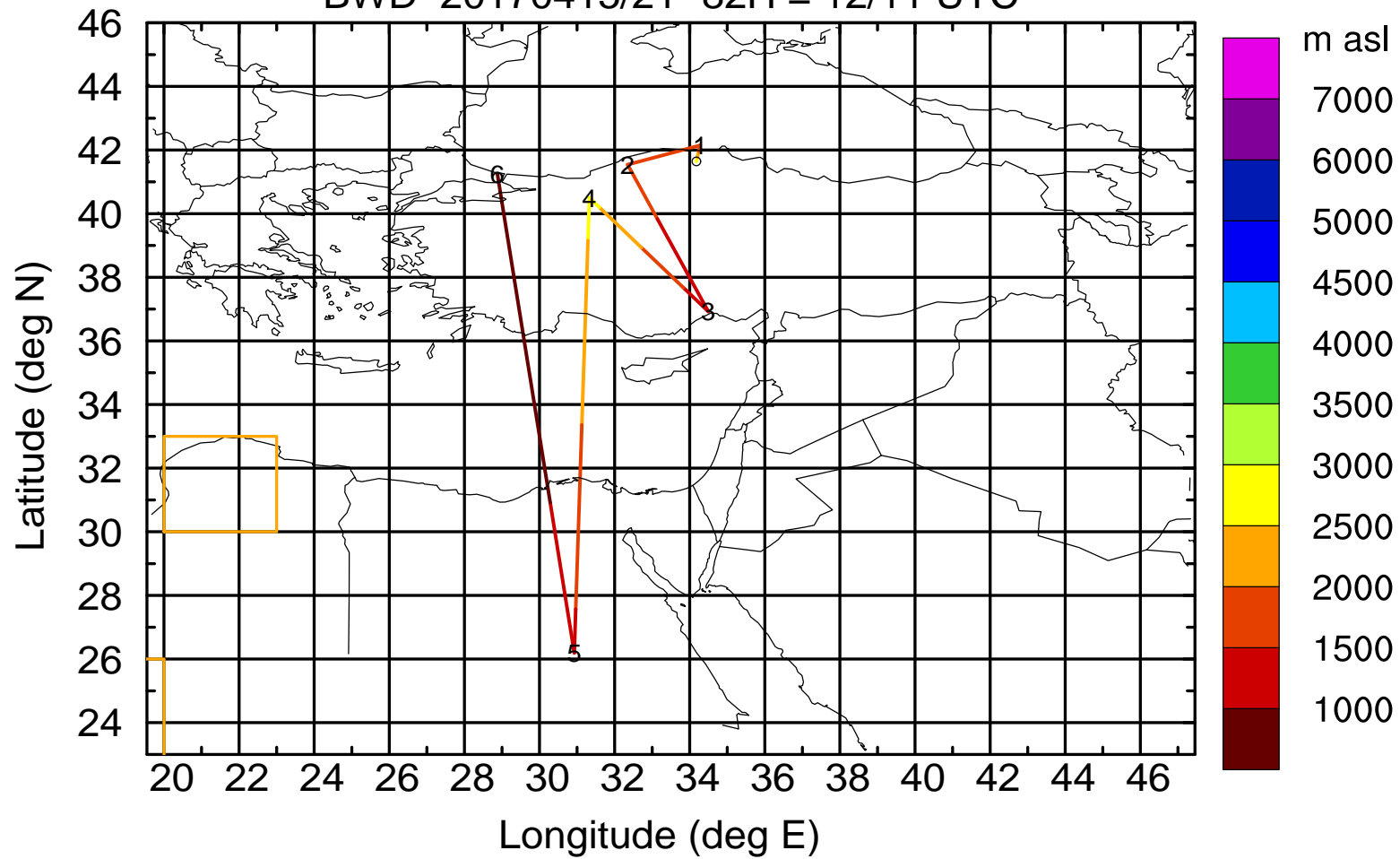
STS ground station 20170415

BWD 20170415/21 -81H = 12/12 UTC



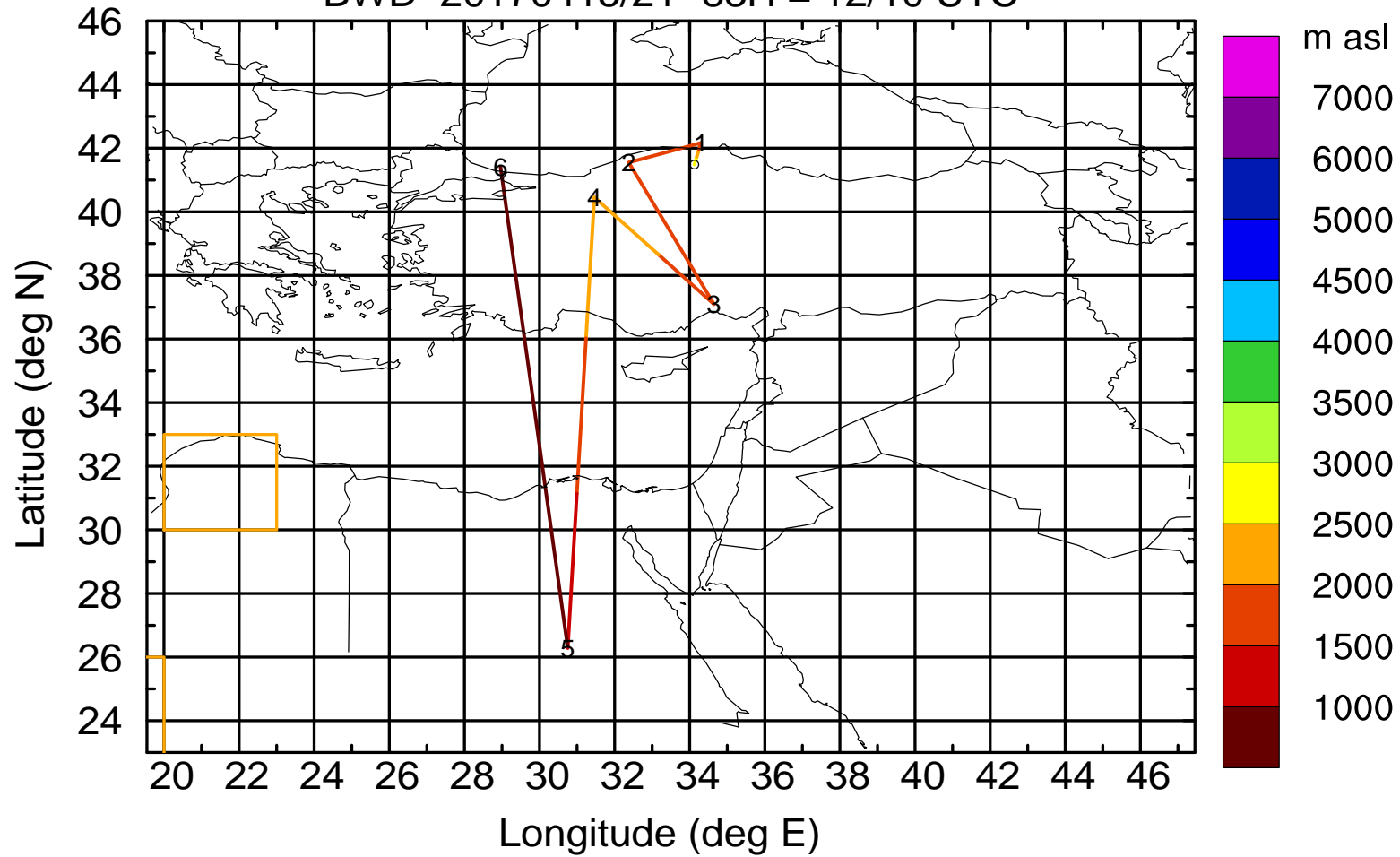
STS ground station 20170415

BWD 20170415/21 -82H = 12/11 UTC



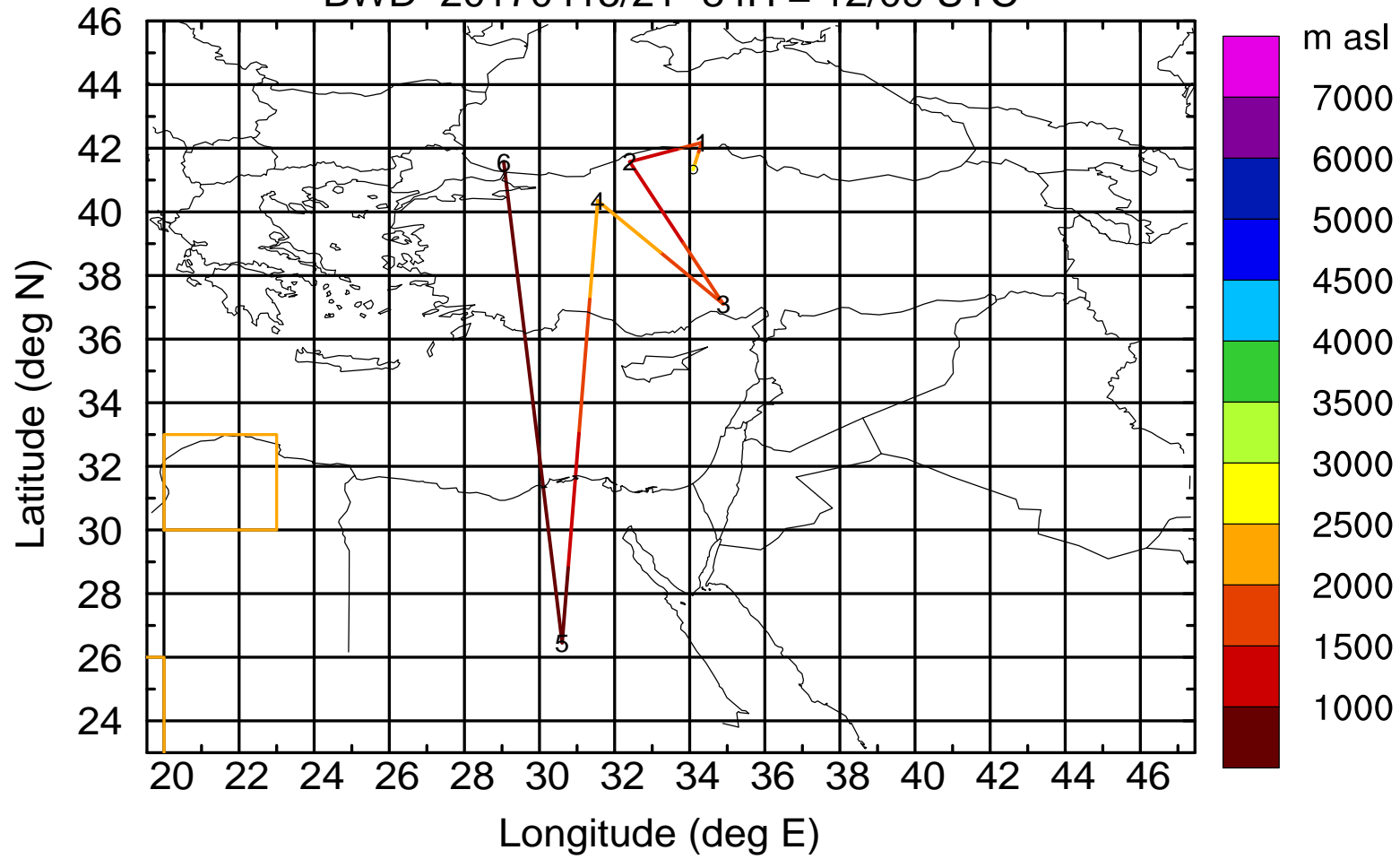
STS ground station 20170415

BWD 20170415/21 -83H = 12/10 UTC



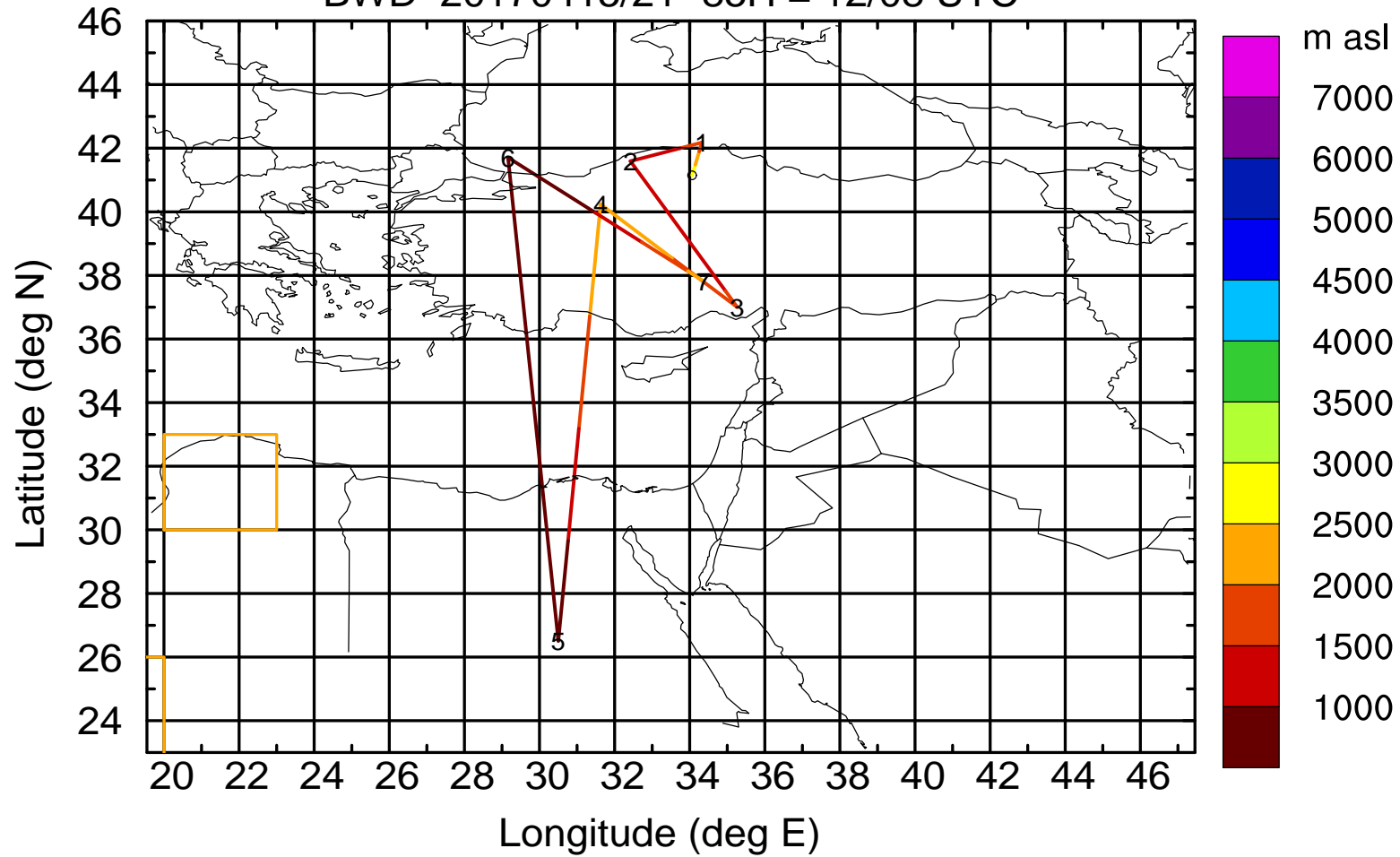
STS ground station 20170415

BWD 20170415/21 -84H = 12/09 UTC



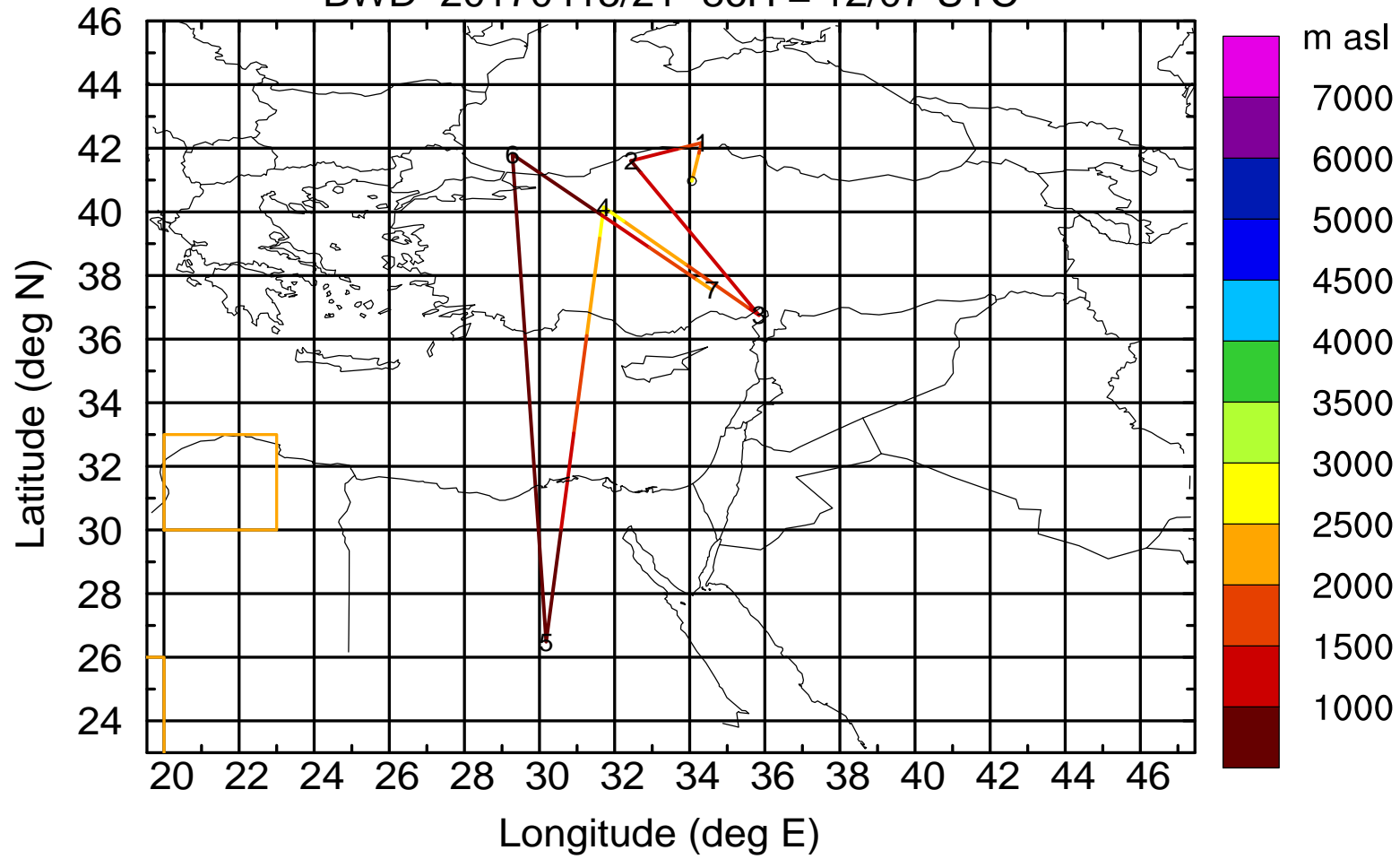
STS ground station 20170415

BWD 20170415/21 -85H = 12/08 UTC



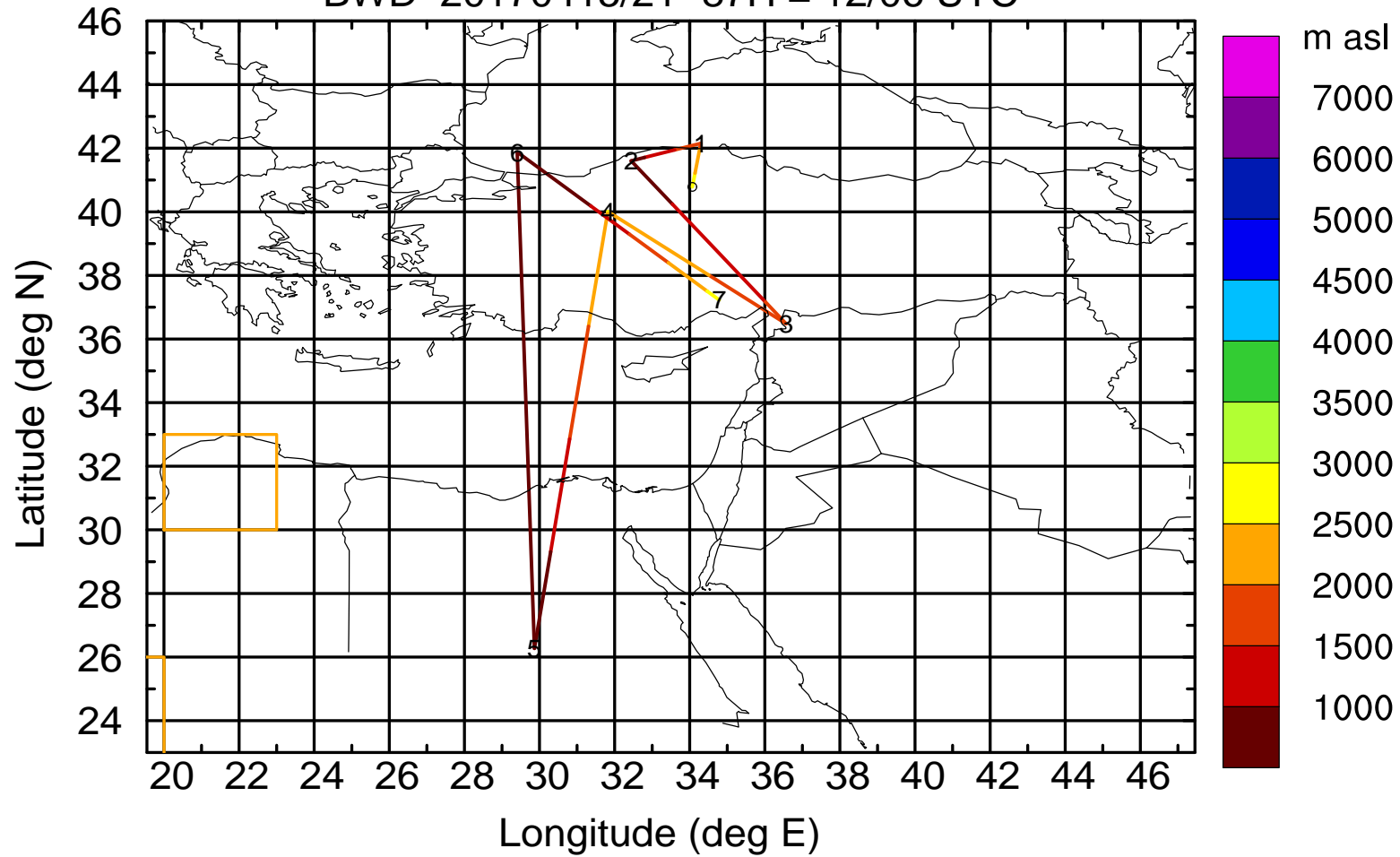
STS ground station 20170415

BWD 20170415/21 -86H = 12/07 UTC



STS ground station 20170415

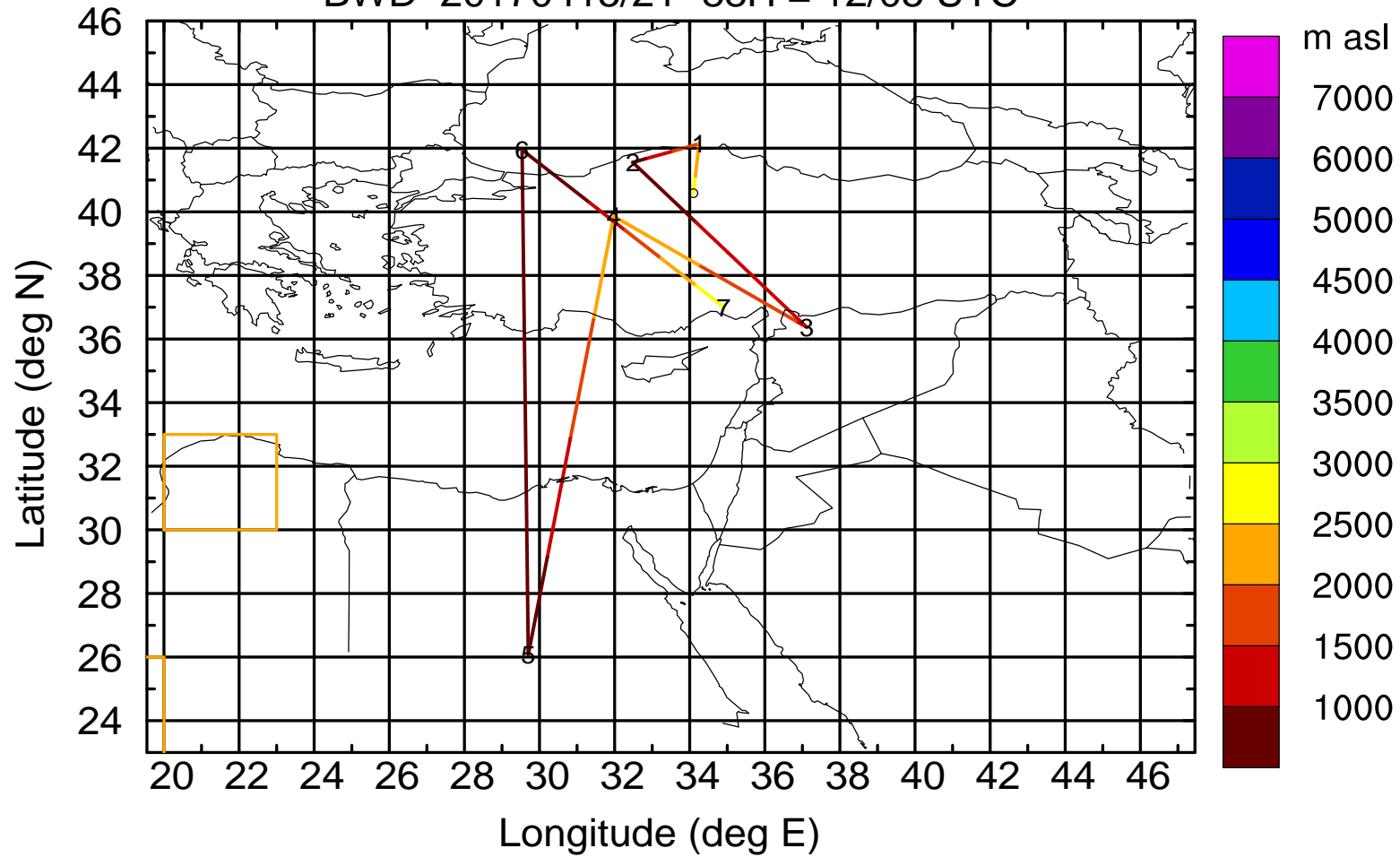
BWD 20170415/21 -87H = 12/06 UTC





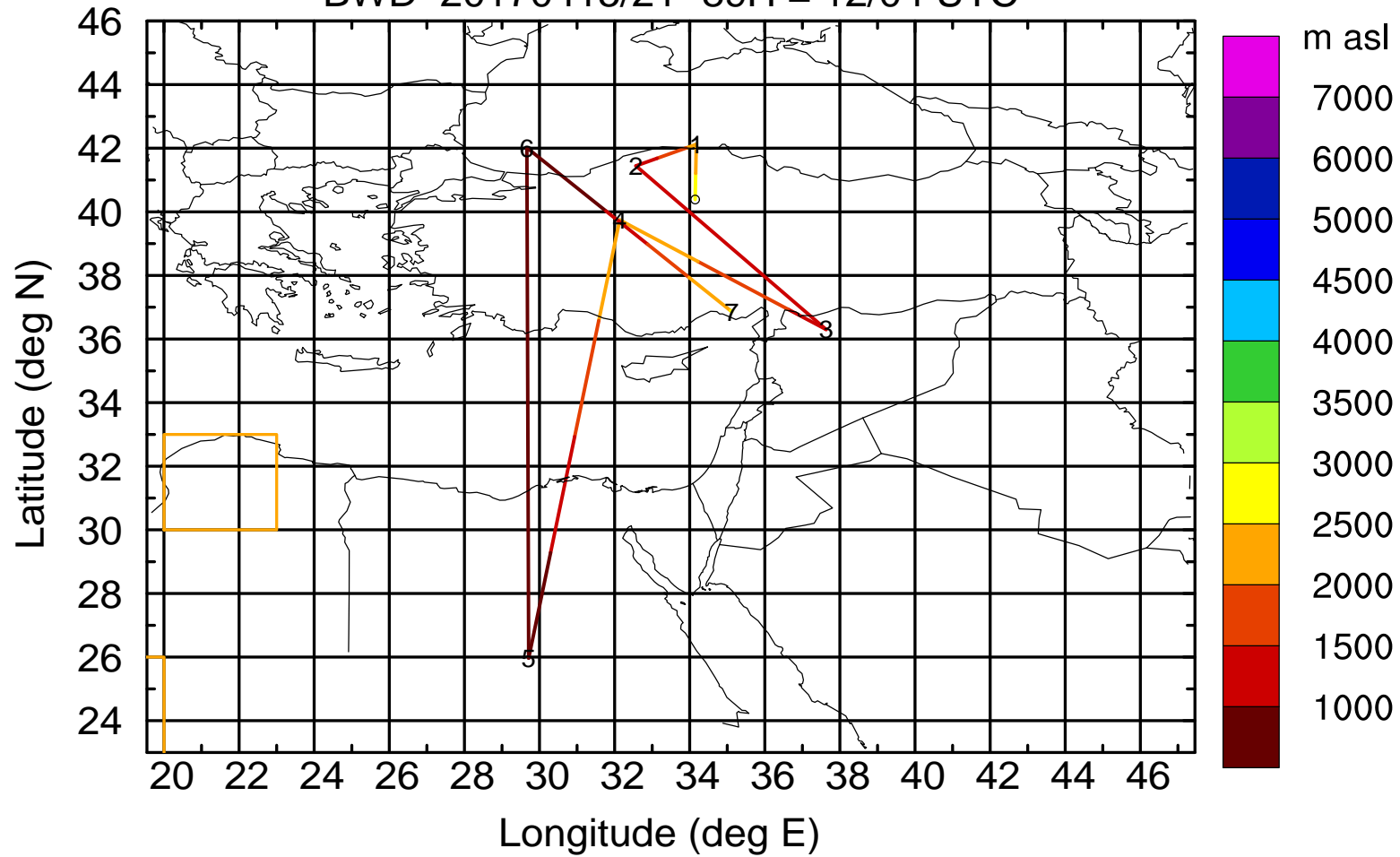
