

WMAP Cosmological Parameters

Model: lcdm+mnu

Data: wmap9+spt+act+bao+h0

$10^9 \Delta_{\mathcal{R}}^2$	$2.438 \pm 0.074$	$H_0$	$68.52^{+0.97}_{-0.96}$ km/s/Mpc
$A_{\text{clustered}}$	$< 11$ (95% CL)	$A_{\text{Poisson}}^{\text{ACT}}$	$14.8 \pm 2.4$
$A_{\text{Poisson}}^{\text{SPT}}$	$> 16$ (95% CL)	$\ell(\ell + 1)C_{220}/(2\pi)$	$5751^{+33}_{-32}$ $\mu\text{K}^2$
$d_A(z_{\text{eq}})$	$14212^{+71}_{-72}$ Mpc	$d_A(z_*)$	$14047 \pm 72$ Mpc
$D_v(z = 0.57)/r_s(z_d)$	$13.42 \pm 0.12$	$\eta$	$(6.103^{+0.091}_{-0.095}) \times 10^{-10}$
$k_{\text{eq}}$	$0.00989 \pm 0.00018$	$\ell_{\text{eq}}$	$138.9 \pm 1.9$
$\ell_*$	$301.98^{+0.41}_{-0.40}$	$\sum m_\nu$	$< 0.44$ eV (95% CL)
$n_b$	$(2.506^{+0.037}_{-0.039}) \times 10^{-7}$ $\text{cm}^{-3}$	$n_s$	$0.9649^{+0.0085}_{-0.0083}$
$\Omega_b$	$0.0476 \pm 0.0013$	$\Omega_b h^2$	$0.02232^{+0.00033}_{-0.00035}$
$\Omega_c$	$0.2411^{+0.0090}_{-0.0088}$	$\Omega_c h^2$	$0.1132 \pm 0.0025$
$\Omega_\Lambda$	$0.707 \pm 0.011$	$\Omega_m$	$0.293 \pm 0.011$
$\Omega_m h^2$	$0.1376 \pm 0.0020$	$\Omega_\nu h^2$	$< 0.0047$ (95% CL)
$r_s(z_d)$	$152.76 \pm 0.78$ Mpc	$r_s(z_d)/D_v(z = 0.106)$	$0.3403^{+0.0045}_{-0.0047}$
$r_s(z_d)/D_v(z = 0.2)$	$0.1860^{+0.0023}_{-0.0024}$	$r_s(z_d)/D_v(z = 0.35)$	$0.1120 \pm 0.0012$
$r_s(z_d)/D_v(z = 0.44)$	$0.09202^{+0.00091}_{-0.00095}$	$r_s(z_d)/D_v(z = 0.54)$	$0.07780^{+0.00070}_{-0.00074}$
$r_s(z_d)/D_v(z = 0.57)$	$0.07454^{+0.00066}_{-0.00069}$	$r_s(z_d)/D_v(z = 0.6)$	$0.07161^{+0.00061}_{-0.00064}$
$r_s(z_d)/D_v(z = 0.73)$	$0.06179^{+0.00047}_{-0.00049}$	$r_s(z_*)$	$146.13 \pm 0.68$
$R$	$1.7382^{+0.0067}_{-0.0064}$	$\sigma_8$	$0.770 \pm 0.038$
$\sigma_8 \Omega_m^{0.5}$	$0.417 \pm 0.020$	$\sigma_8 \Omega_m^{0.6}$	$0.369 \pm 0.018$
$A_{\text{SZ}}$	$< 1.1$ (95% CL)	$t_0$	$13.843^{+0.078}_{-0.077}$ Gyr
$\tau$	$0.086 \pm 0.012$	$\theta_*$	$0.010403 \pm 0.000014$
$\theta_*$	$0.59607^{+0.00080}_{-0.00081}$ $^\circ$	$\tau_{\text{rec}}$	$284.3 \pm 1.3$
$t_{\text{reion}}$	$459^{+62}_{-64}$ Myr	$t_*$	$376763^{+2189}_{-2144}$ yr
$z_d$	$1019.92^{+0.81}_{-0.83}$	$z_{\text{eq}}$	$3243 \pm 59$
$z_{\text{rec}}$	$1088.46^{+0.61}_{-0.60}$	$z_{\text{reion}}$	$10.5^{+1.1}_{-1.0}$
$z_*$	$1091.33^{+0.52}_{-0.51}$		