molaspass=interp1([1 51 102 153 204 256],[0 0 0; 0 0 .75; .5 0 .8; 1 .1 0; 1 .9 0; 1 1 1],1:256);

cruzbay=interp1([1 51 102 153 204 256],[0 0 0; 0 0 .75; 0 .6 .8; 0 .95 0; .85 1 0; 1 1 1],1:256);

blanding=interp1([1 128 129 256],[0 1 1; .248 .2559 .2559; .2559 .248 .248; 1 0 0],1:256);

kayenta=interp1([1 128 129 256],[0 1 1; .2303 .3091 .3091; .3082 .2306 .2306; 1 0 0],1:256);

moab=interp1([1 96 97 128 129 160 161 256],[0 1 1; .1673 .4980 .4980; .2047 .3858 .3858; .248 .2559 .2559; .2559 .248 .248; .3663 .2112 .2112; .4884 .1705 .1705;1 0 0],1:256);

mokidugway=interp1([1 128 129 256],[0 1 1; .9921 1 1; 1 .9921 .9921; 1 0 0],1:256);

nyidalur=interp1([1 128 129 256],[1 0 1; .2559 .248 .2559; .248 .2559 .248; 0 1 0],1:256);

myvatn=interp1([1 128 129 256],[1 0 1; .3091 .2303 .3091; .2306 .3082 .2306; 0 1 0],1:256);

godafoss=interp1([1 96 97 128 129 160 161 256],[1 0 1; .498 .167 .498; .386 .2047 .386; .256 .248 .256; .248 .256 .248; .211 .367 .211; .171 .489 .171 ; 0 1 0],1:256);

skalafell=interp1([1 128 129 256],[1 0 1; 1 .9921 1; .9921 1 .9921; 0 1 0],1:256);

nanticoke=interp1([1 52 103 164 225 256],[0 1 1; 0 .2 1; 0 0 0; 1 .1 0; 1 .9 0; 1 1 1],1:256);

egoalley=interp1([1 52 103 104 164 225 256],[0 1 1; 0 .2 1; 0 .0392 .1961; .1639 .0164 0 ; 1 .1 0; 1 .9 0; 1 1 1],1:256);

reedville=interp1([1 52 84 85 102 103 120 121 164 225 256],[0 1 1; 0 .2 1; 0 .0941 .4706; 0 .0549 .2745; 0 0 .05; .05 0 0; .2131 .0213 0; .3770 .0377 0; 1 .1 0; 1 .9 0; 1 1 1],1:256);

kotor=interp1([1 84 128 129 173 256],[0 0 1; 0 1 1; .248 .2559 .2559; .248 .248 .2559; 1 1 0; 1 0 0],1:256);

dubrovnik=interp1([1 84 128 129 173 256],[0 0 1; 0 1 1; .197 .408 .408; .402 .402 .204; 1 1 0; 1 0 0],1:256);