STS ground station 20170415

BWD 20170415/21 -88H = 12/05 UTC



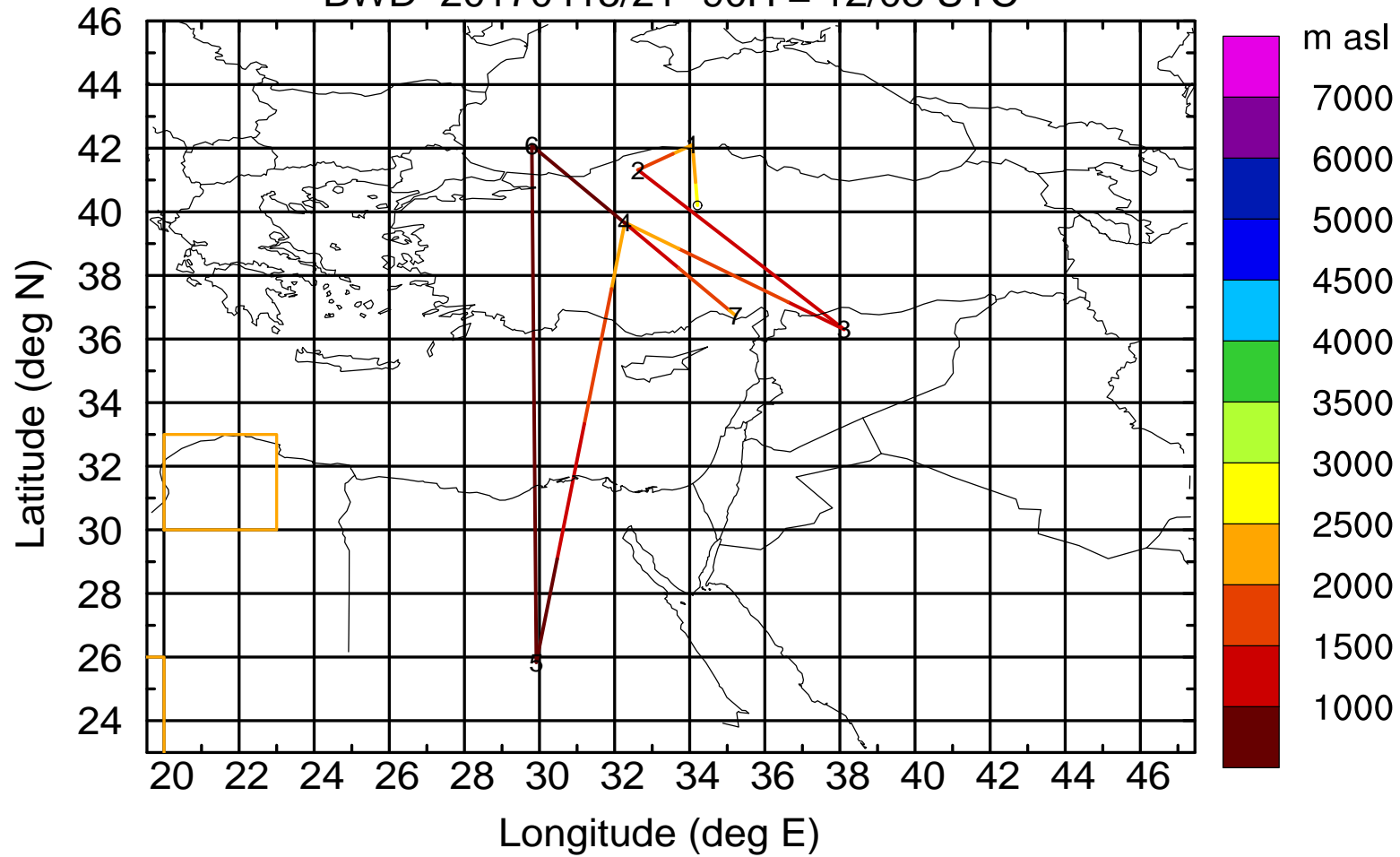
STS ground station 20170415

BWD 20170415/21 -89H = 12/04 UTC



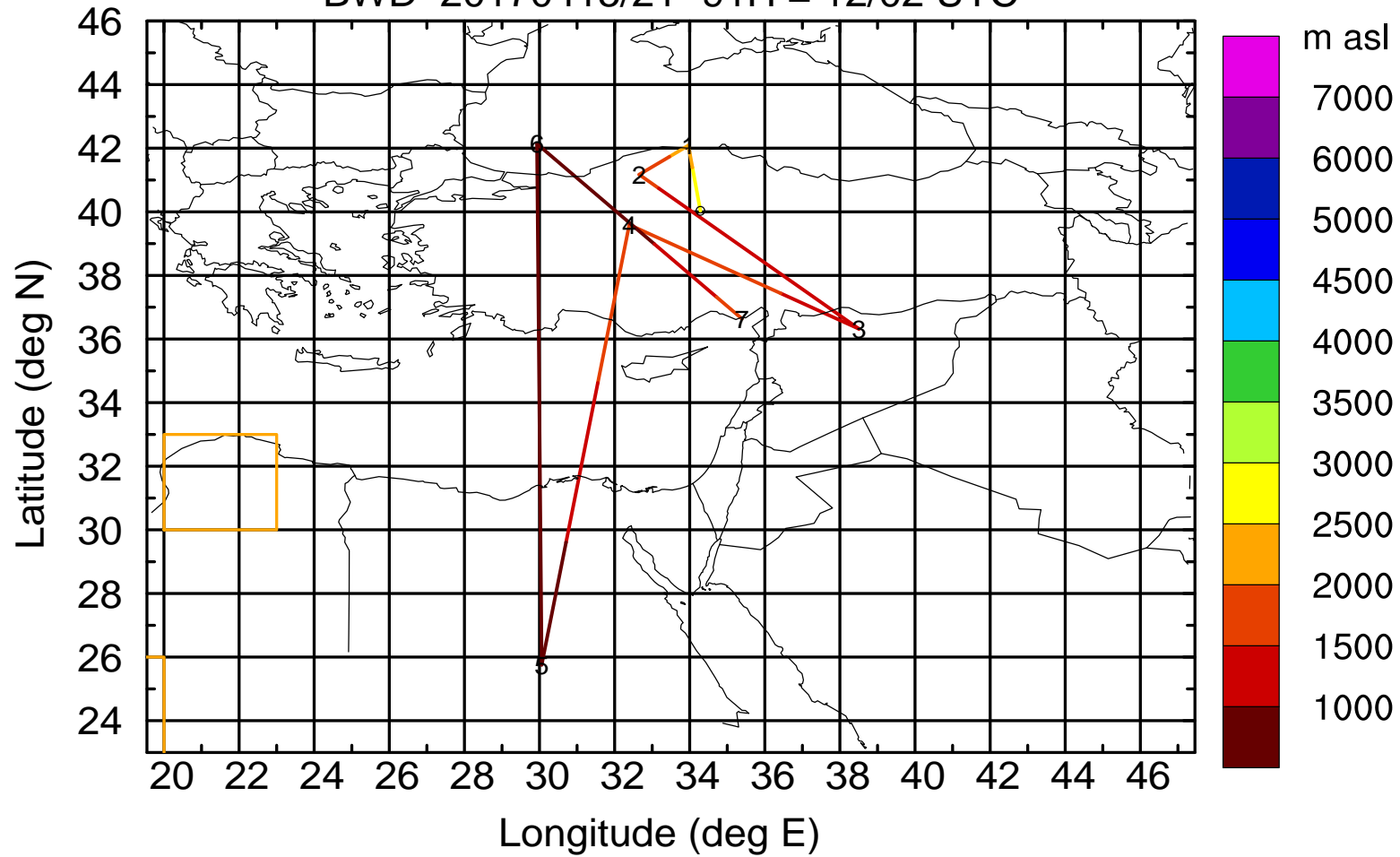
STS ground station 20170415

BWD 20170415/21 -90H = 12/03 UTC



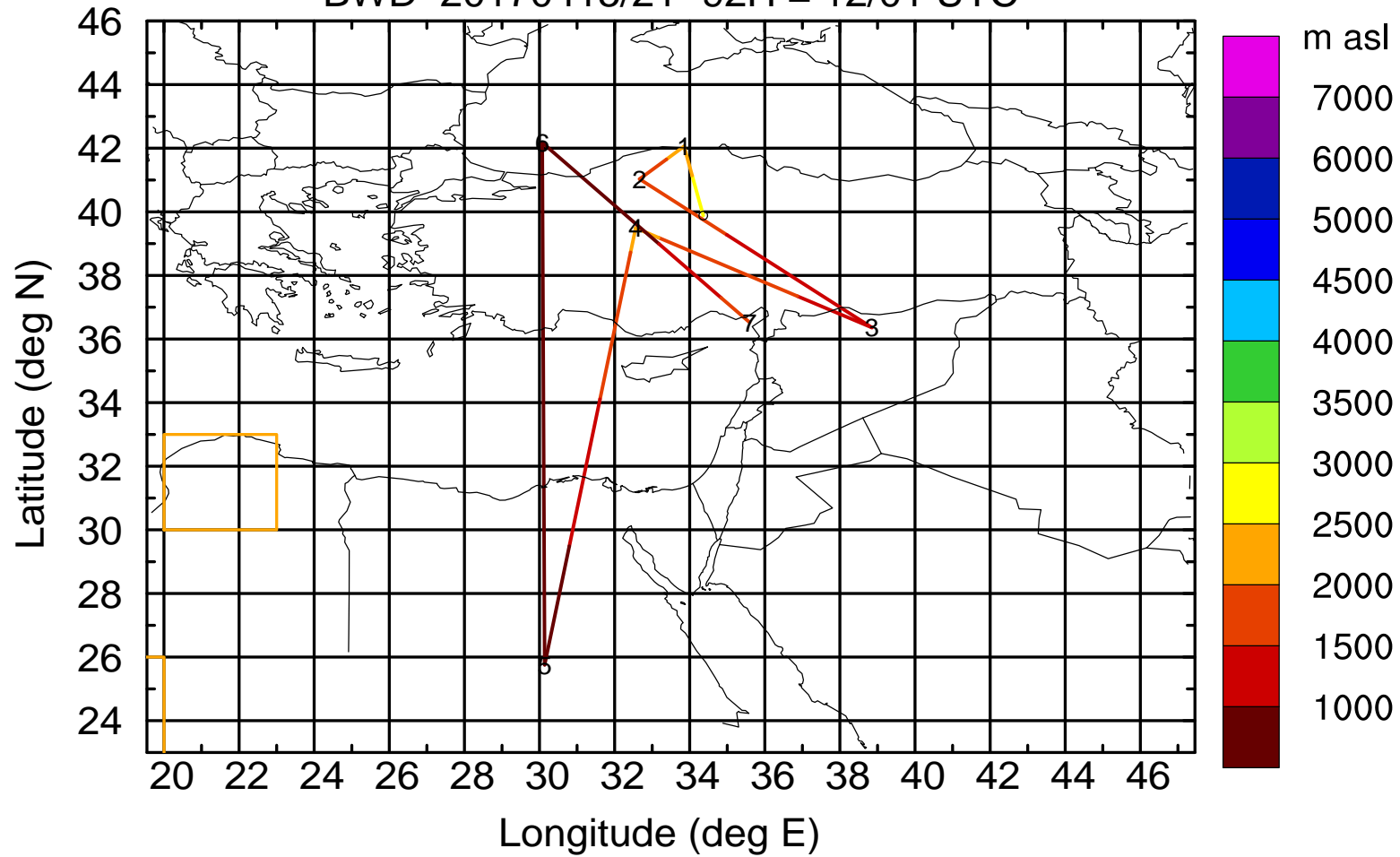
STS ground station 20170415

BWD 20170415/21 -91H = 12/02 UTC



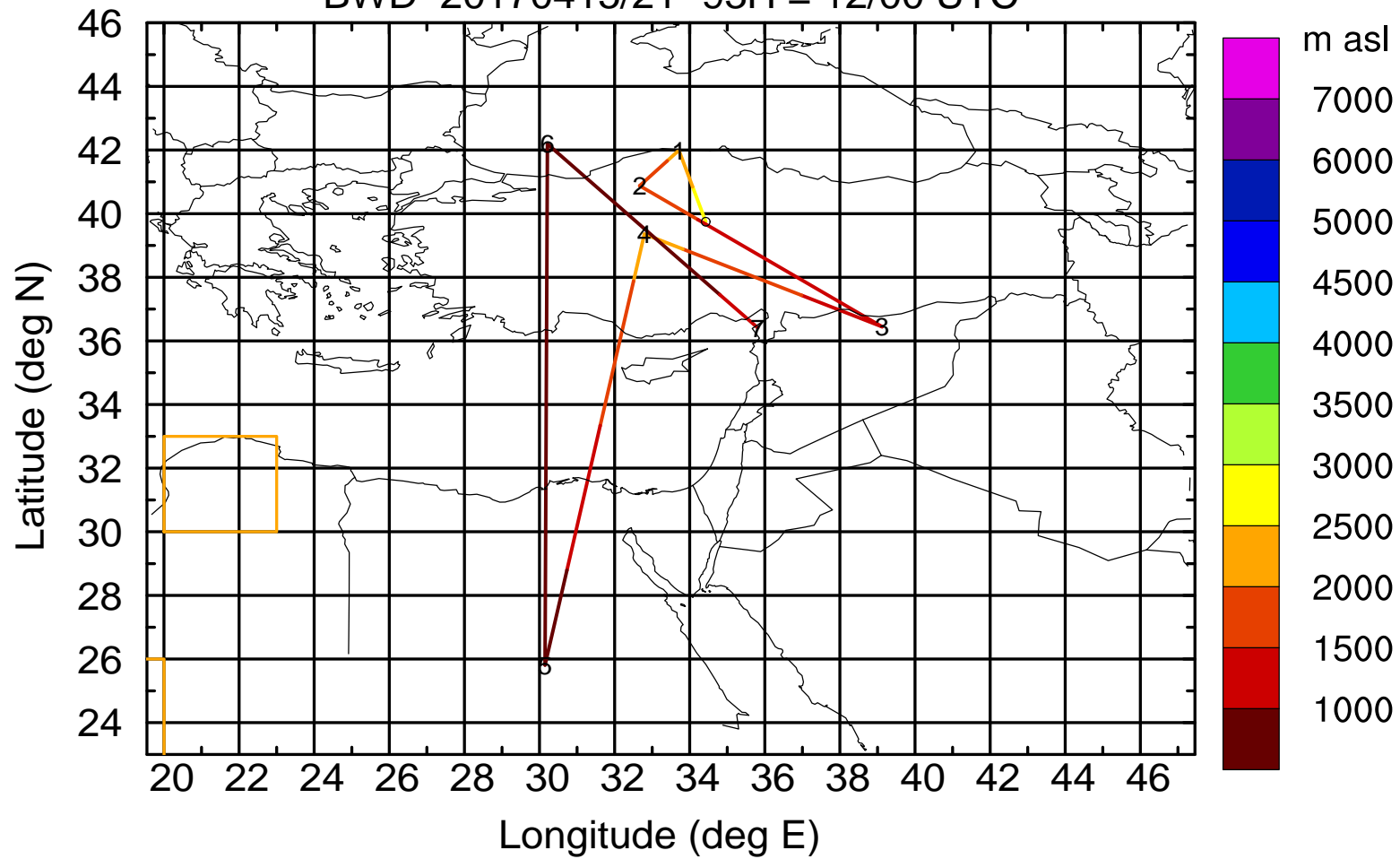
STS ground station 20170415

BWD 20170415/21 -92H = 12/01 UTC



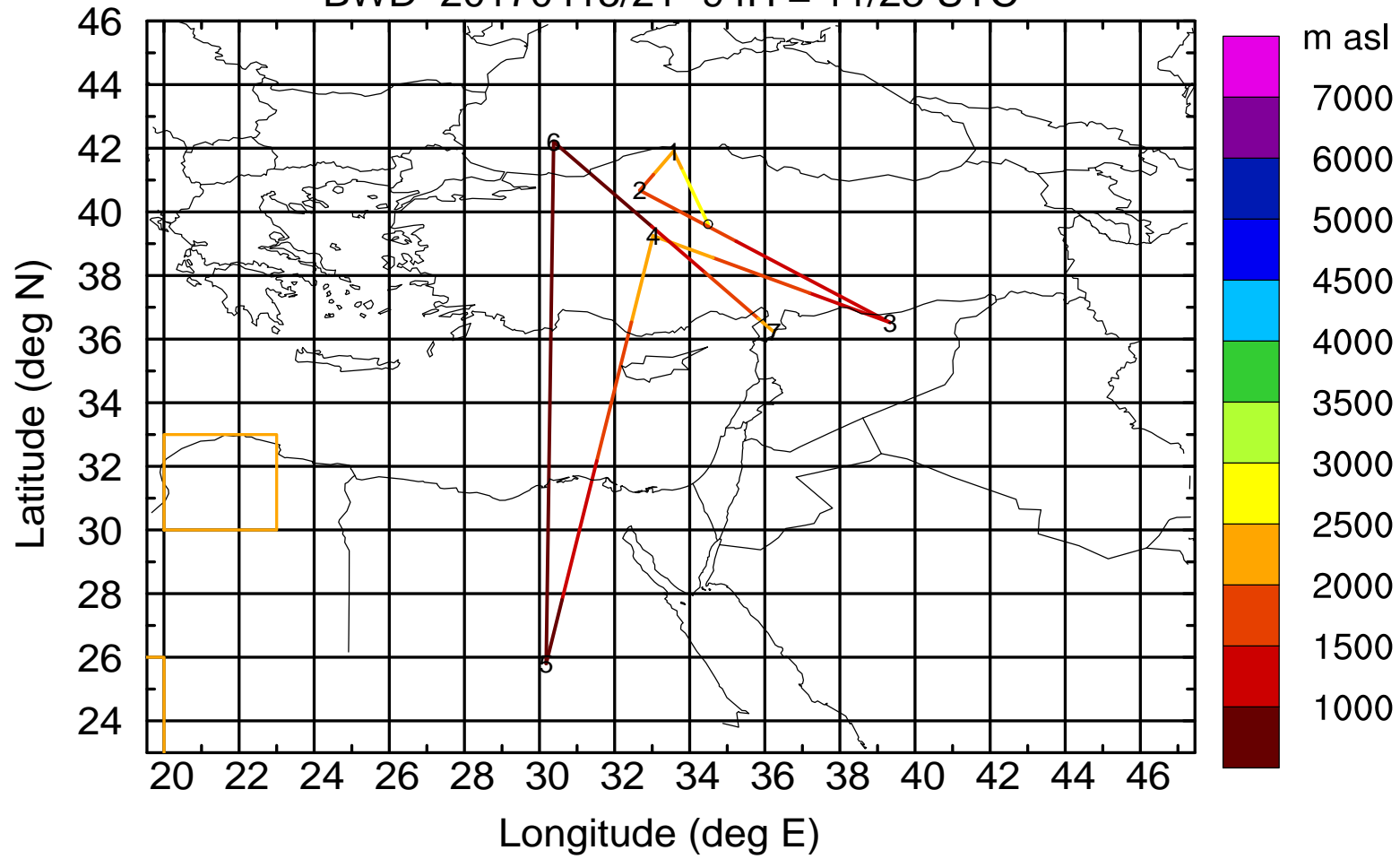
STS ground station 20170415

BWD 20170415/21 -93H = 12/00 UTC



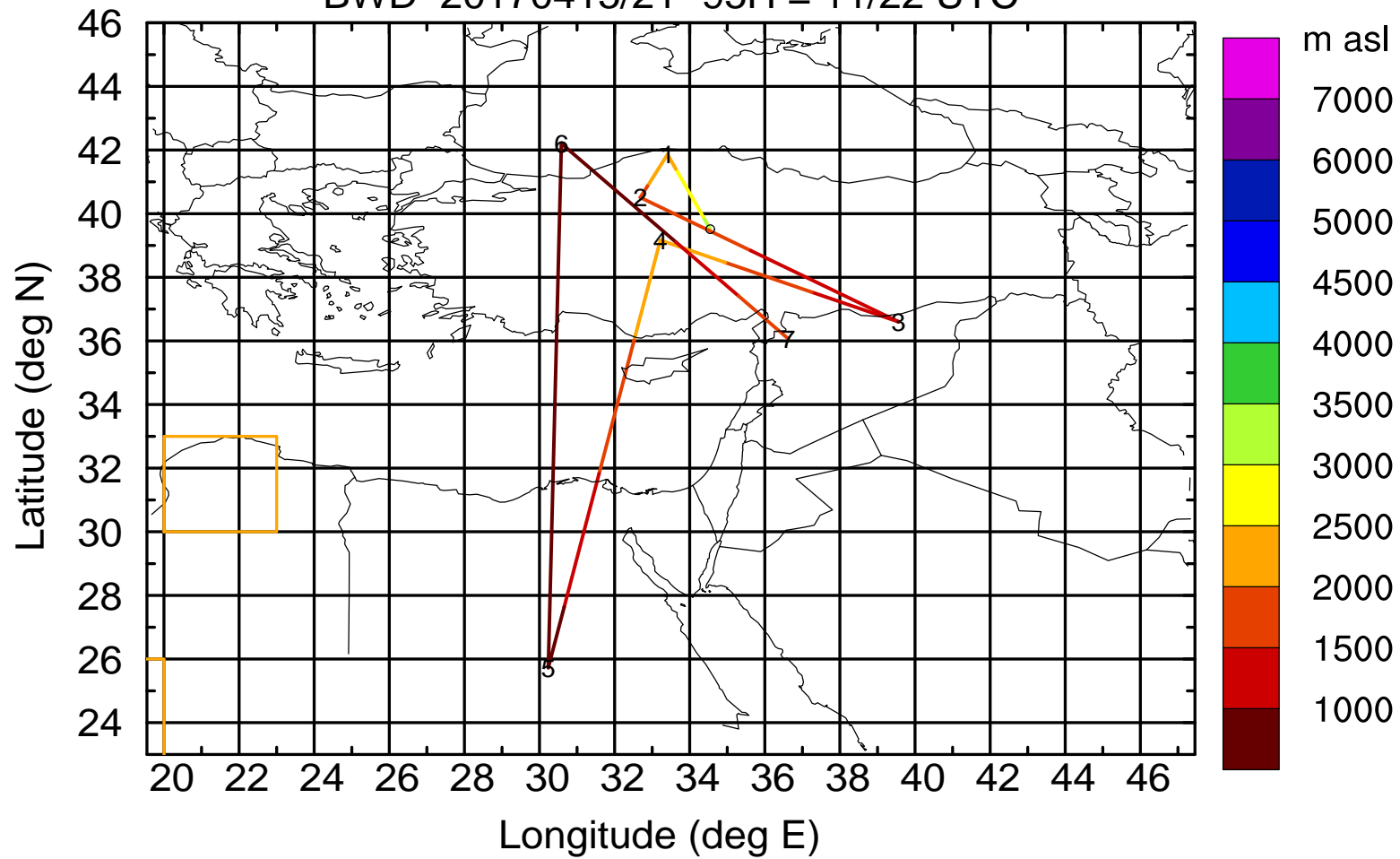
STS ground station 20170415

BWD 20170415/21 -94H = 11/23 UTC



STS ground station 20170415

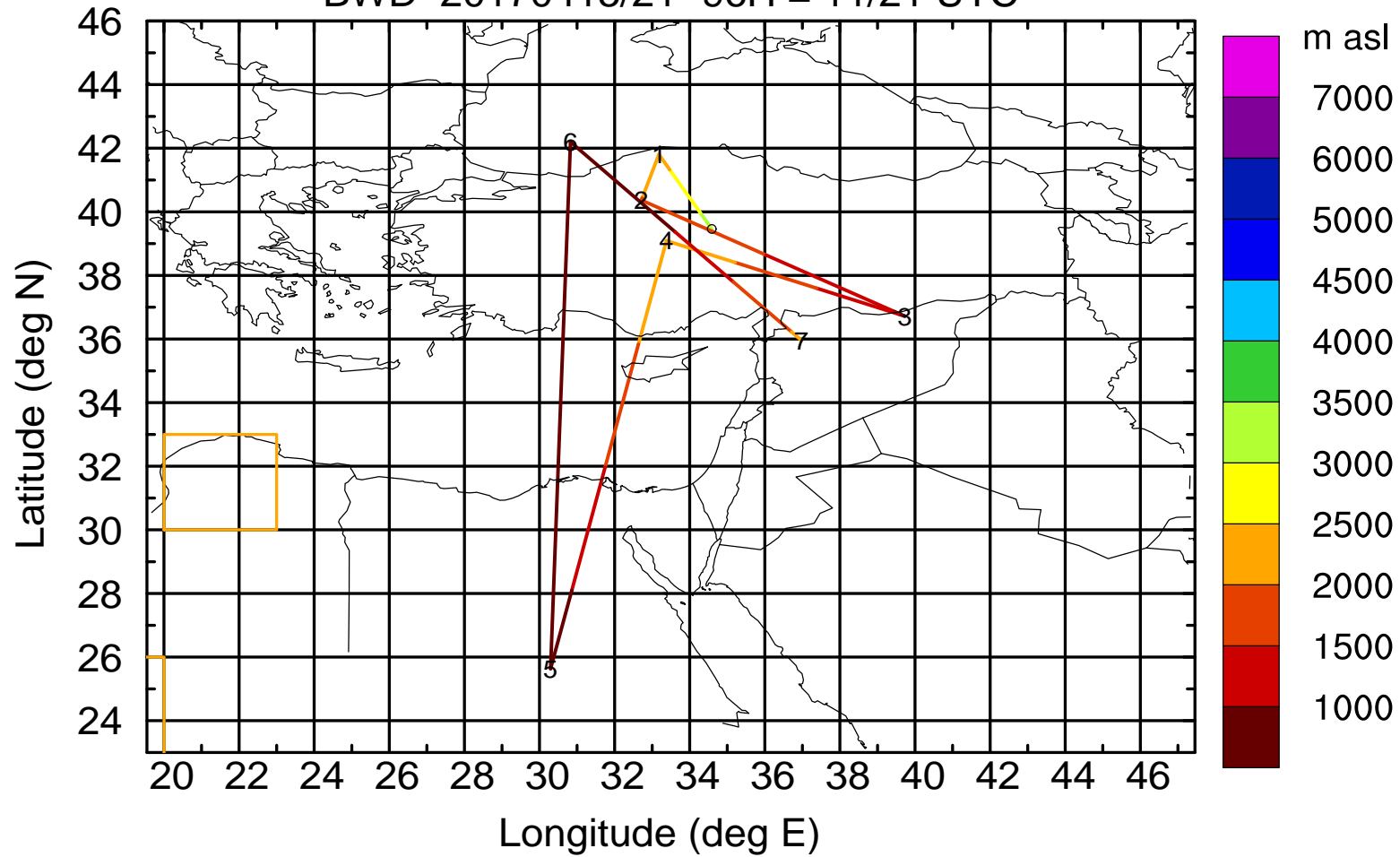
