

$m = 0; +1; +2; +3; +4; +5; +5; +6; +7; +8; +9$

$Y_0^0 = \frac{1}{\sqrt{4\pi}}$	$Y_1^{\pm 1} = \mp \sqrt{\frac{3}{8\pi}} e^{\pm i\phi} \sin \theta$	$Y_1^0 = \sqrt{\frac{3}{4\pi}} \cos \theta$
$Y_2^{\pm 2} = \sqrt{\frac{15}{32\pi}} e^{\pm 2i\phi} \sin^2 \theta$	$Y_2^{\pm 1} = \mp \sqrt{\frac{15}{8\pi}} e^{\pm i\phi} \sin \theta \cos \theta$	$Y_2^0 = \sqrt{\frac{5}{16\pi}} (3 \cos^2 \theta - 1)$