BWD 20170415/21 -95H = 11/22 UTC





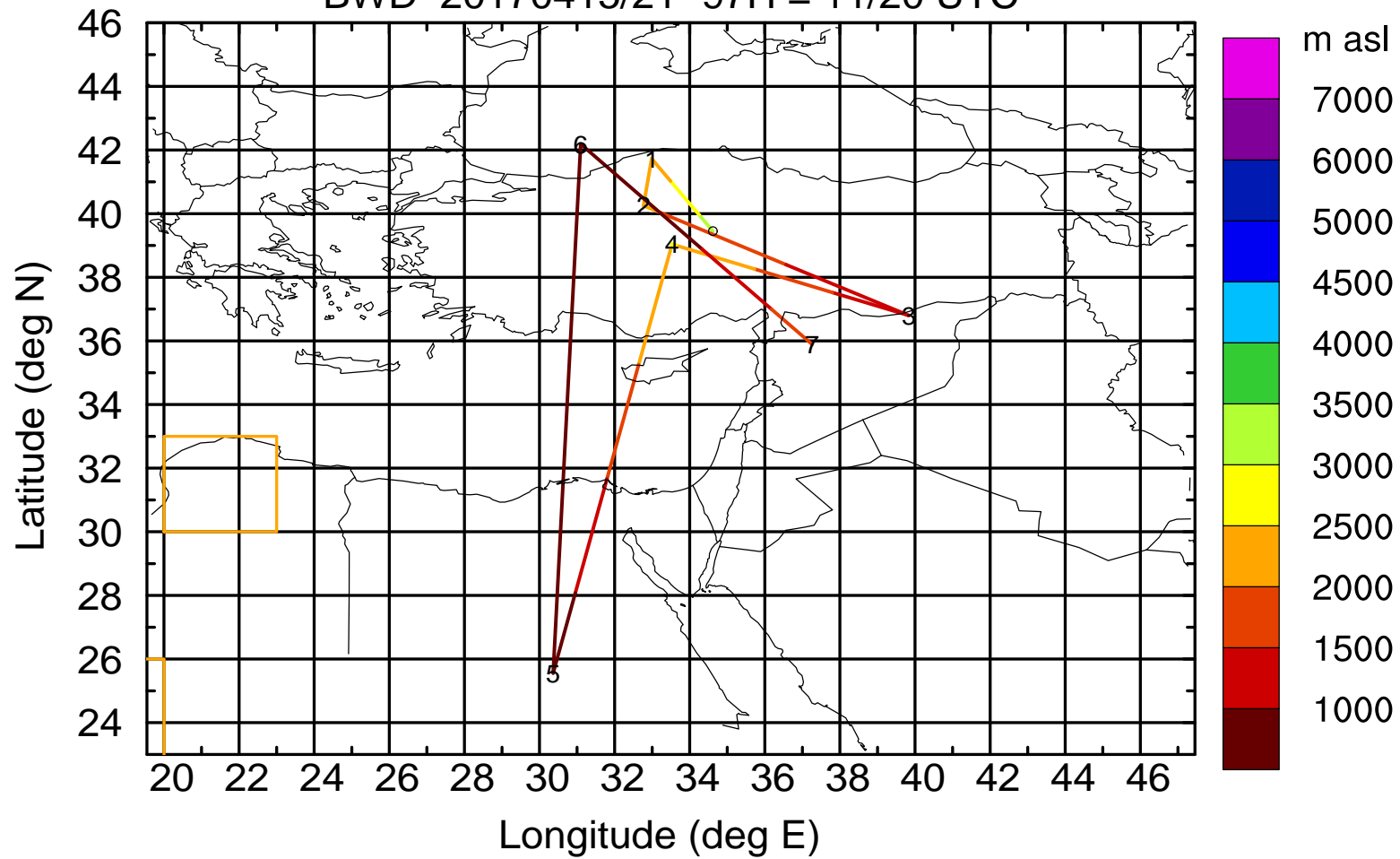
STS ground station 20170415

BWD 20170415/21 -96H = 11/21 UTC



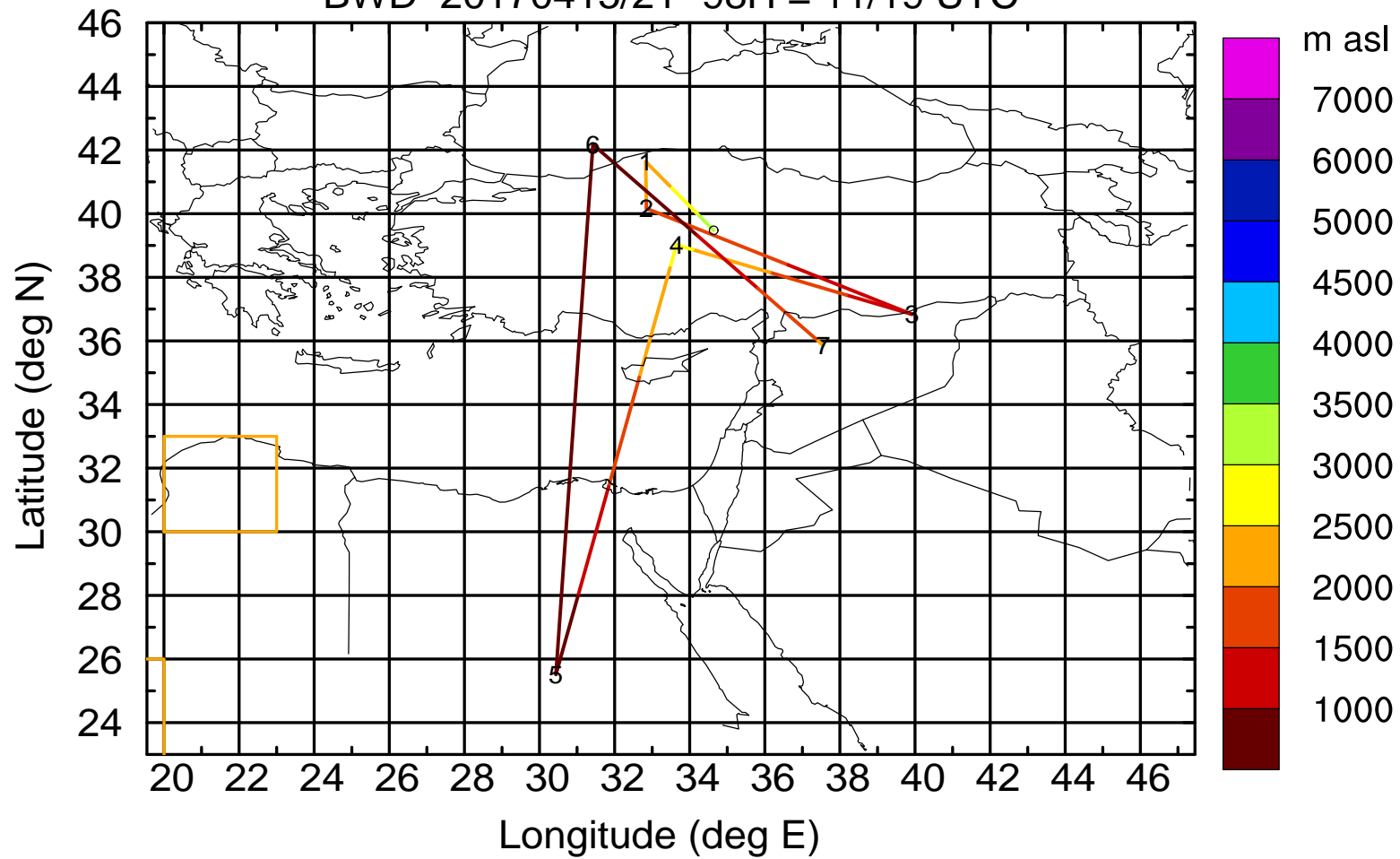
STS ground station 20170415

BWD 20170415/21 -97H = 11/20 UTC



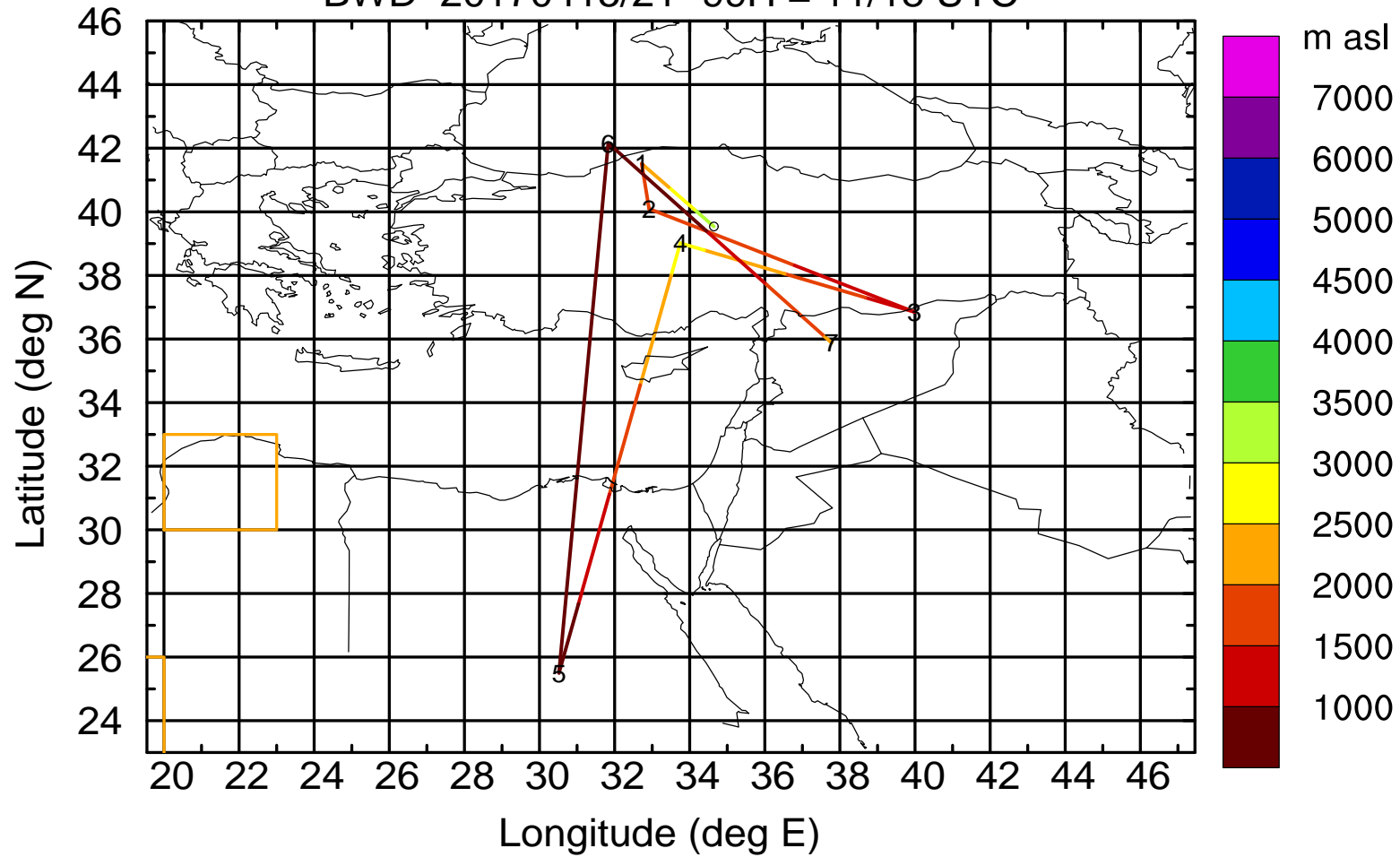
STS ground station 20170415

BWD 20170415/21 -98H = 11/19 UTC



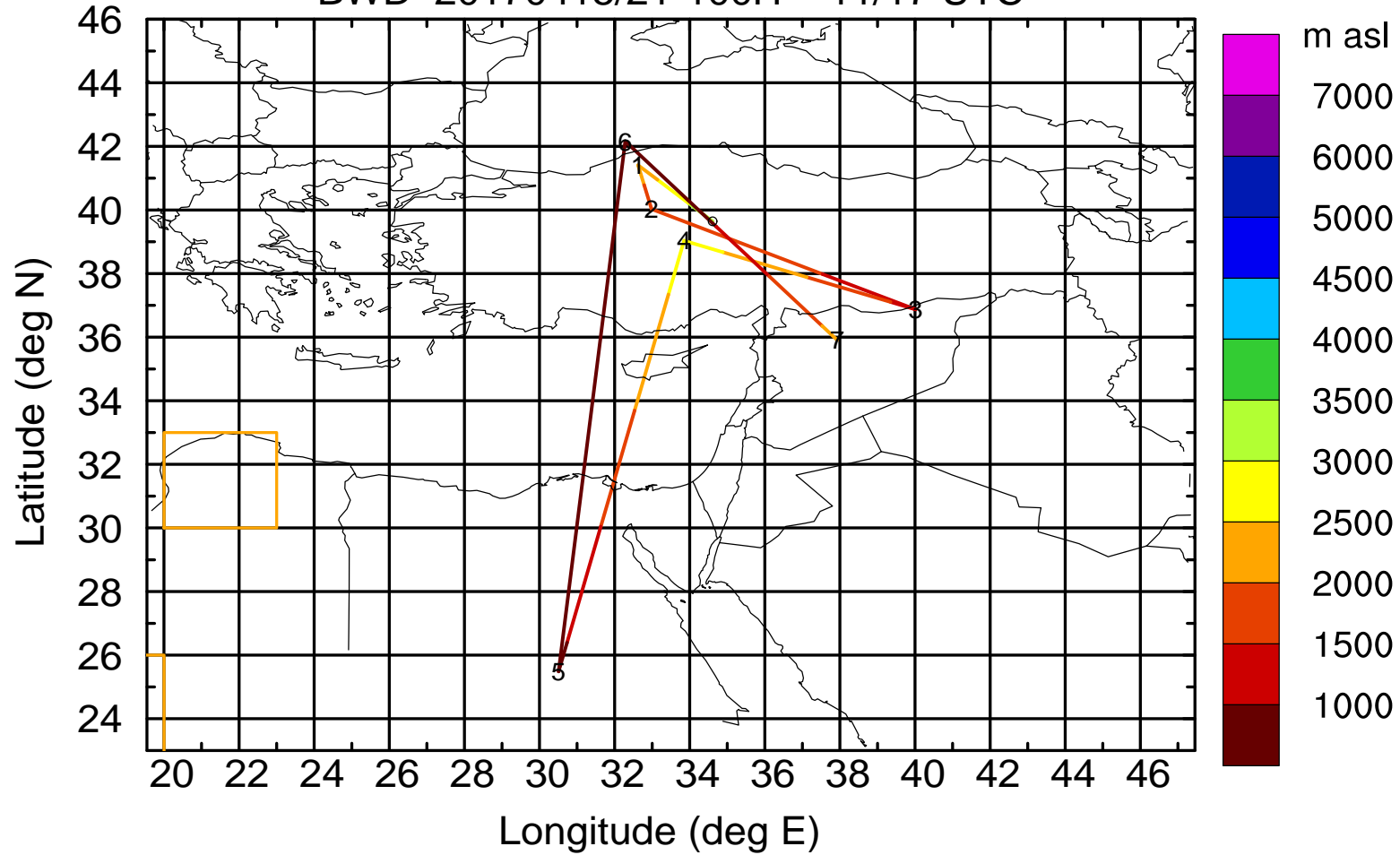
STS ground station 20170415

BWD 20170415/21 -99H = 11/18 UTC



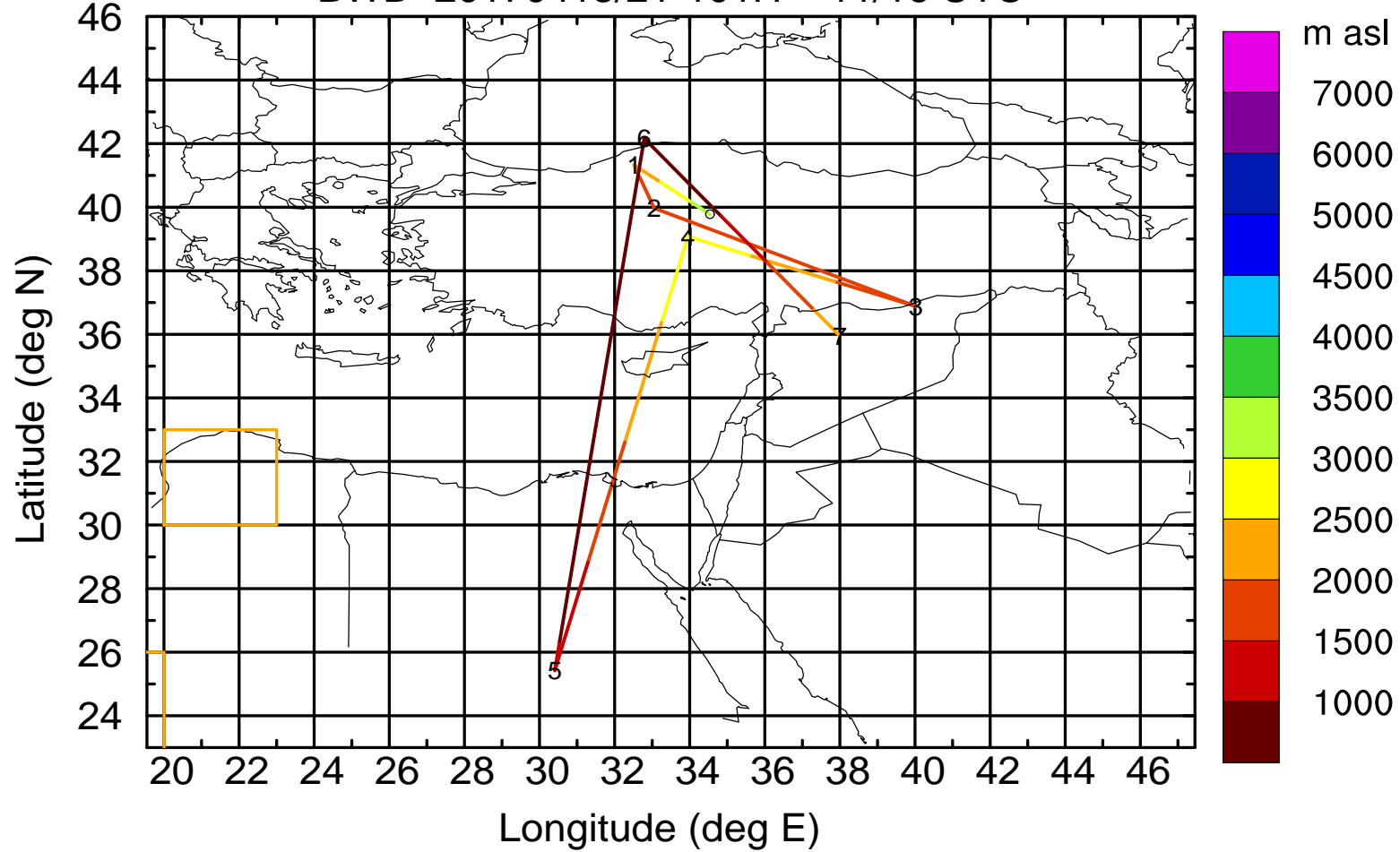
STS ground station 20170415

BWD 20170415/21-100H = 11/17 UTC



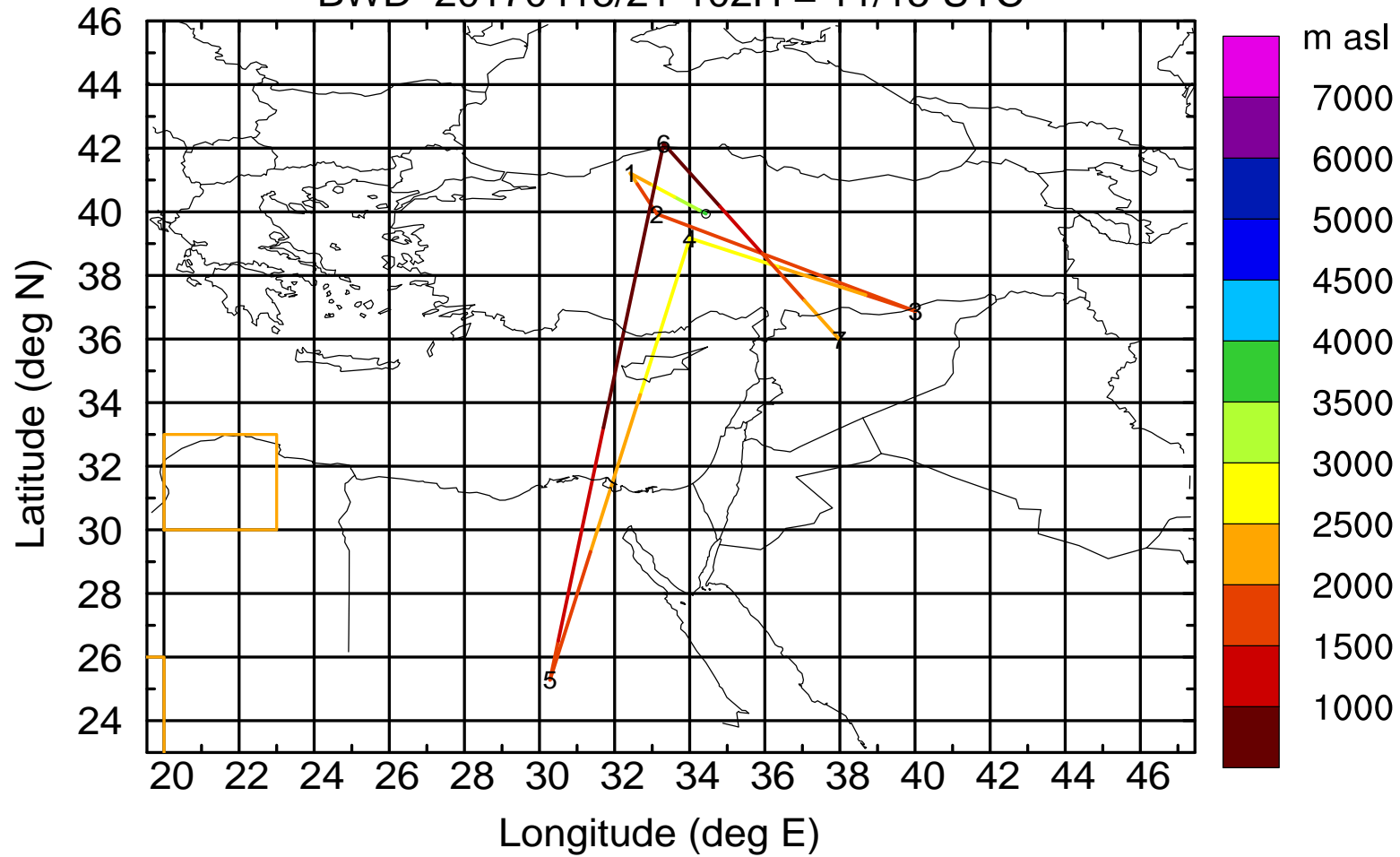
STS ground station 20170415

BWD 20170415/21-101H = 11/16 UTC



STS ground station 20170415

BWD 20170415/21-102H = 11/15 UTC

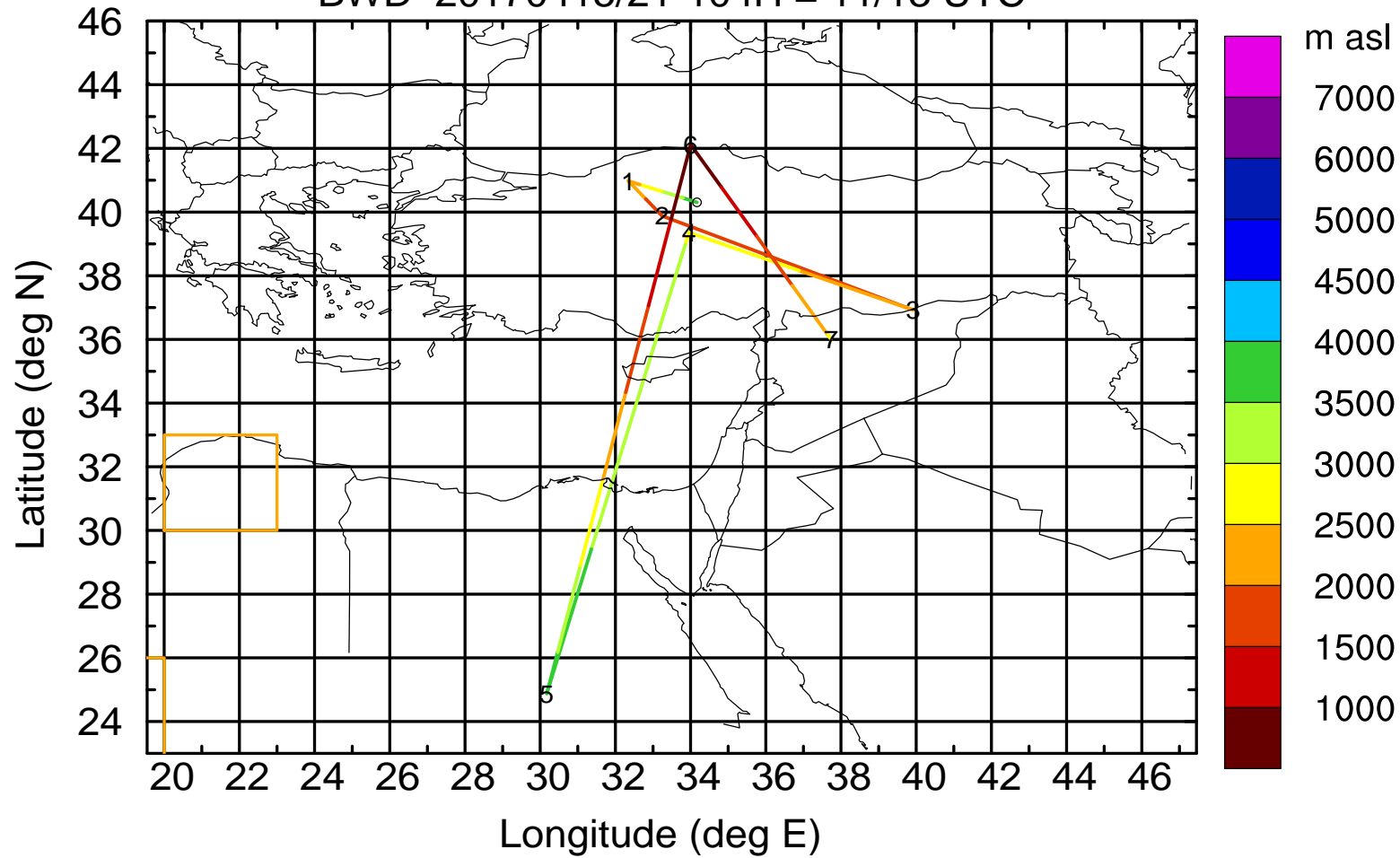






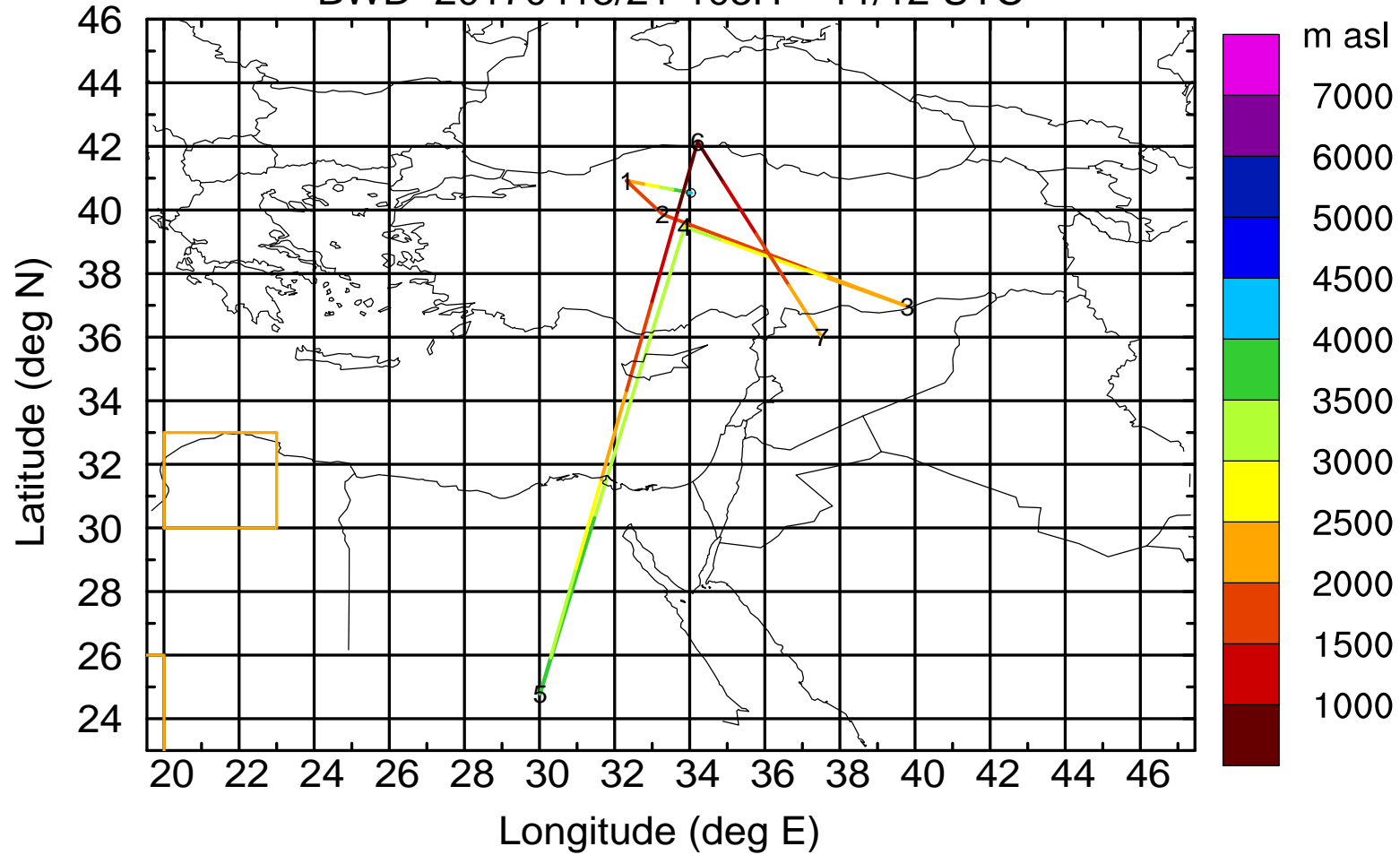
STS ground station 20170415

BWD 20170415/21-104H = 11/13 UTC



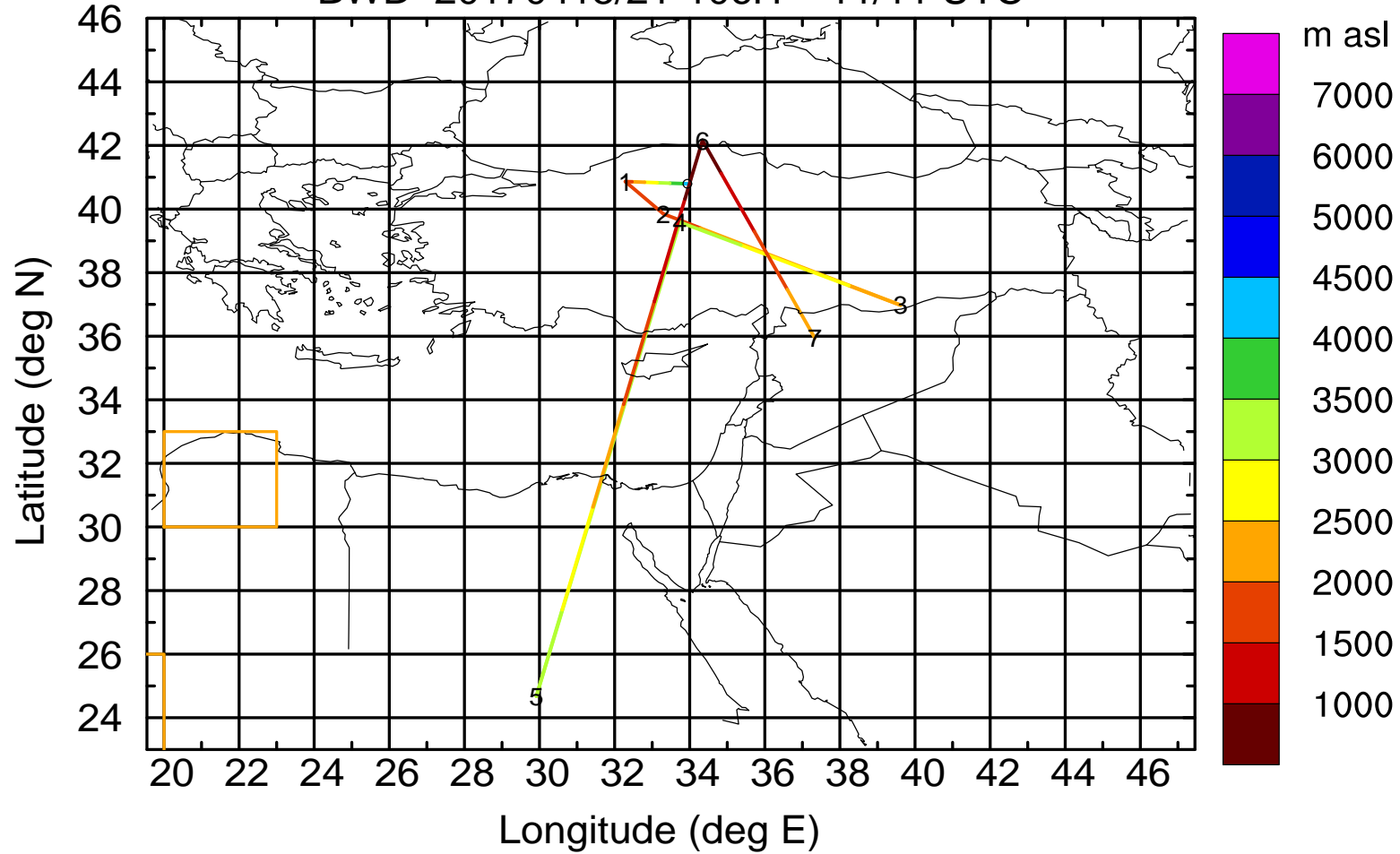
STS ground station 20170415

BWD 20170415/21-105H = 11/12 UTC



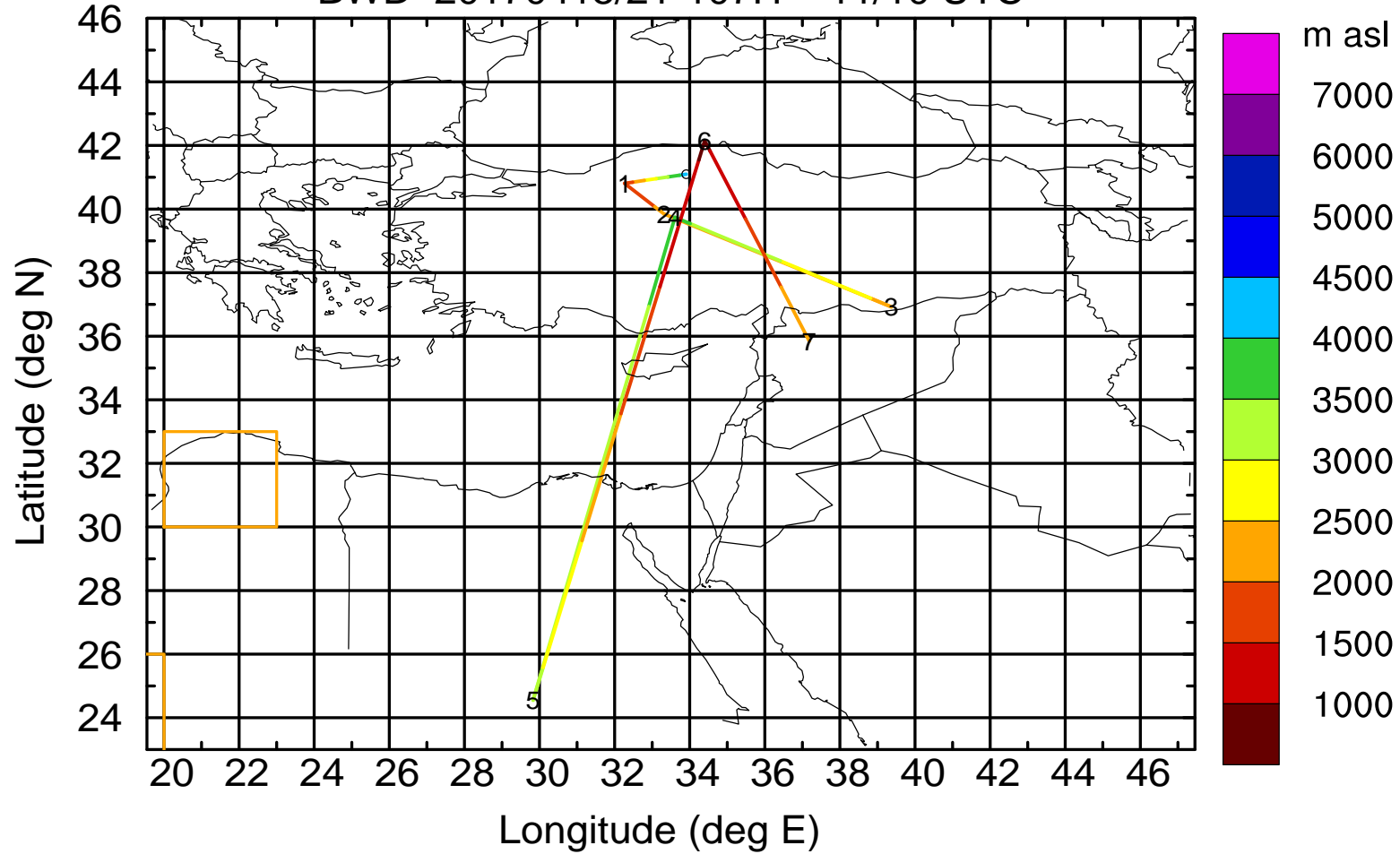
STS ground station 20170415

BWD 20170415/21-106H = 11/11 UTC



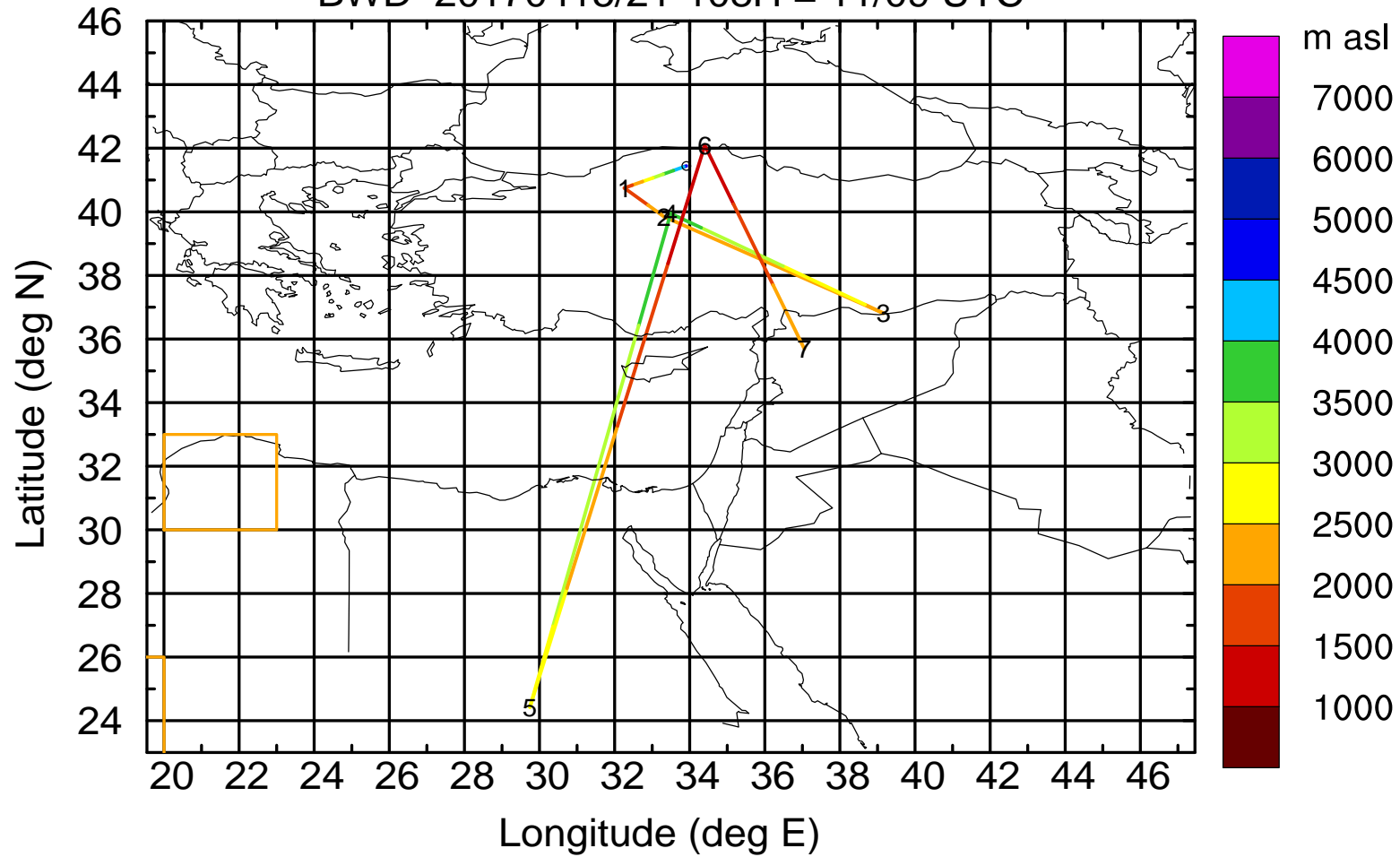
STS ground station 20170415

BWD 20170415/21-107H = 11/10 UTC



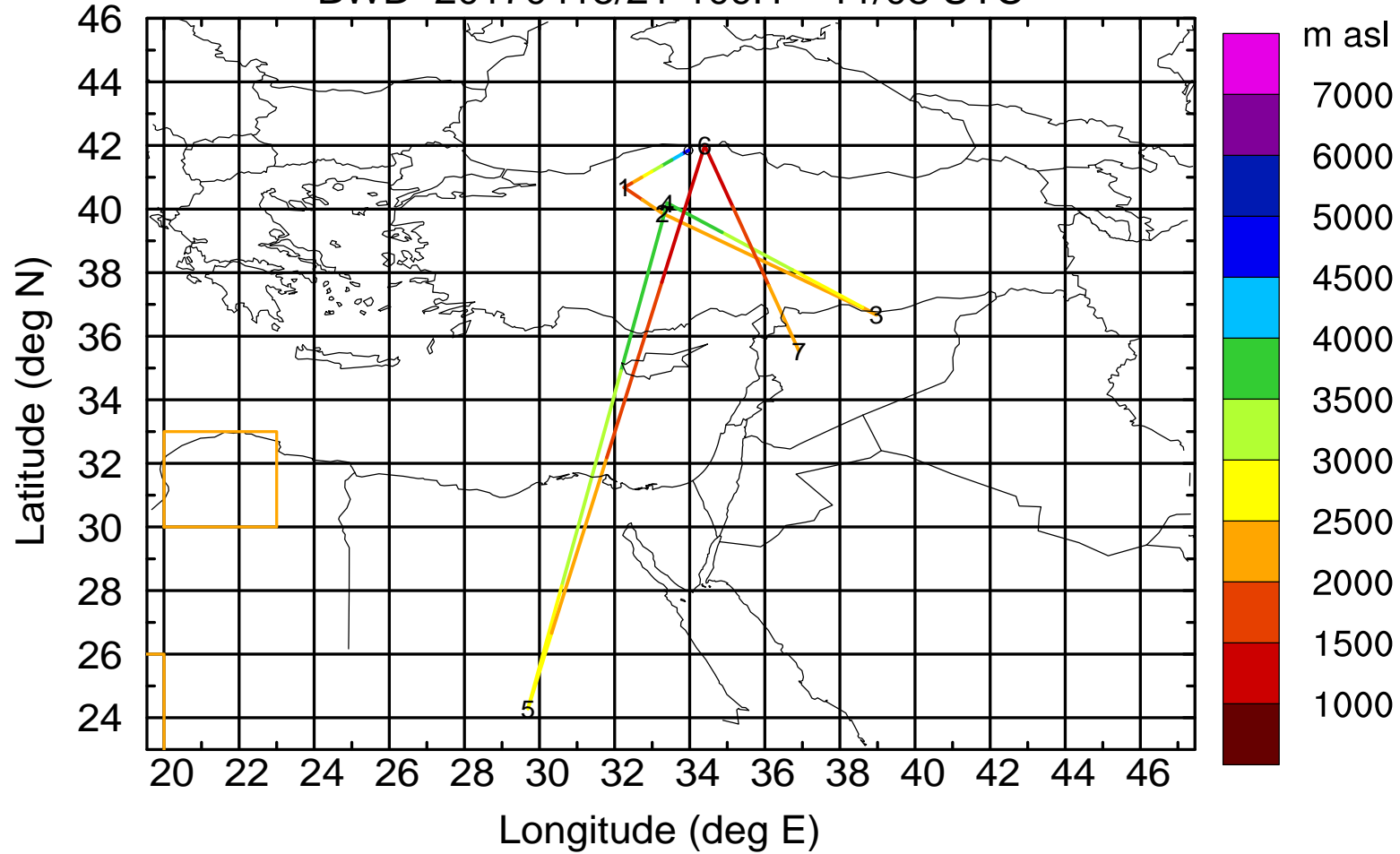
STS ground station 20170415

BWD 20170415/21-108H = 11/09 UTC



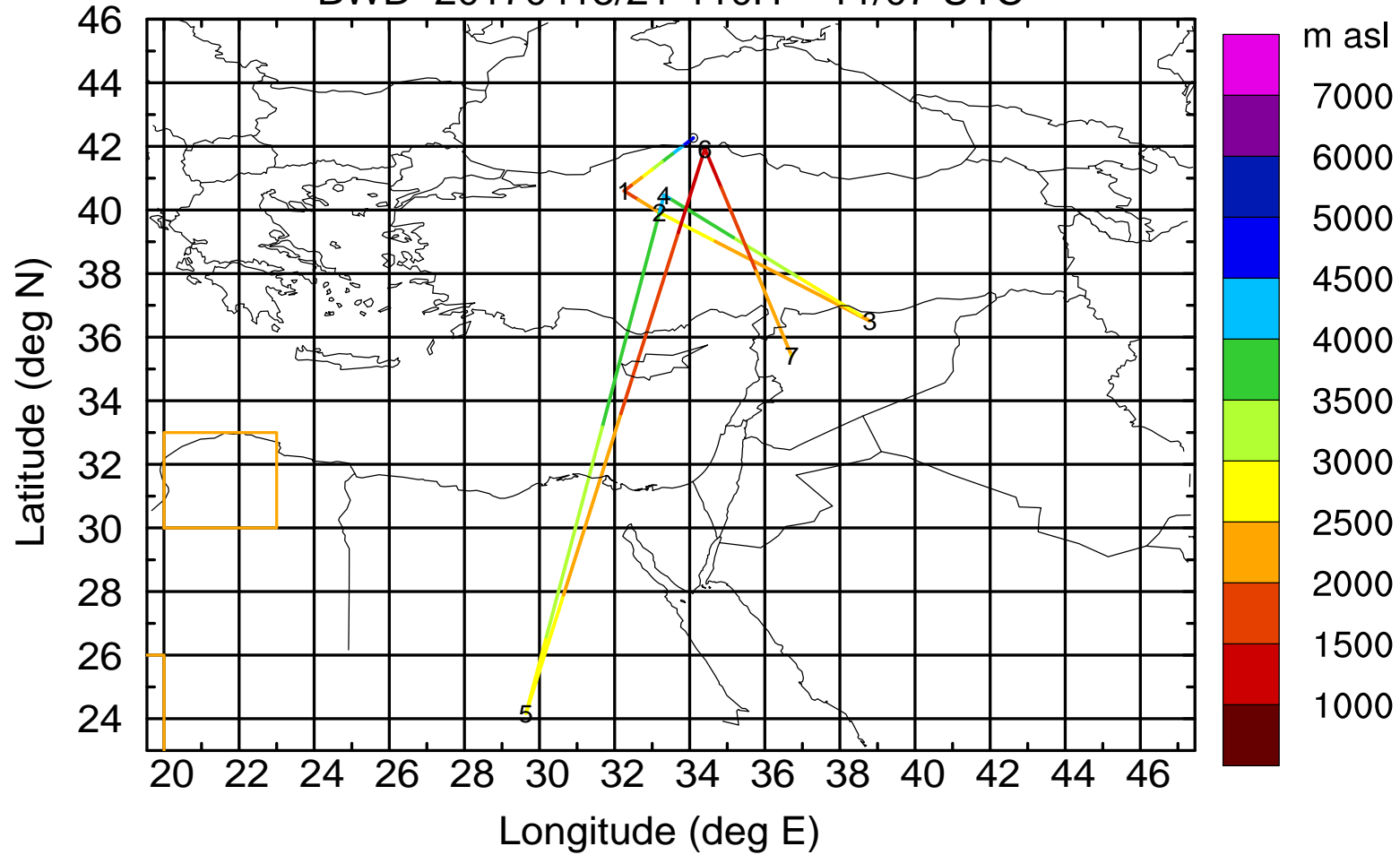
STS ground station 20170415

BWD 20170415/21-109H = 11/08 UTC



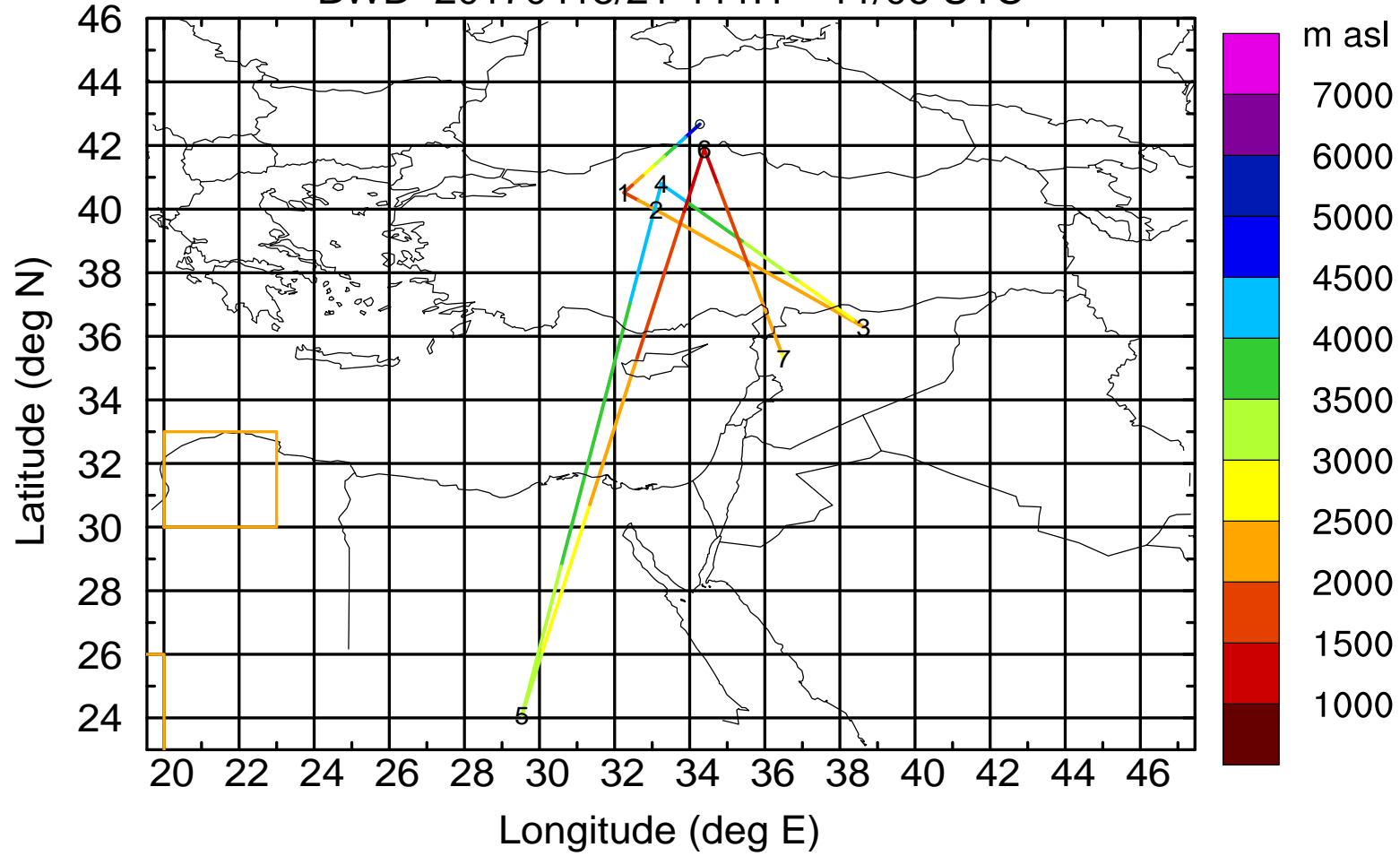
STS ground station 20170415

BWD 20170415/21-110H = 11/07 UTC



STS ground station 20170415

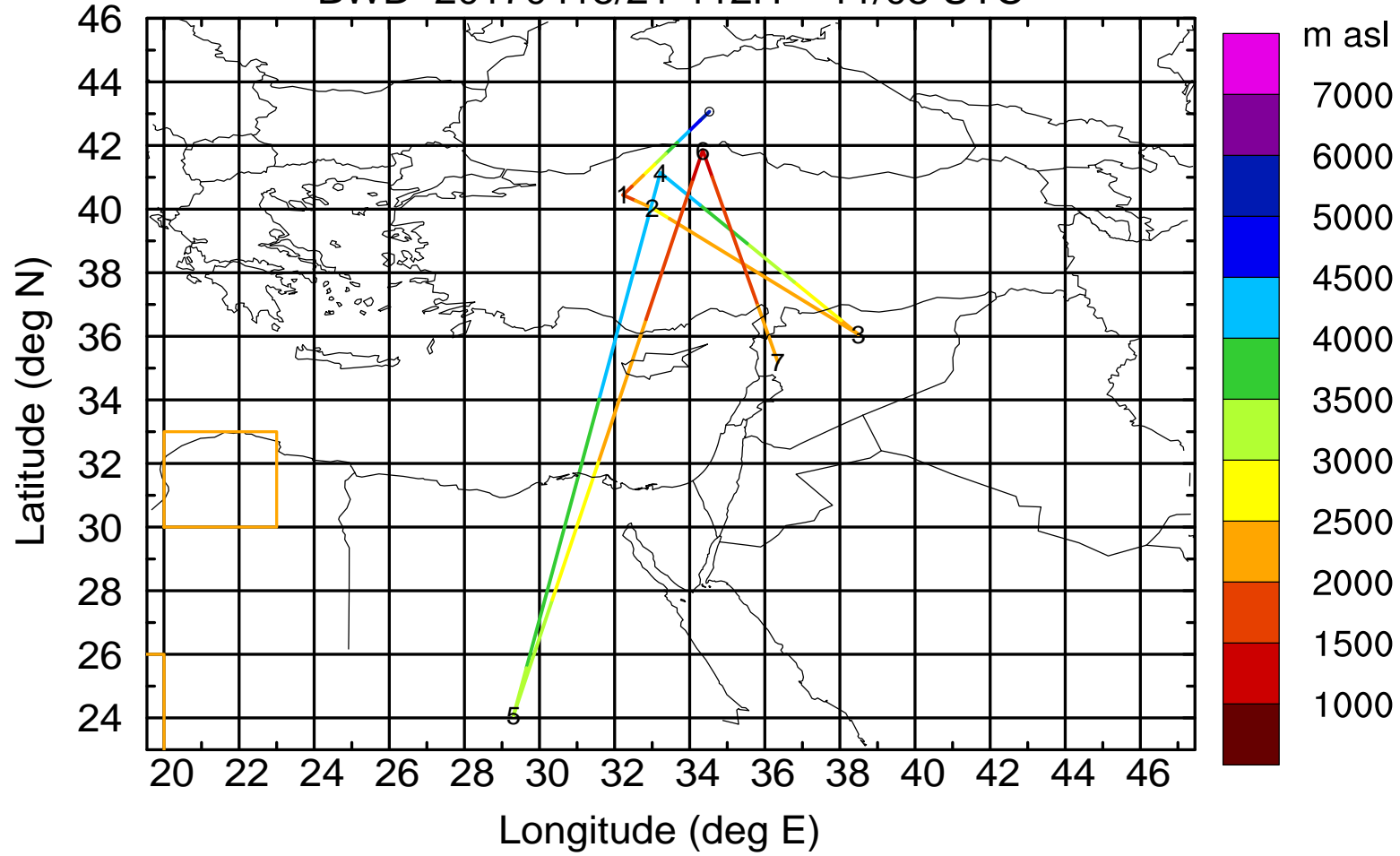
BWD 20170415/21-111H = 11/06 UTC





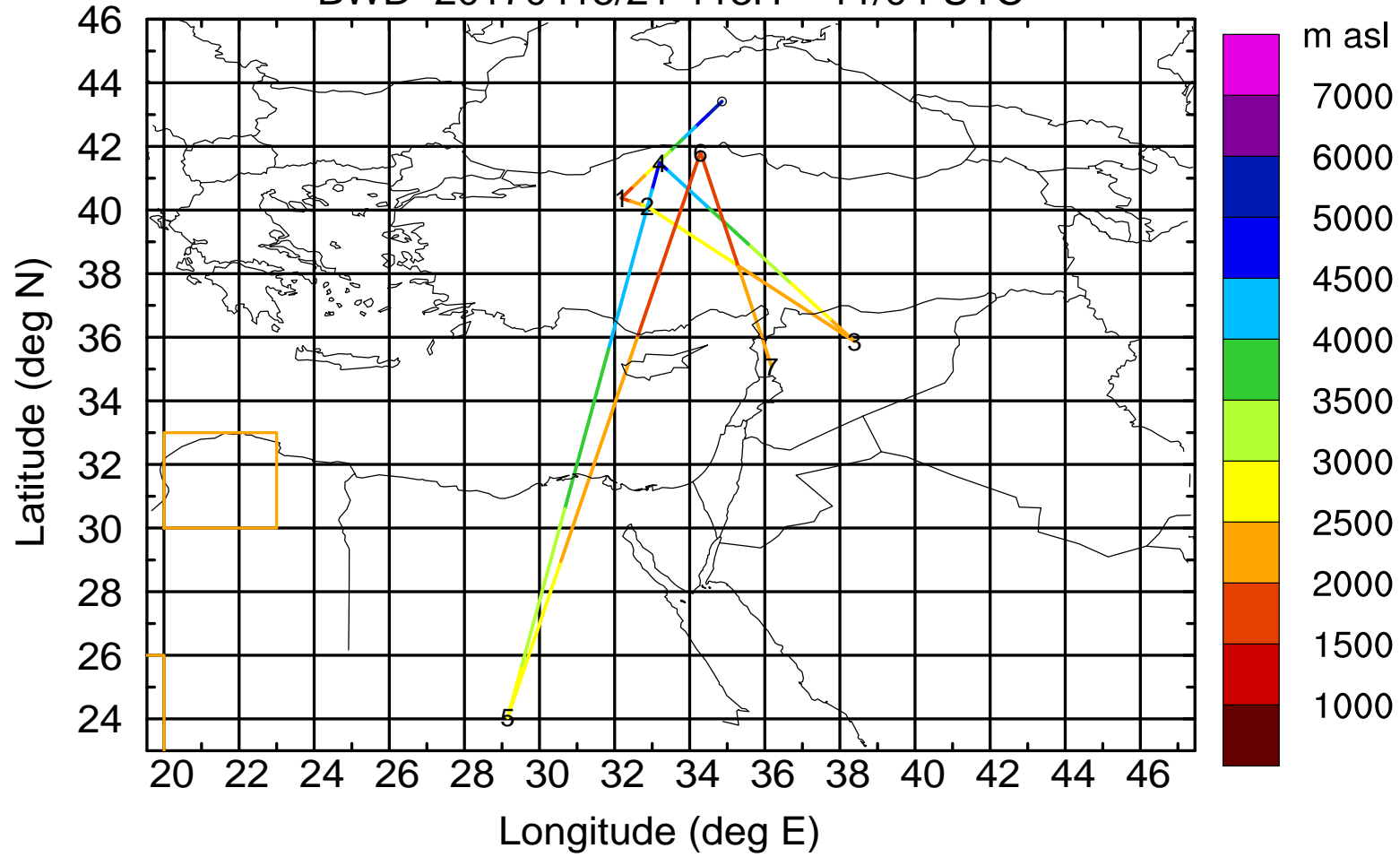
STS ground station 20170415

BWD 20170415/21-112H = 11/05 UTC



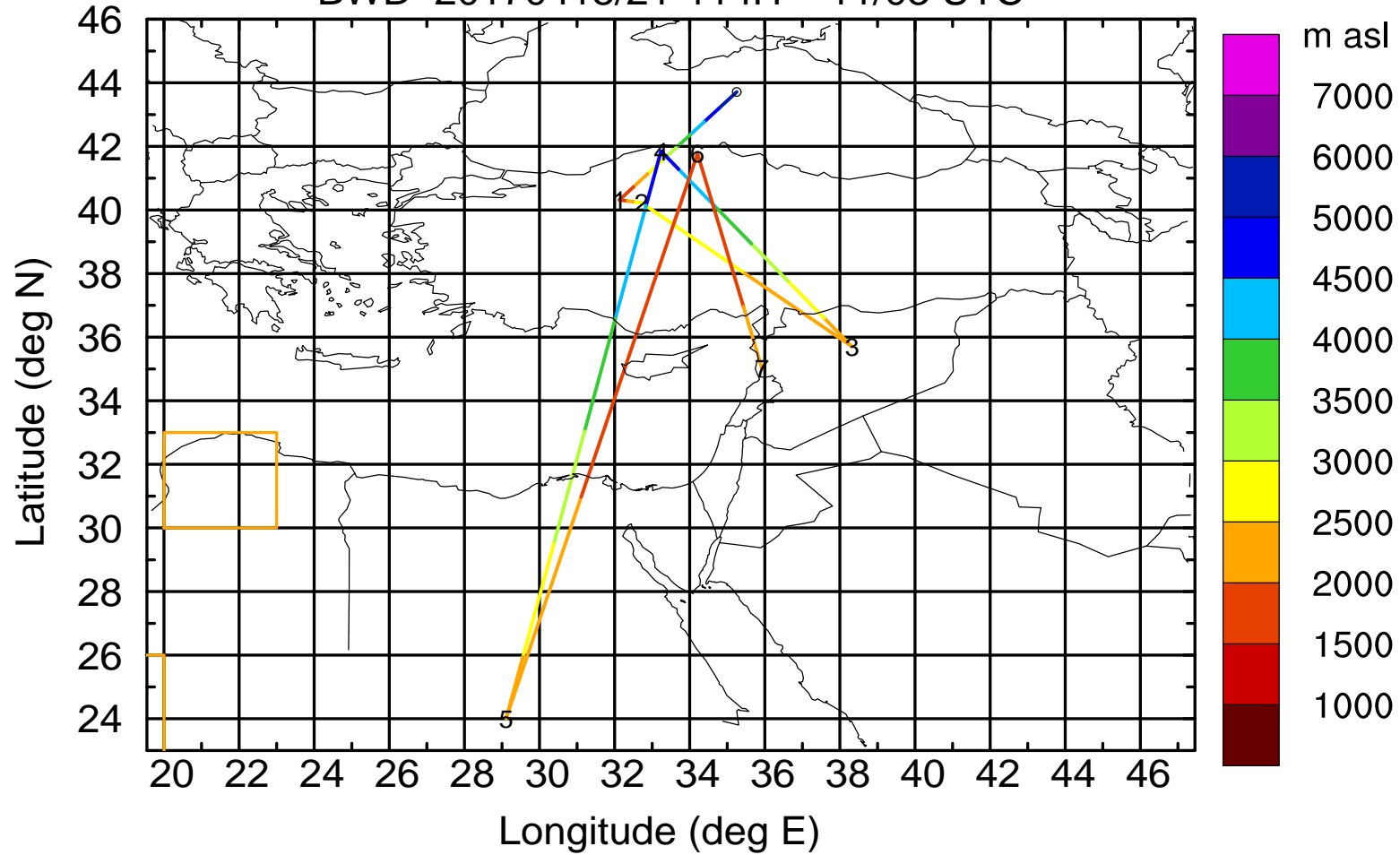
STS ground station 20170415

BWD 20170415/21-113H = 11/04 UTC



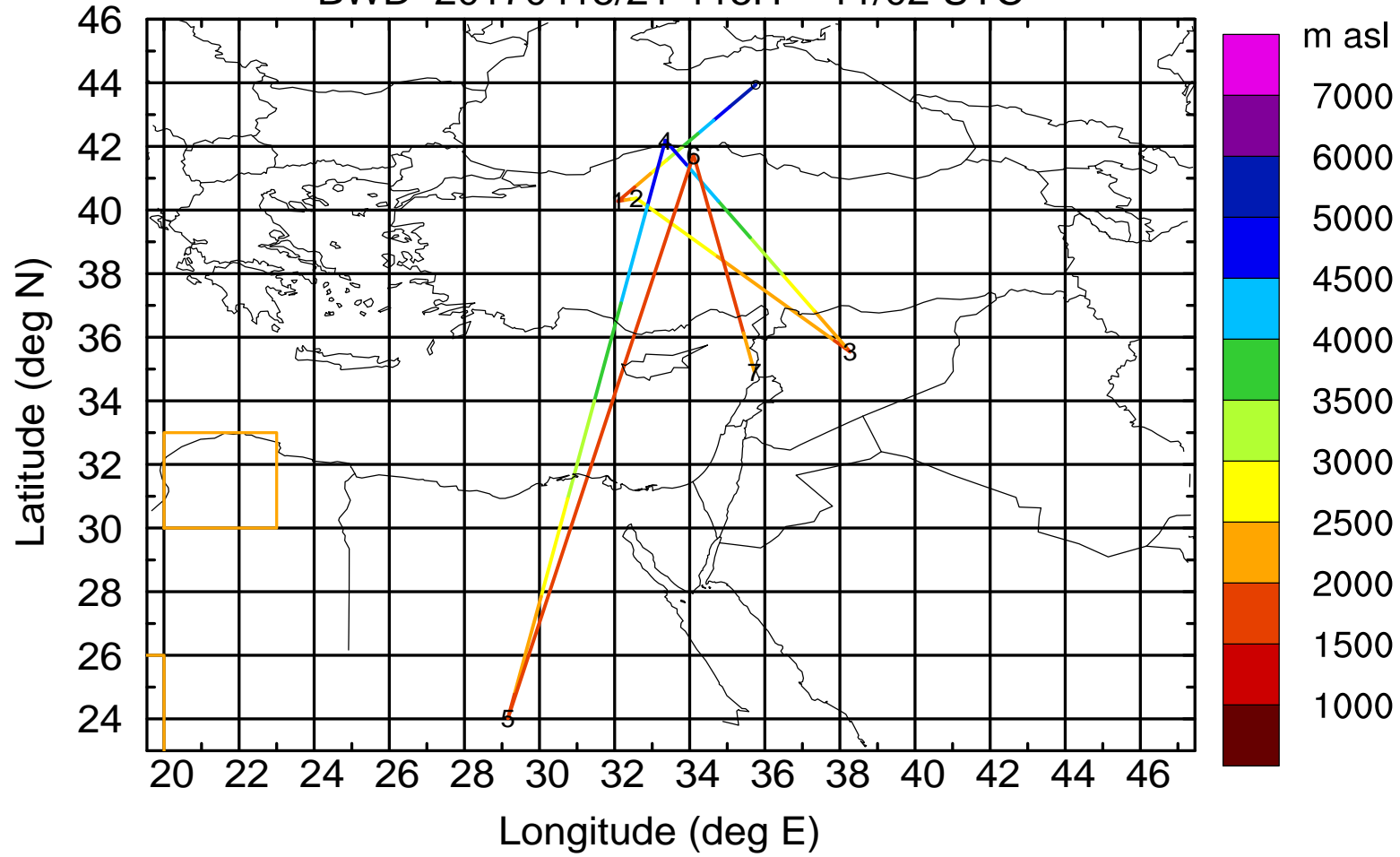
STS ground station 20170415

BWD 20170415/21-114H = 11/03 UTC



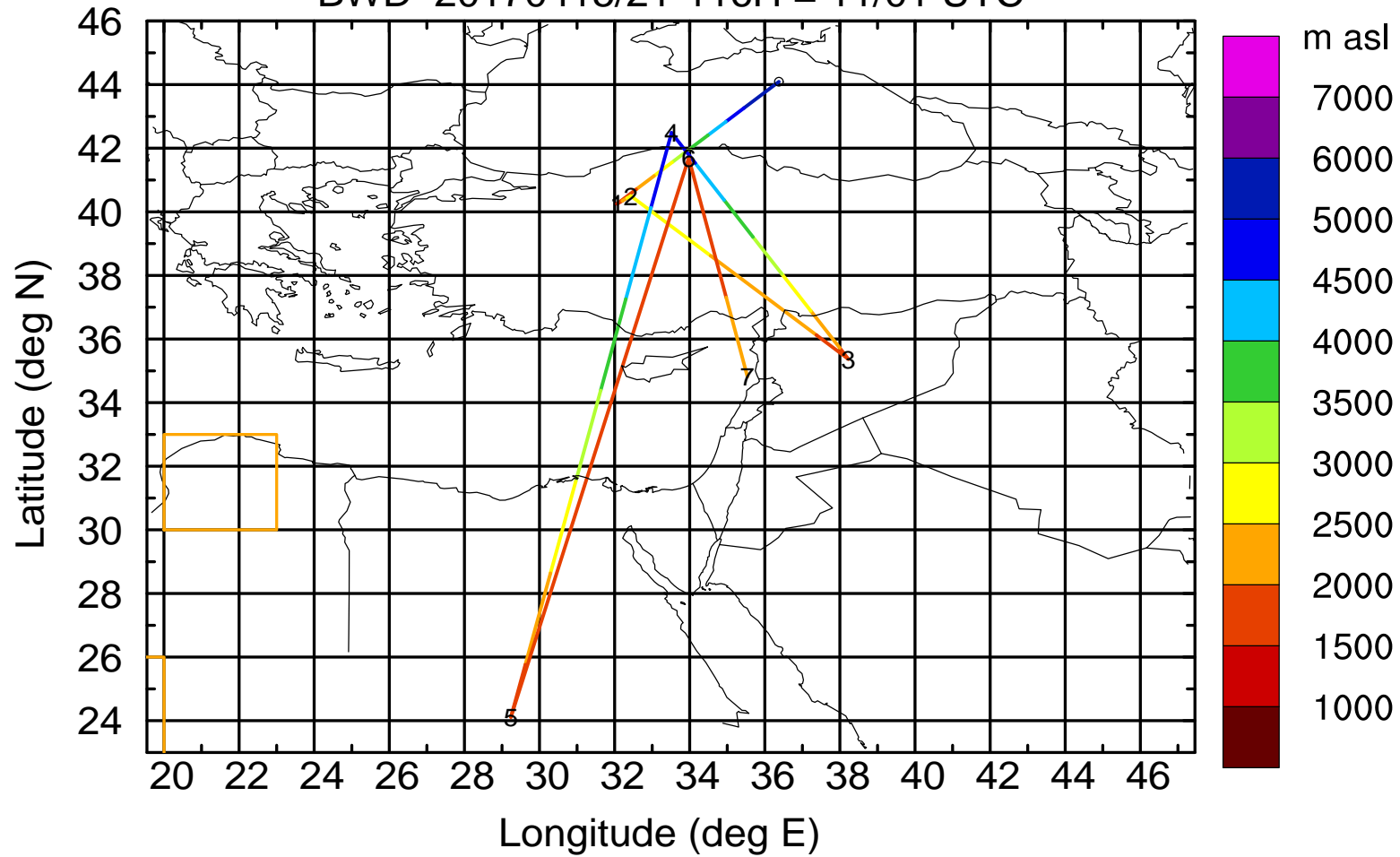
STS ground station 20170415

BWD 20170415/21-115H = 11/02 UTC



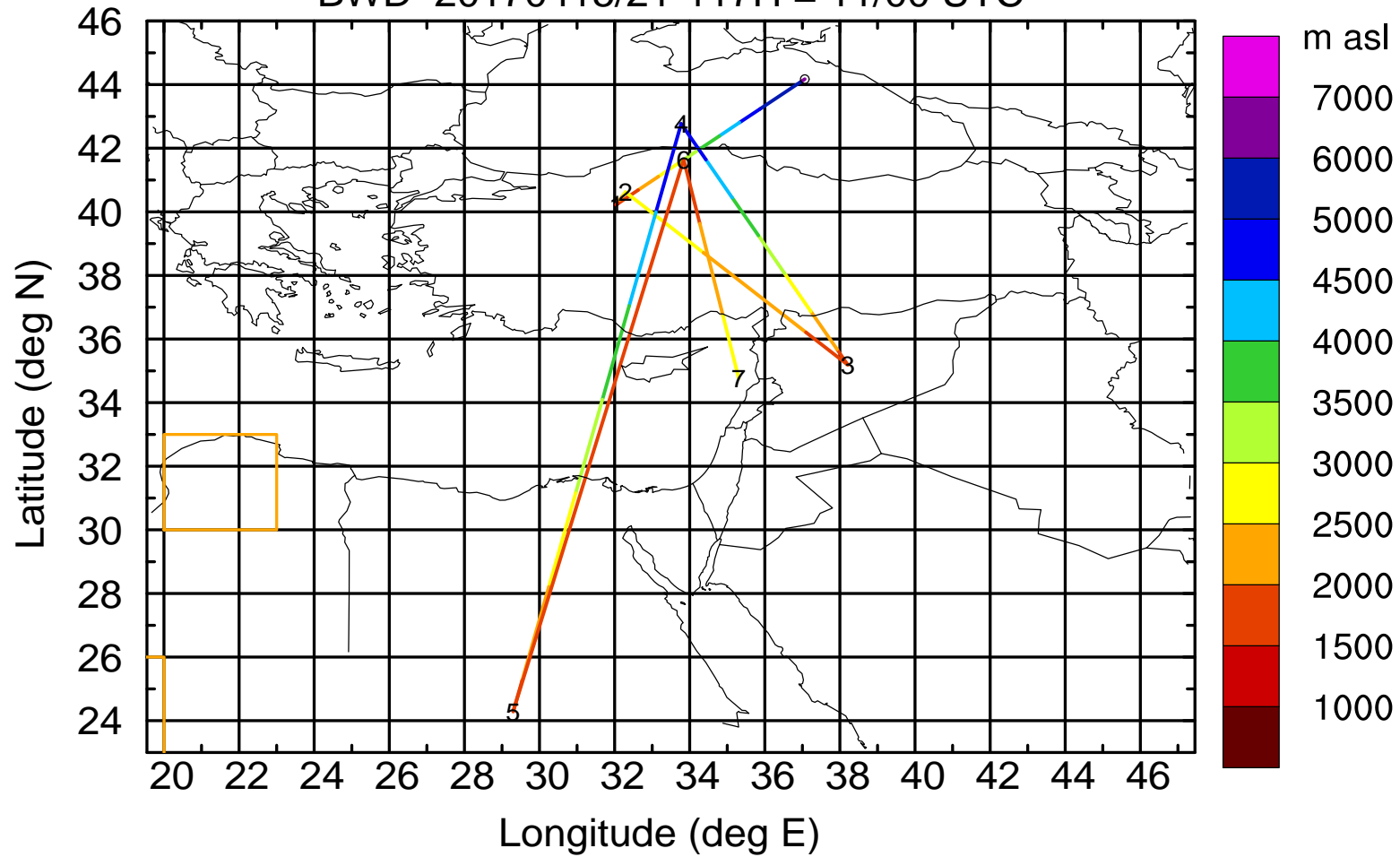
STS ground station 20170415

BWD 20170415/21-116H = 11/01 UTC



STS ground station 20170415

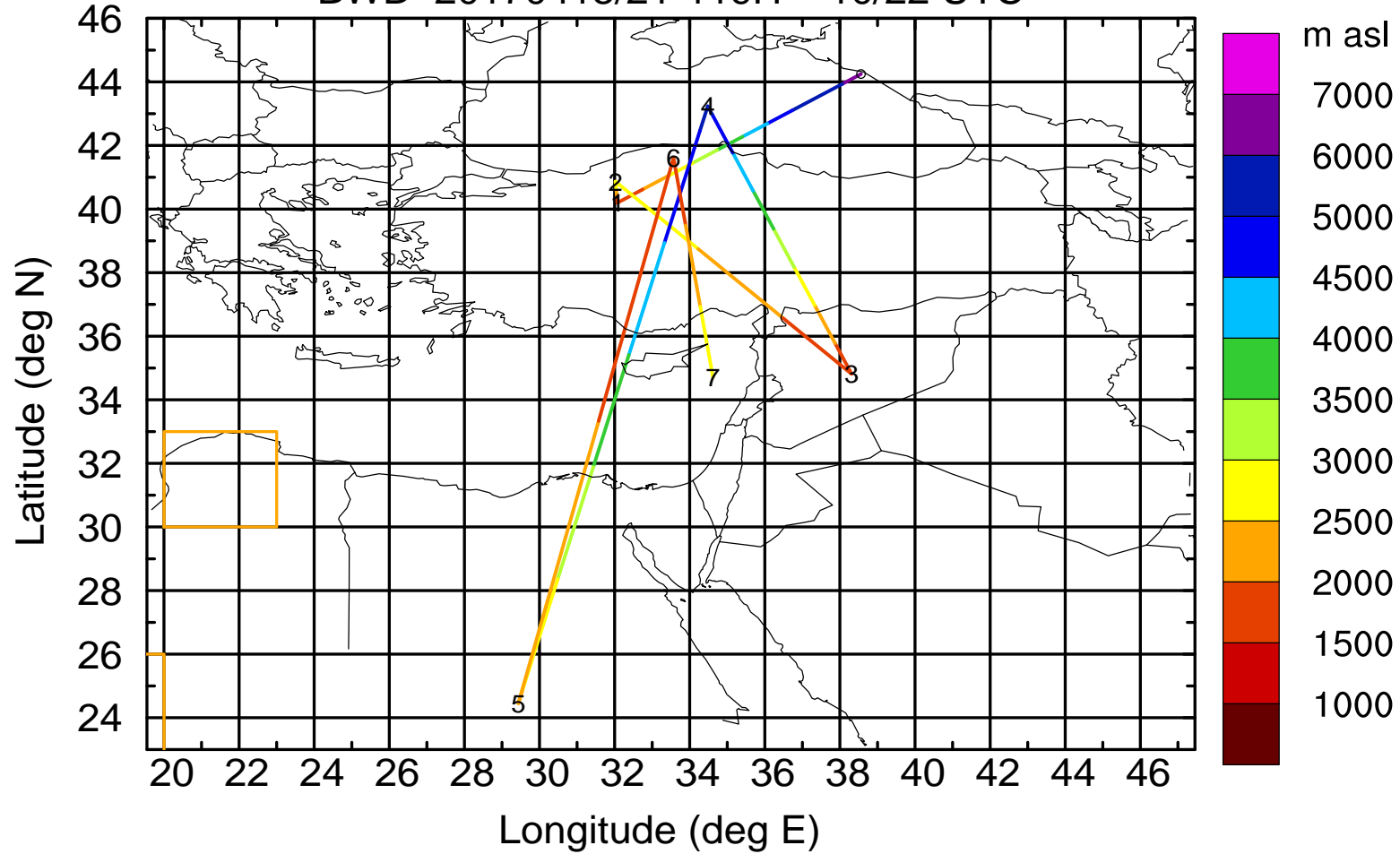
BWD 20170415/21-117H = 11/00 UTC





STS ground station 20170415

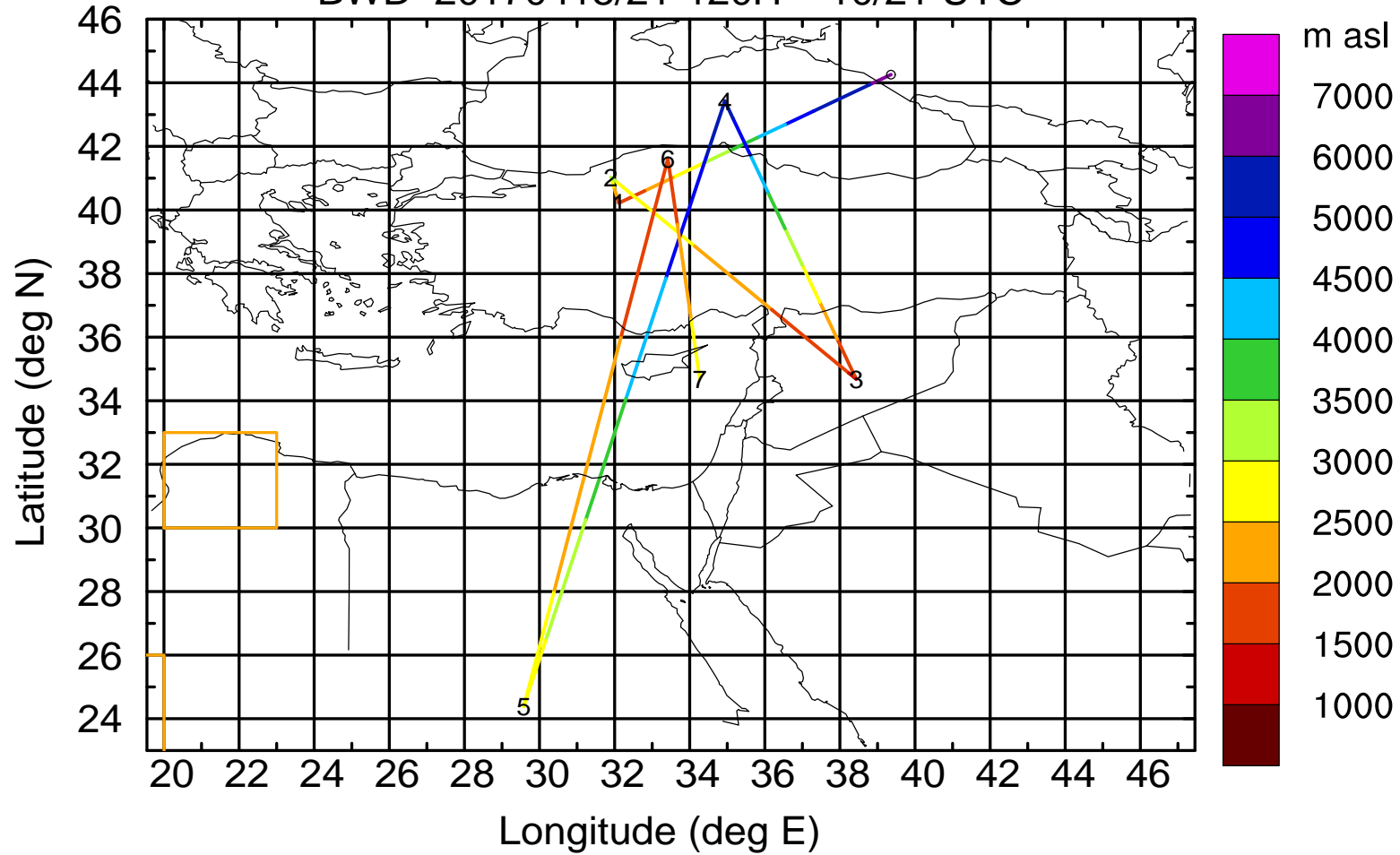
BWD 20170415/21-119H = 10/22 UTC





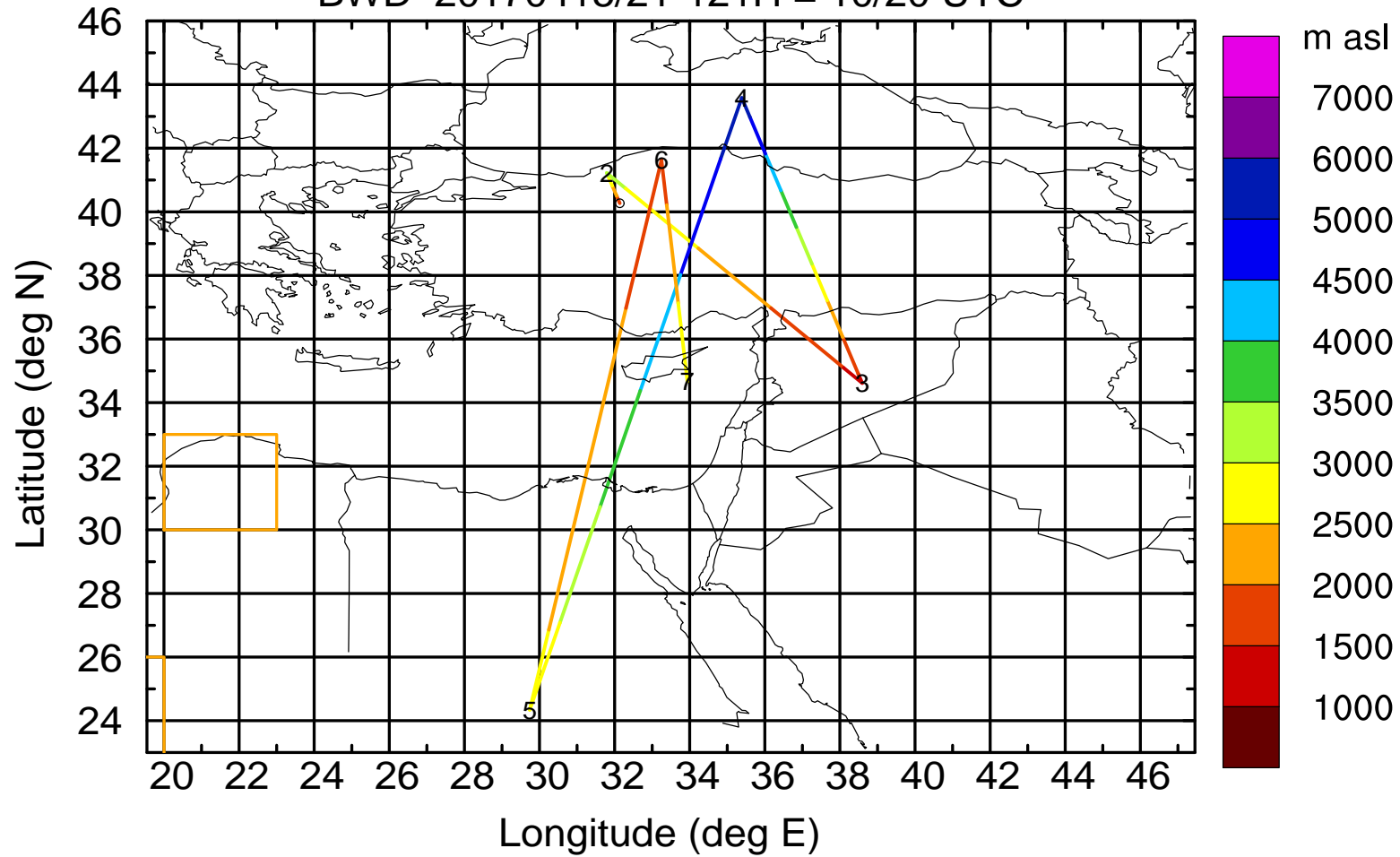
STS ground station 20170415

BWD 20170415/21-120H = 10/21 UTC



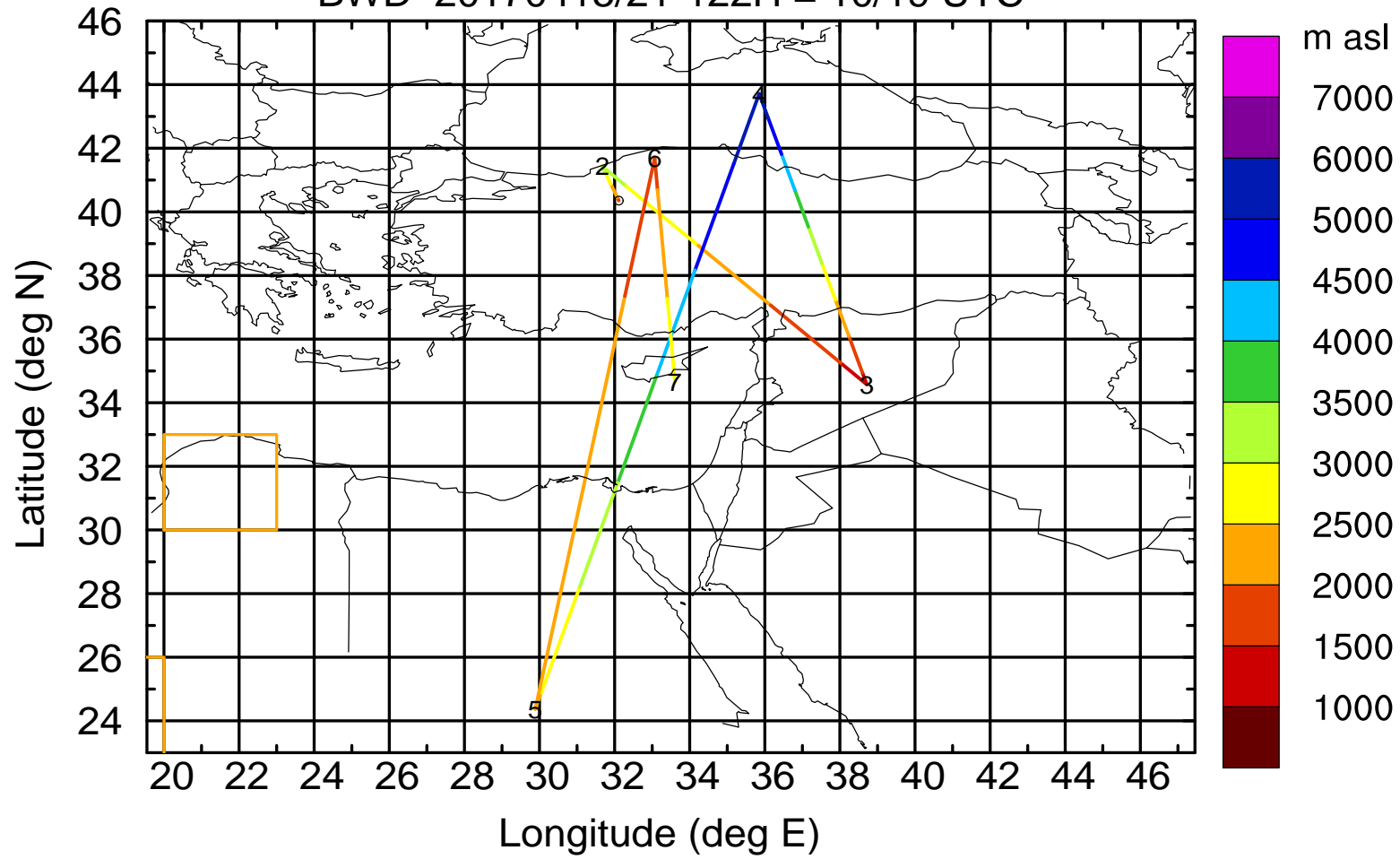
STS ground station 20170415

BWD 20170415/21-121H = 10/20 UTC



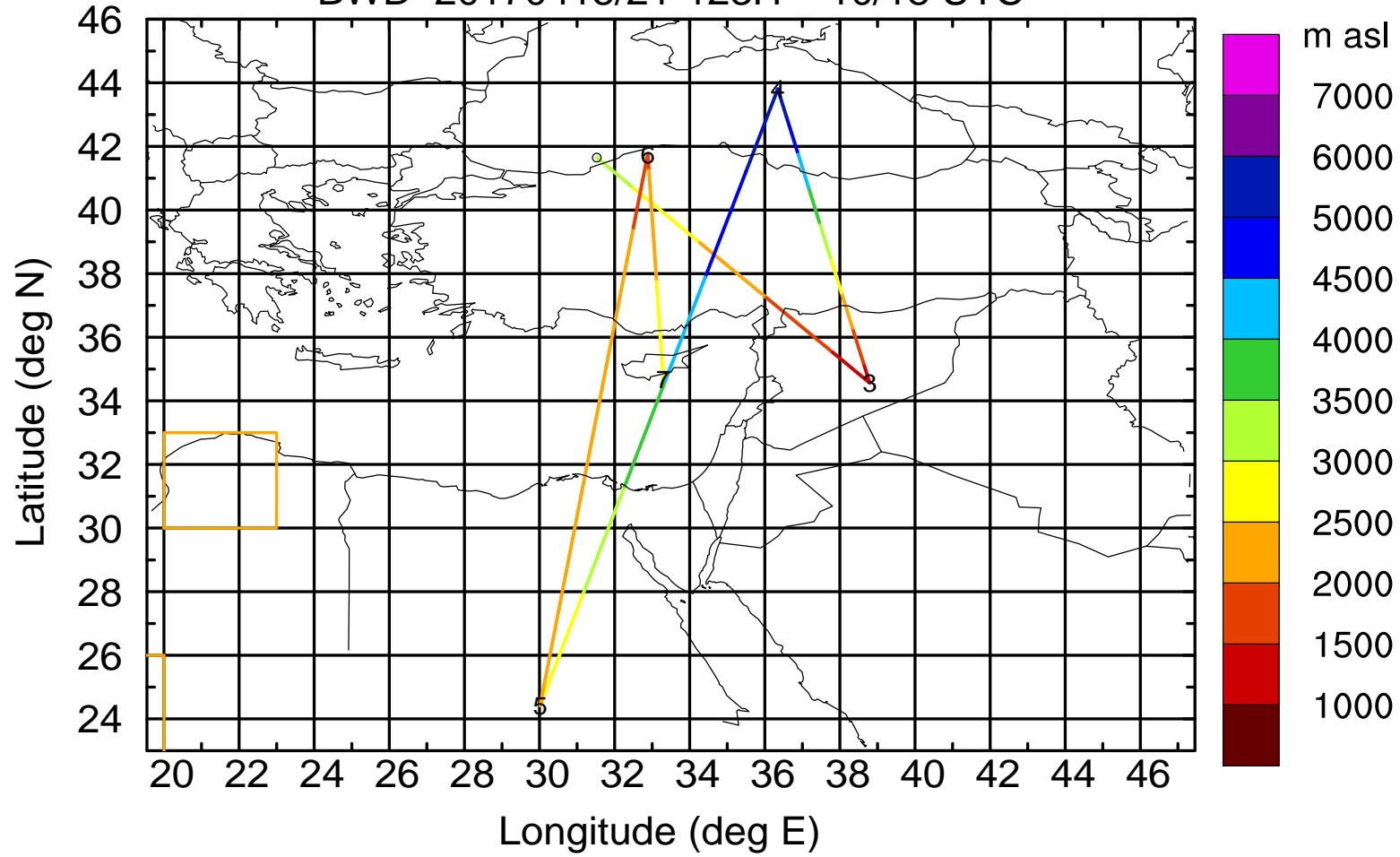
STS ground station 20170415

BWD 20170415/21-122H = 10/19 UTC



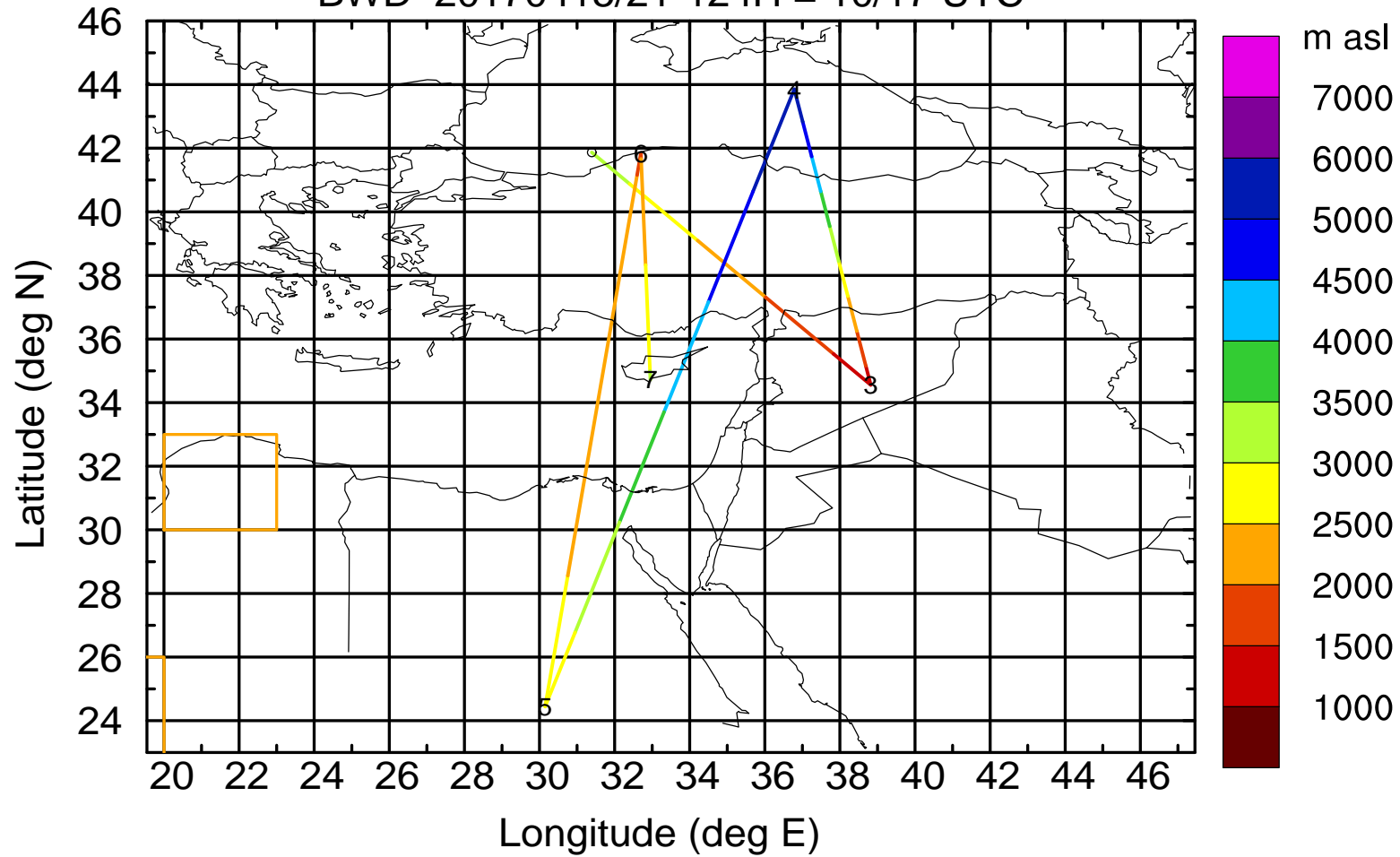
STS ground station 20170415

BWD 20170415/21-123H = 10/18 UTC



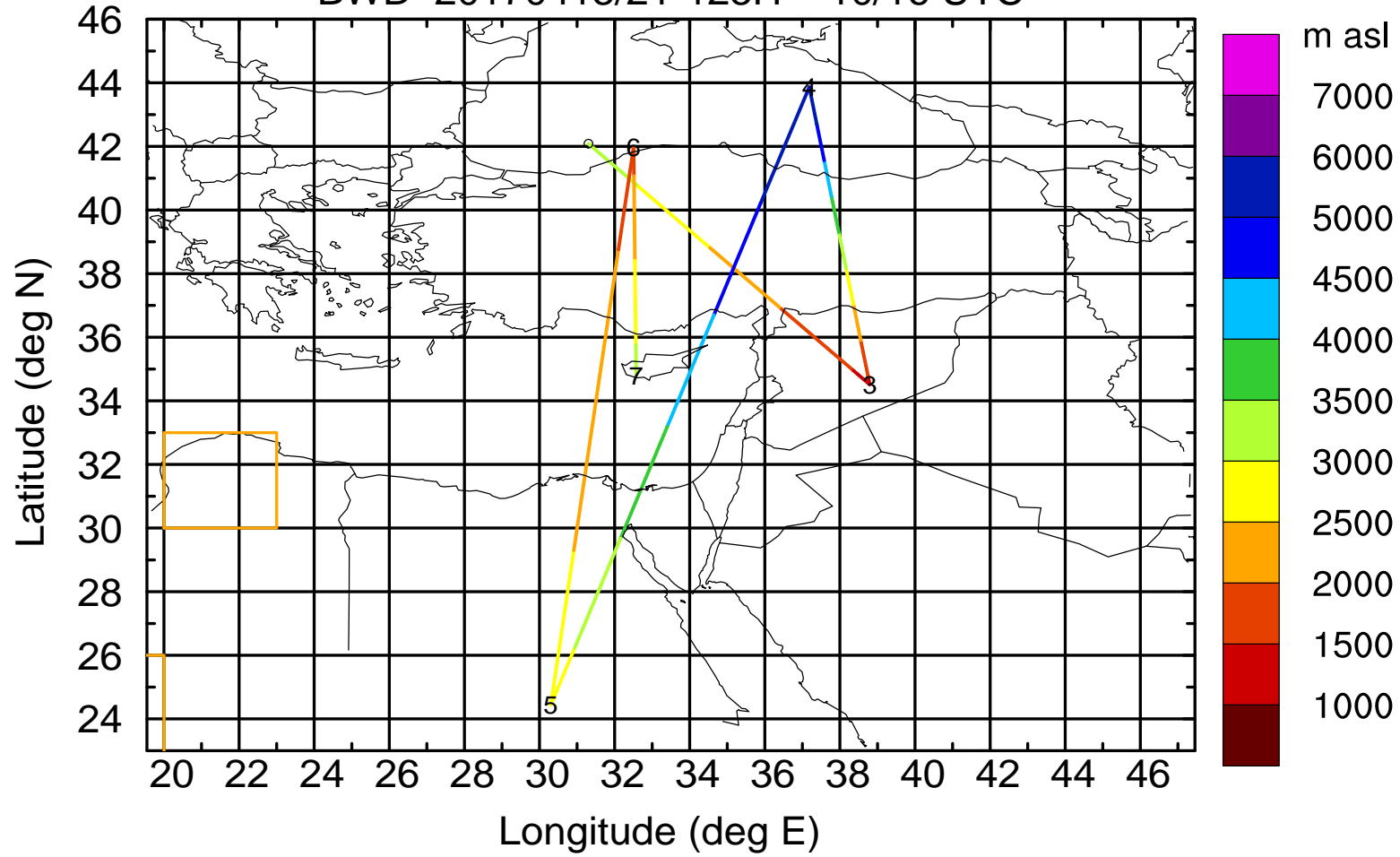
STS ground station 20170415

BWD 20170415/21-124H = 10/17 UTC



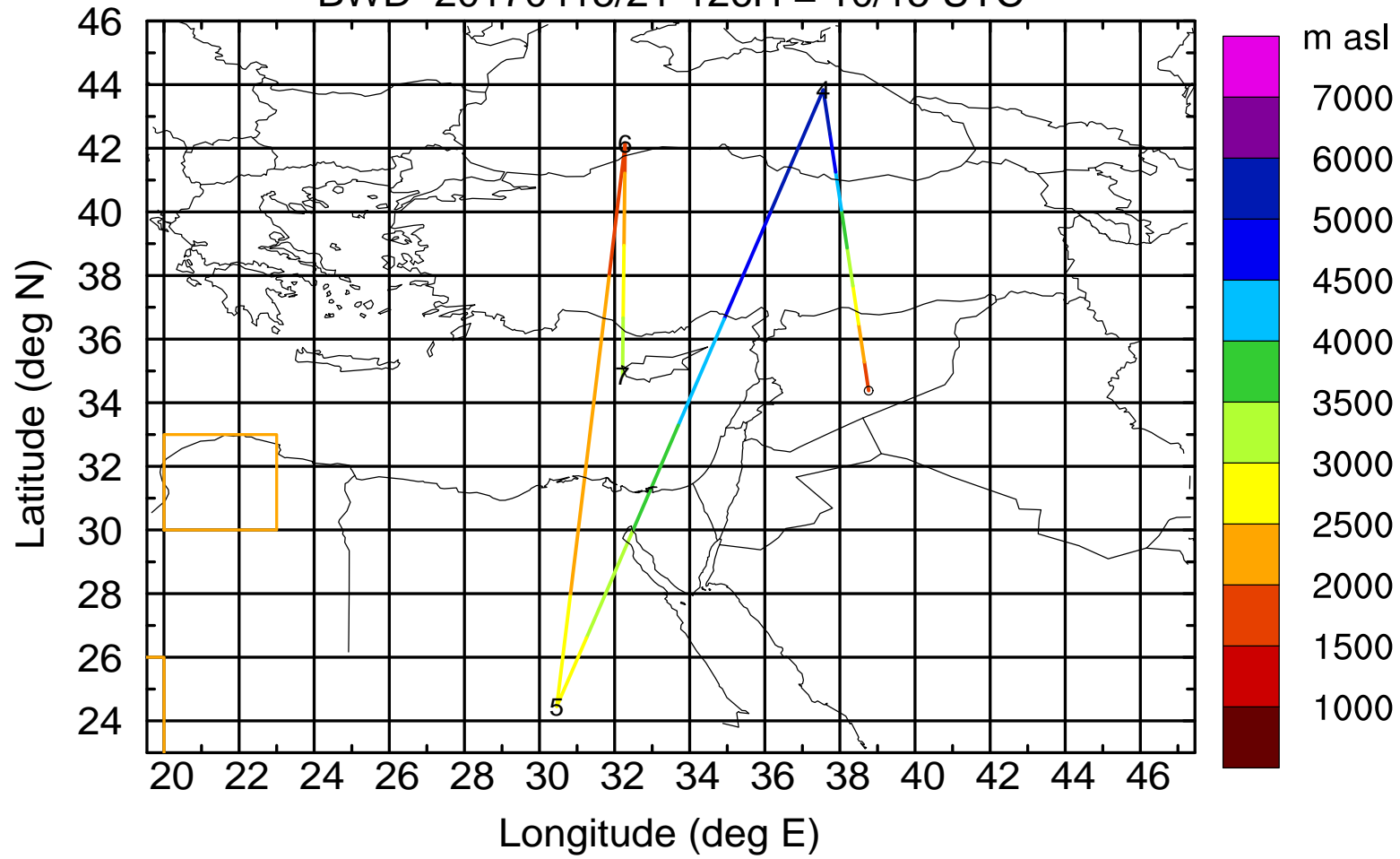
STS ground station 20170415

BWD 20170415/21-125H = 10/16 UTC



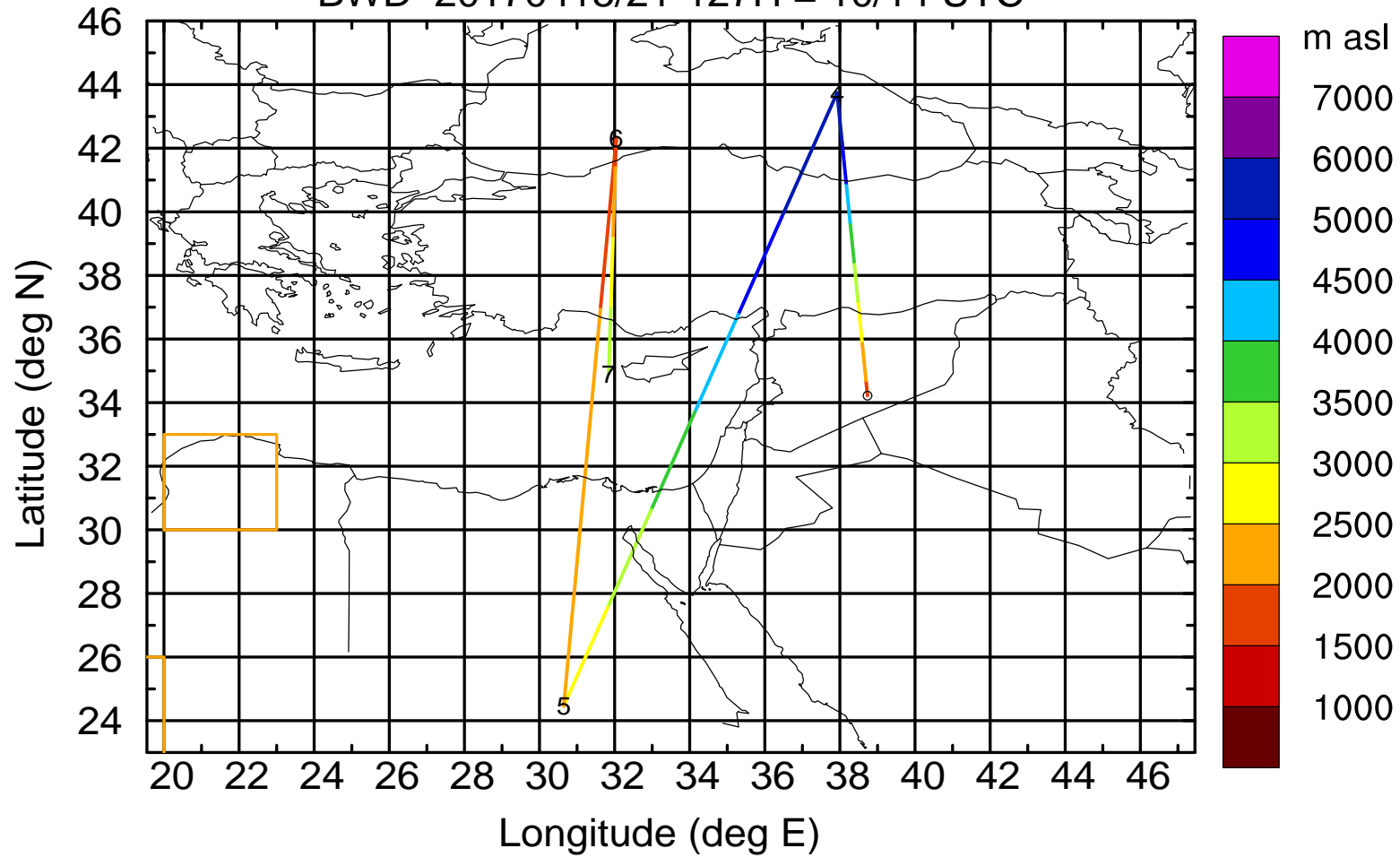
STS ground station 20170415

BWD 20170415/21-126H = 10/15 UTC



STS ground station 20170415

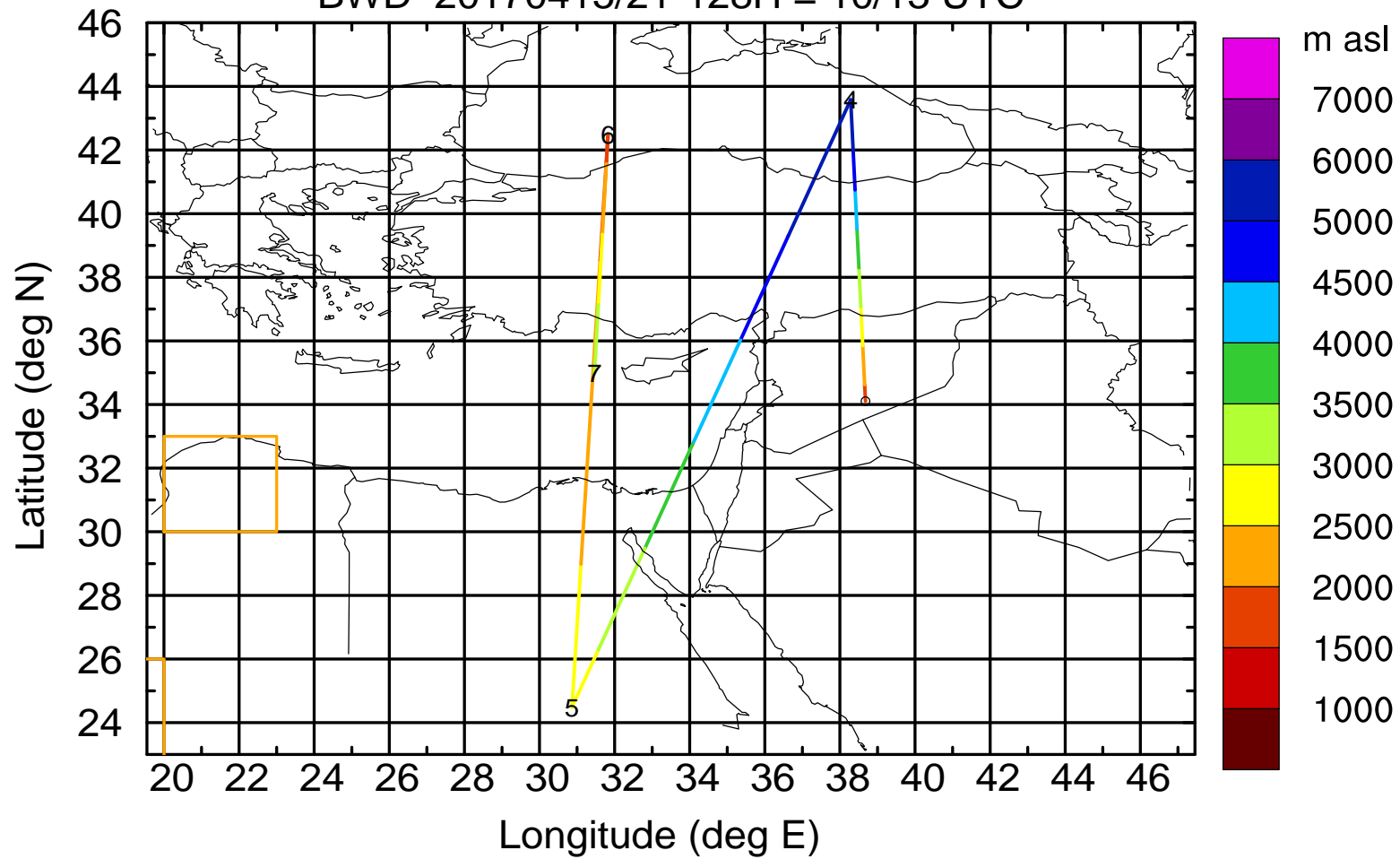
BWD 20170415/21-127H = 10/14 UTC





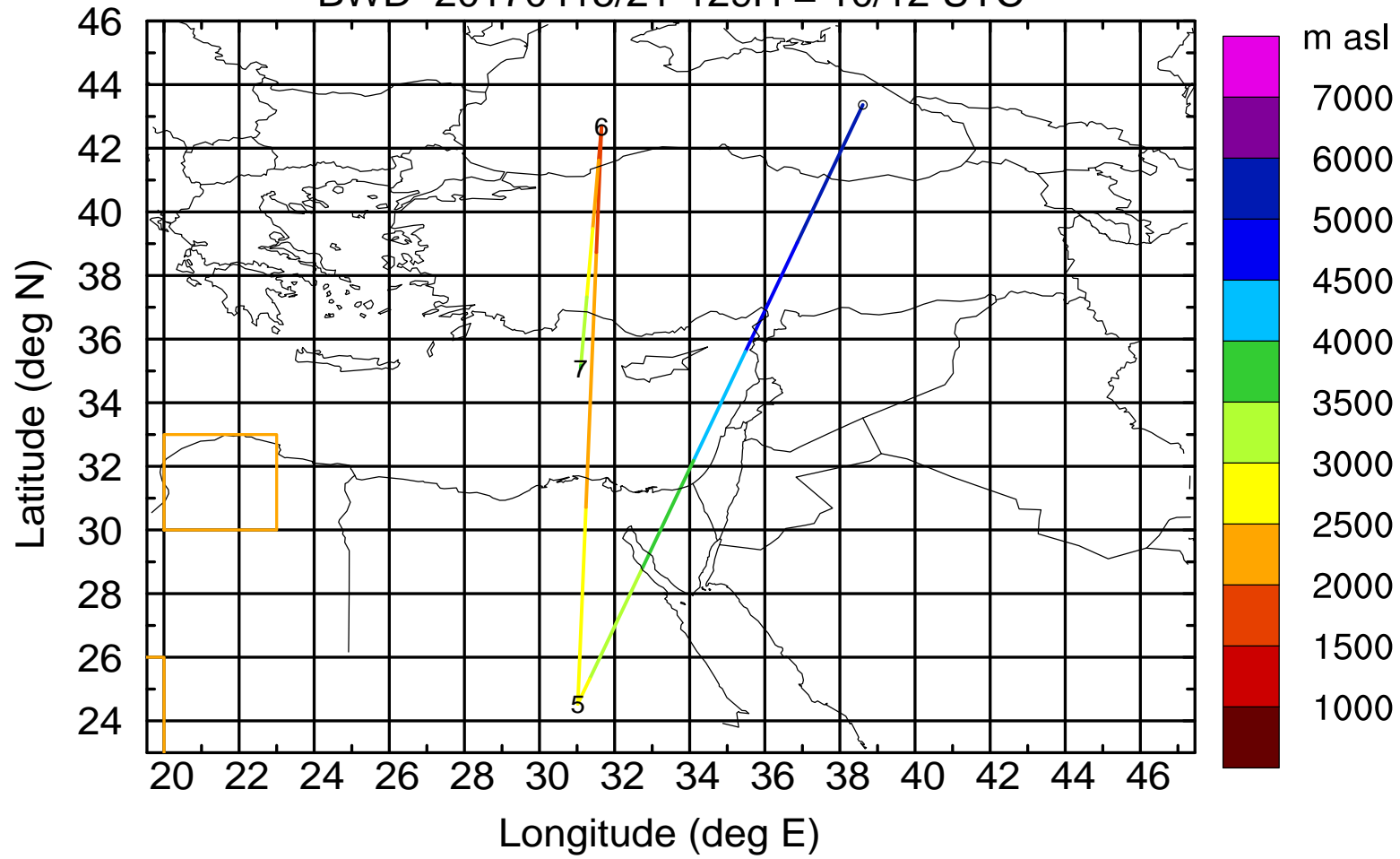
STS ground station 20170415

BWD 20170415/21-128H = 10/13 UTC



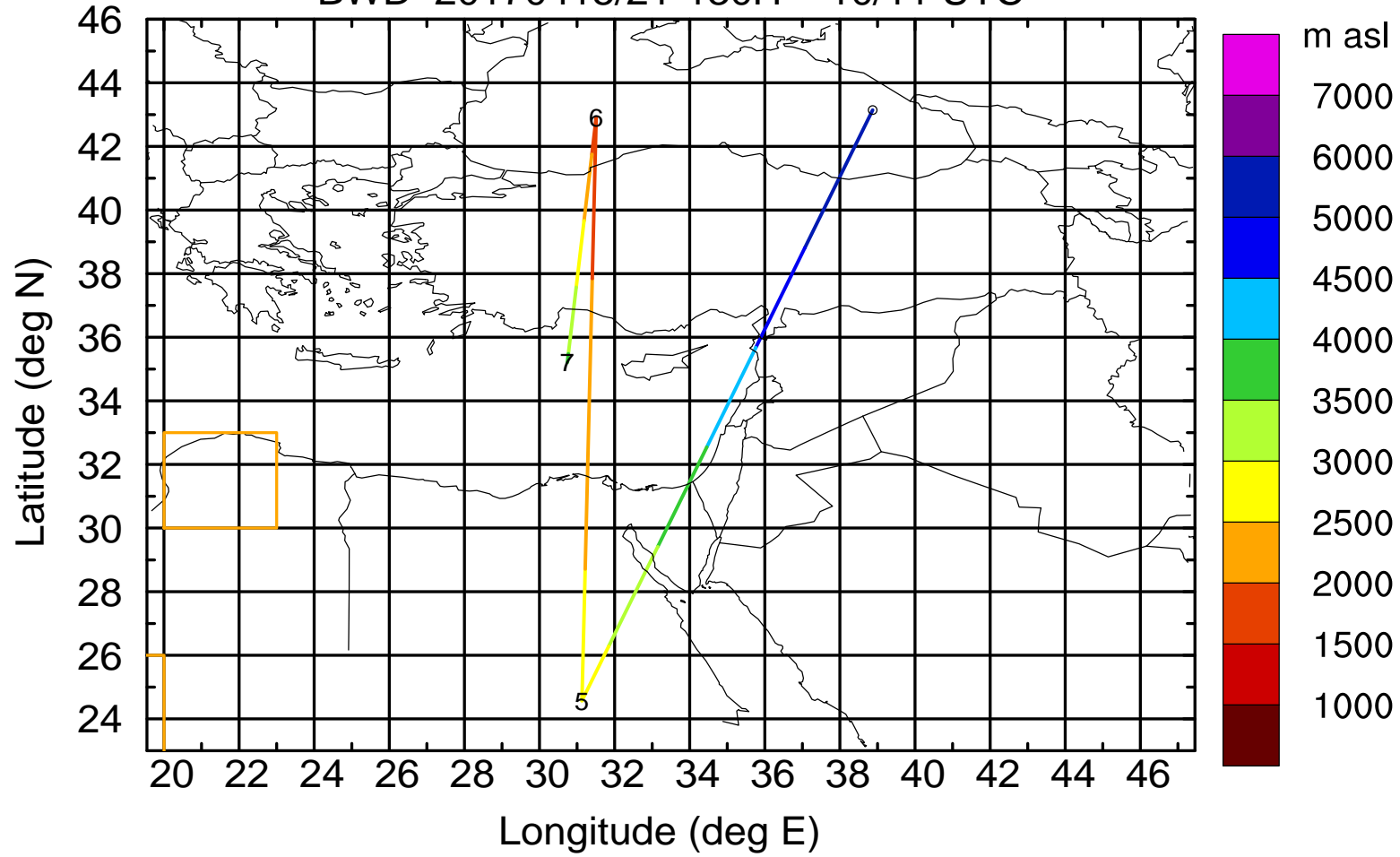
STS ground station 20170415

BWD 20170415/21-129H = 10/12 UTC



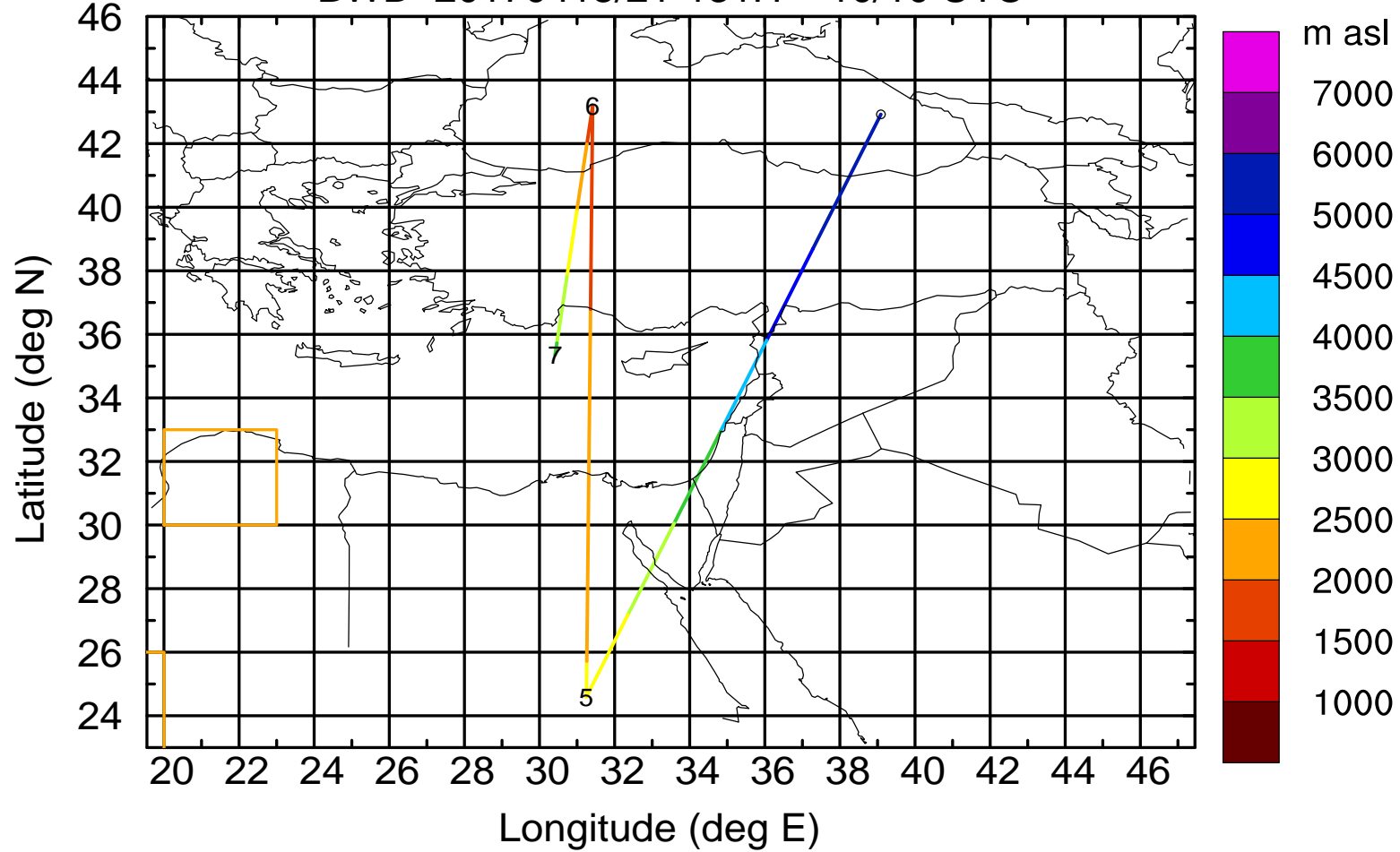
STS ground station 20170415

BWD 20170415/21-130H = 10/11 UTC



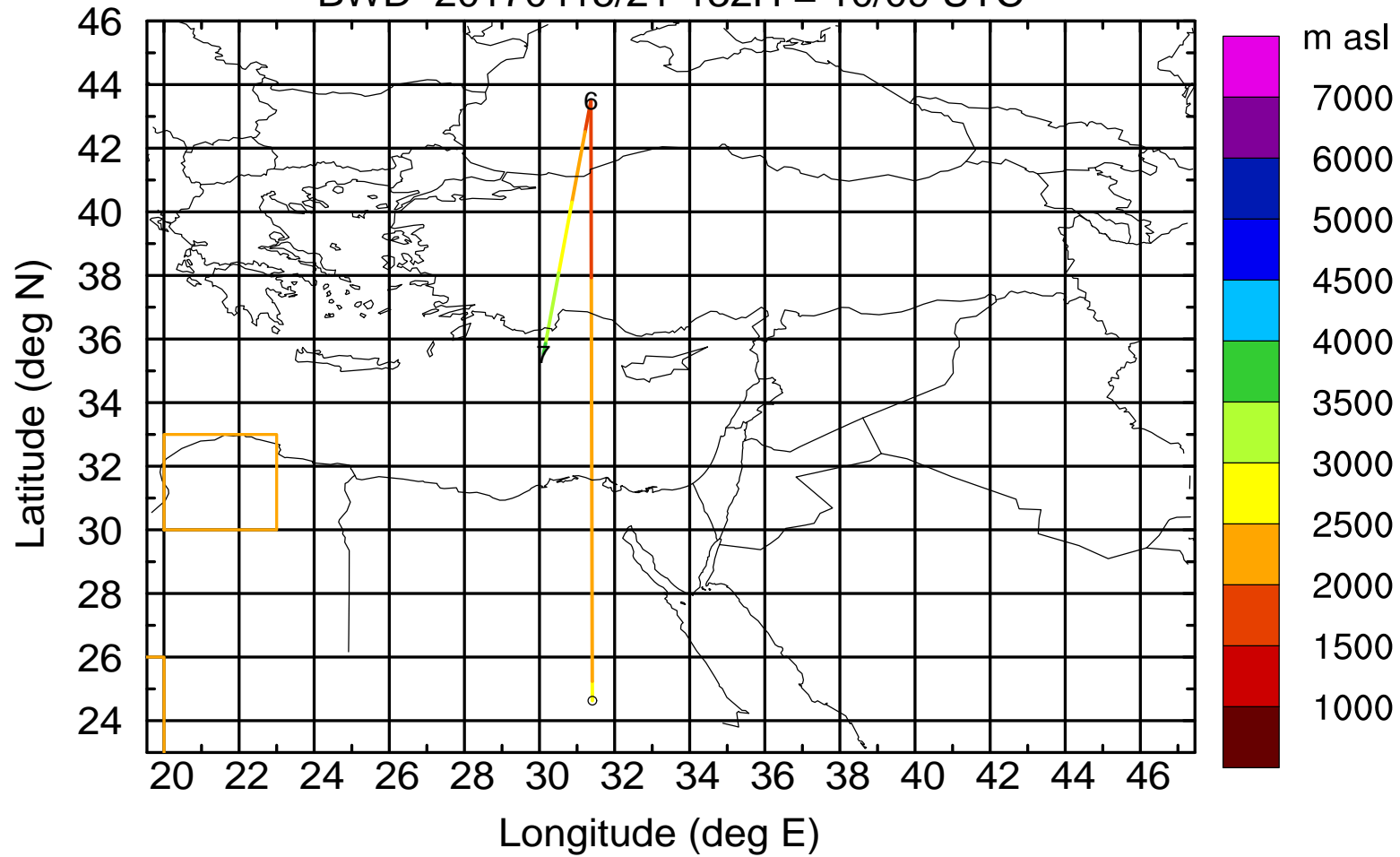
STS ground station 20170415

BWD 20170415/21-131H = 10/10 UTC



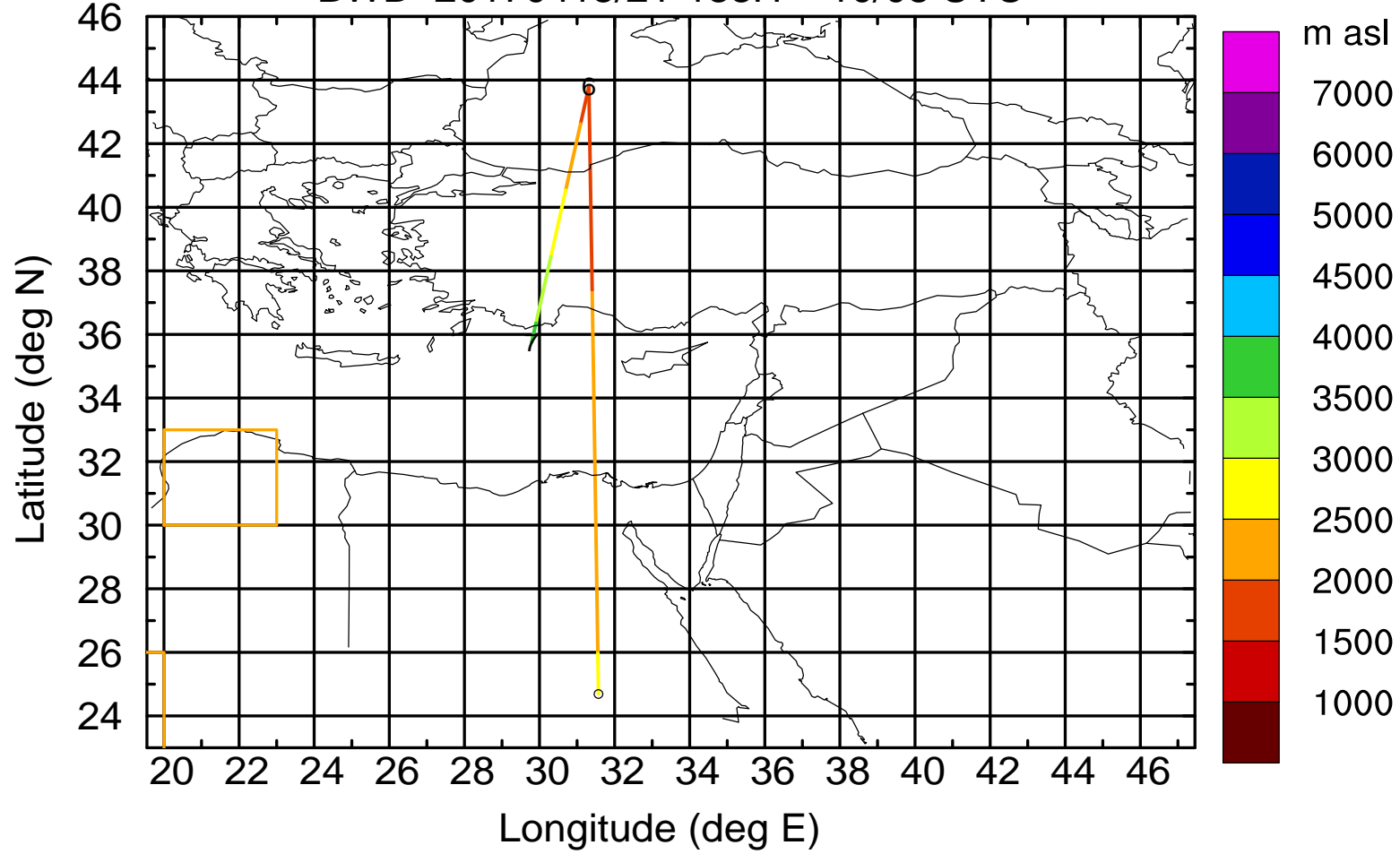
STS ground station 20170415

BWD 20170415/21-132H = 10/09 UTC



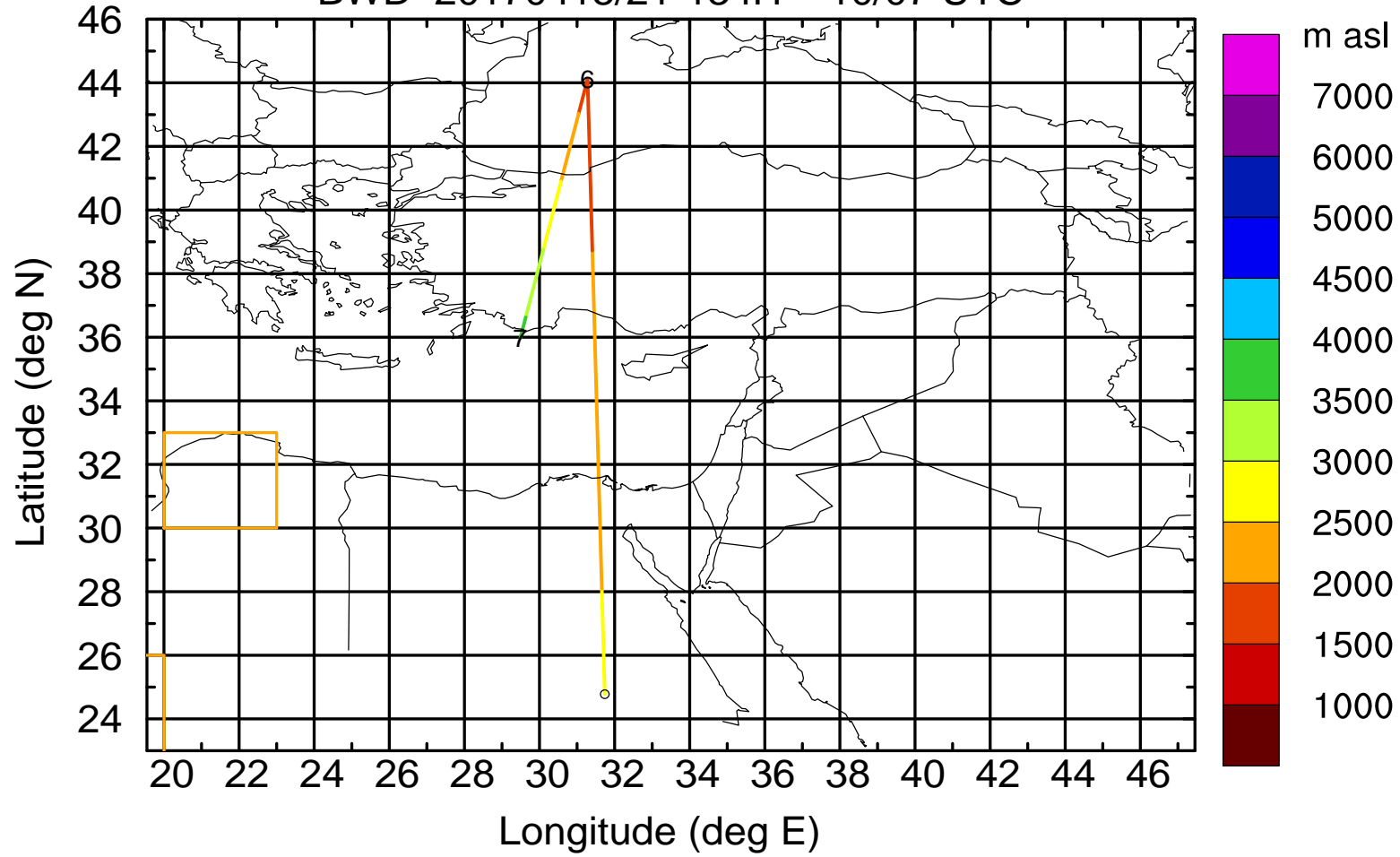
STS ground station 20170415

BWD 20170415/21-133H = 10/08 UTC



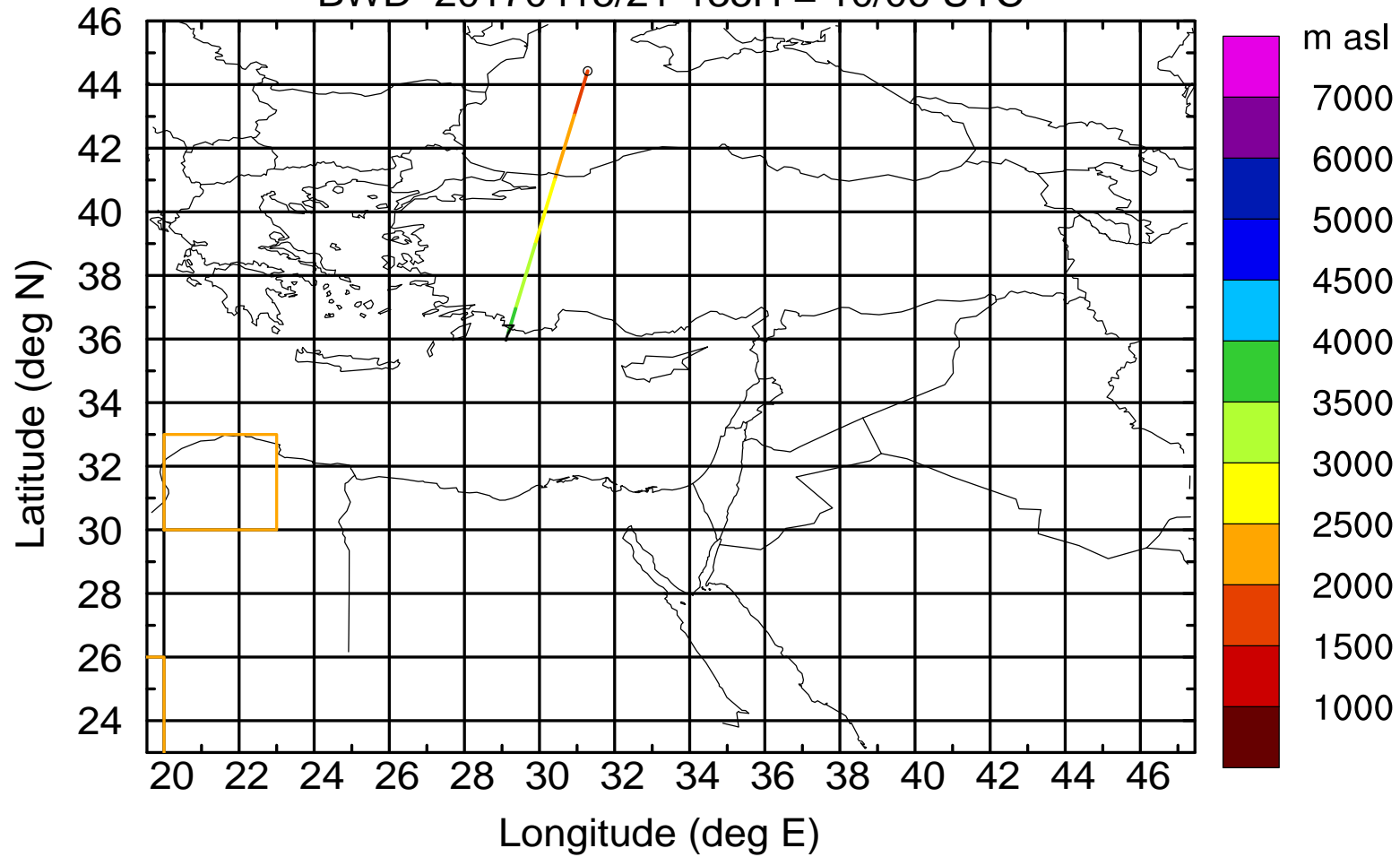
STS ground station 20170415

BWD 20170415/21-134H = 10/07 UTC



STS ground station 20170415

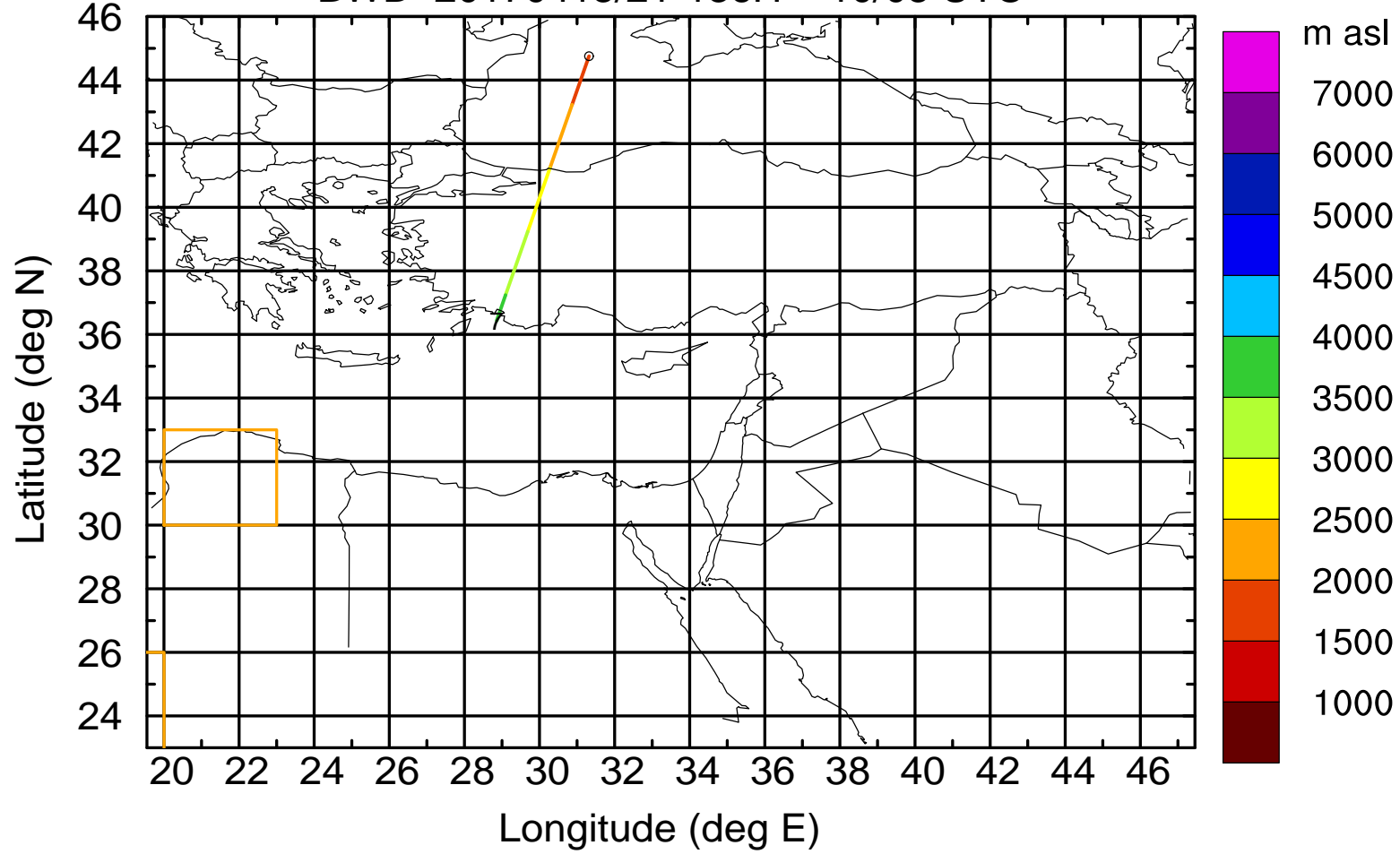
BWD 20170415/21-135H = 10/06 UTC





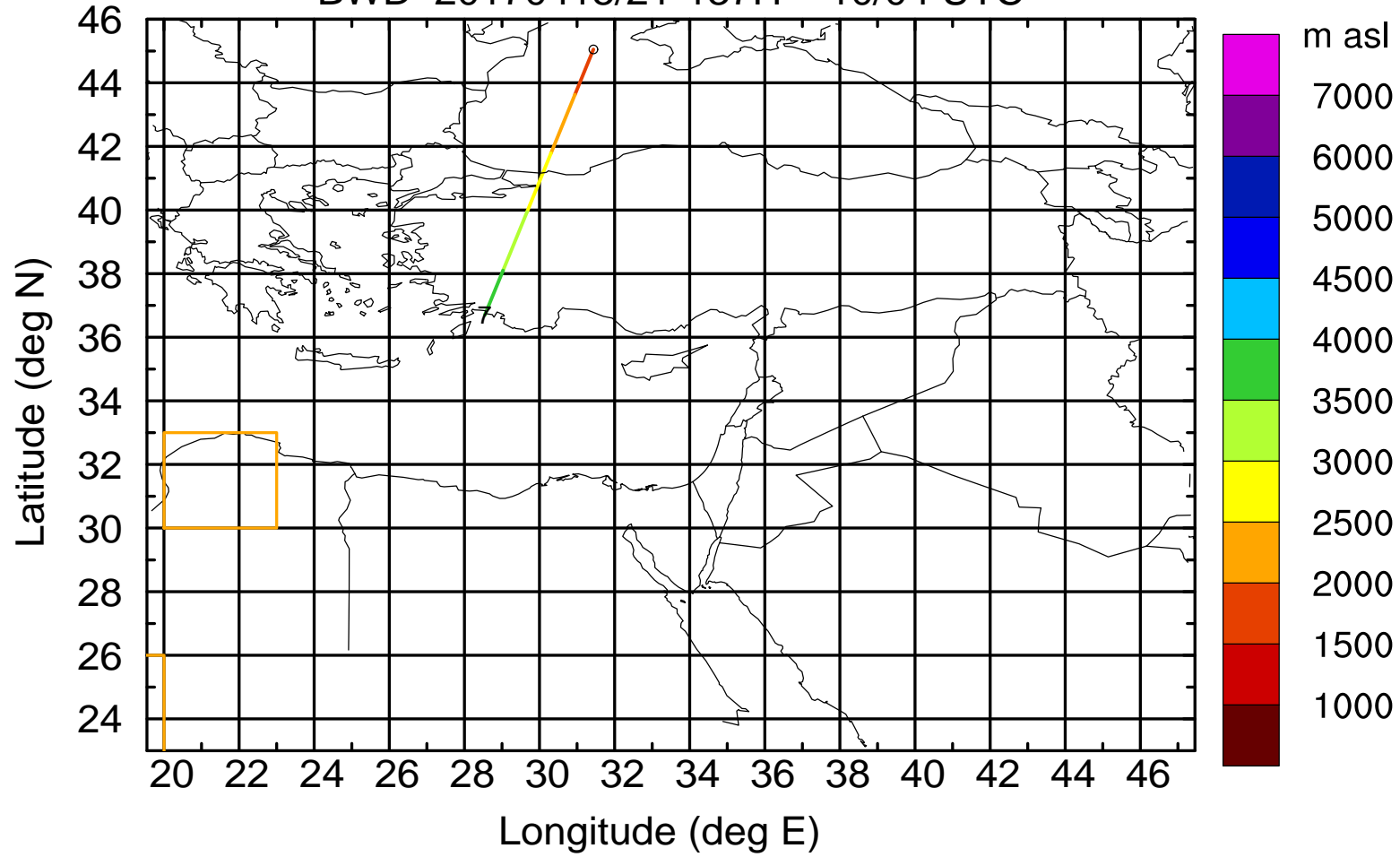
STS ground station 20170415

BWD 20170415/21-136H = 10/05 UTC



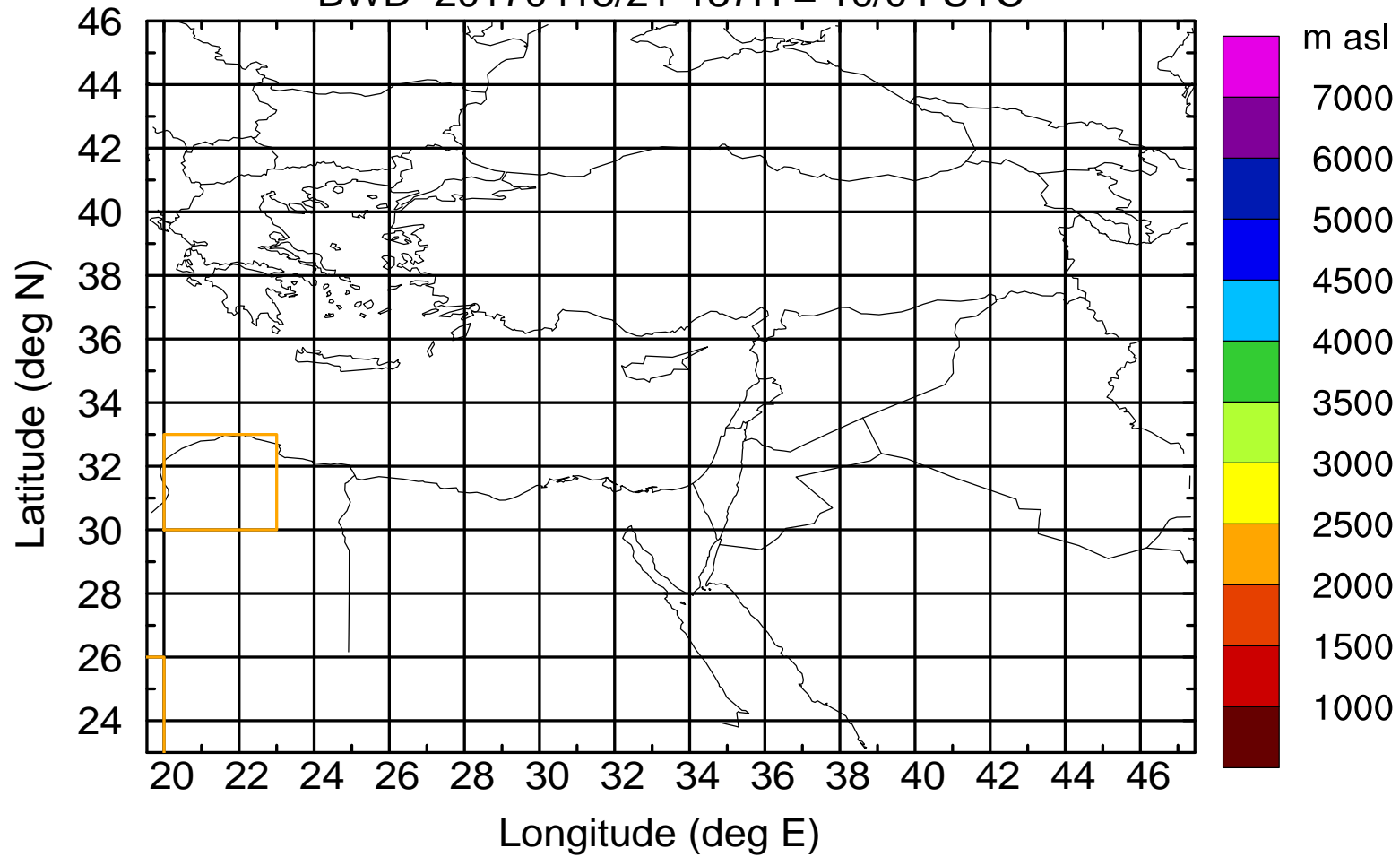
STS ground station 20170415

BWD 20170415/21-137H = 10/04 UTC



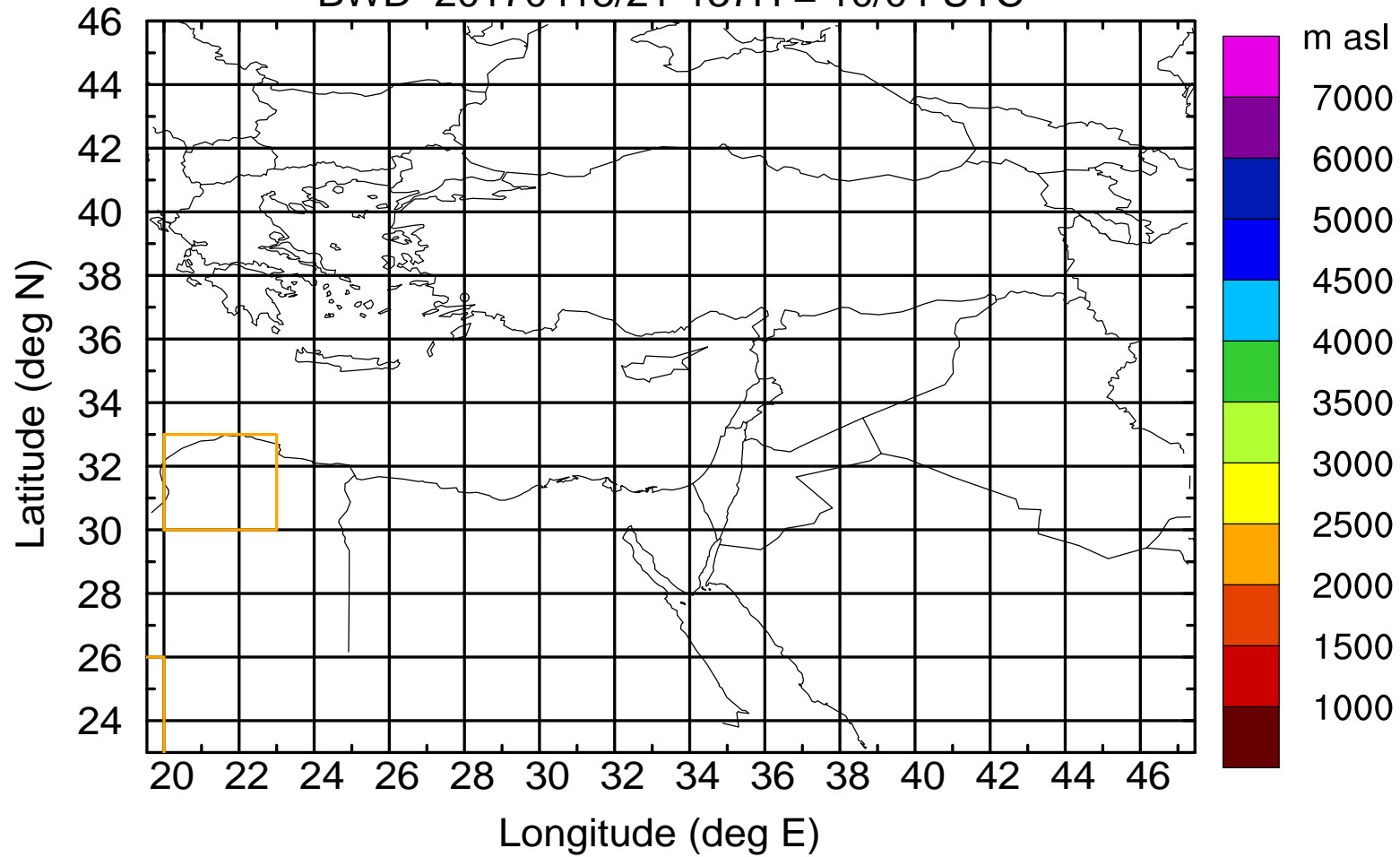
STS ground station 20170415

BWD 20170415/21-137H = 10/04 UTC



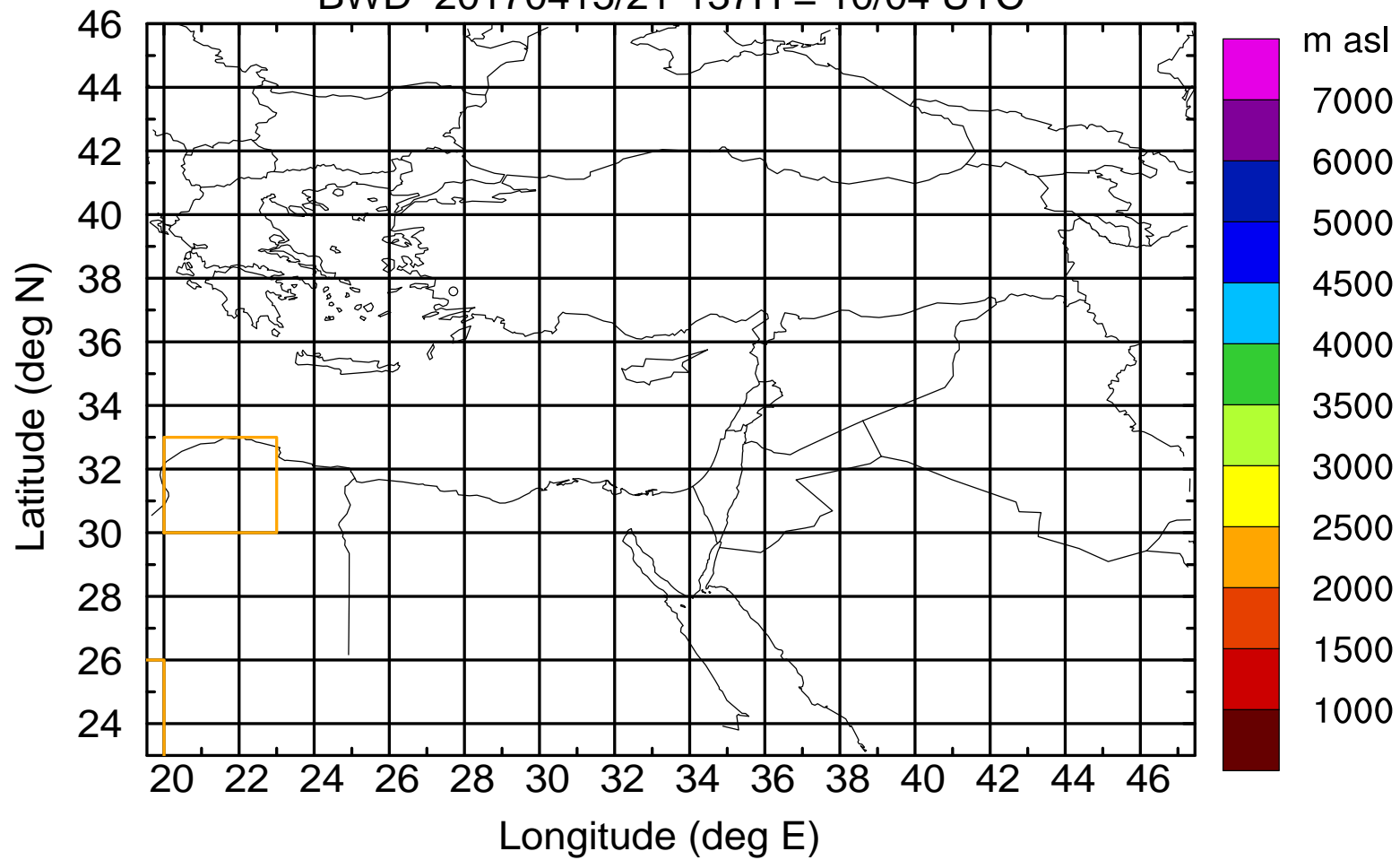
STS ground station 20170415

BWD 20170415/21-137H = 10/04 UTC



STS ground station 20170415

BWD 20170415/21-137H = 10/04 UTC



STS ground station 20170415

BWD 20170415/21-137H = 10/04 UTC

