

WMAP Cosmological Parameters

Model: lcdm+tens

Data: wmap9+h0

$10^9 \Delta_{\mathcal{R}}^2$	$2.23 \pm 0.11$	$H_0$	$73.2 \pm 1.9$ km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	$5754 \pm 34 \mu\text{K}^2$	$d_A(z_{\text{eq}})$	$14265 \pm 110$ Mpc
$d_A(z_*)$	$14101 \pm 112$ Mpc	$D_v(z=0.57)/r_s(z_d)$	$12.87 \pm 0.25$
$\eta$	$(6.37 \pm 0.15) \times 10^{-10}$	$k_{\text{eq}}$	$0.00961 \pm 0.00027$
$\ell_{\text{eq}}$	$135.5 \pm 2.9$	$\ell_*$	$301.92 \pm 0.62$
$n_b$	$(2.616 \pm 0.060) \times 10^{-7} \text{ cm}^{-3}$	$n_s$	$0.995 \pm 0.015$
$n_t$	$> -0.043$ (95% CL)	$\Omega_b$	$0.0435 \pm 0.0018$
$\Omega_b h^2$	$0.02329 \pm 0.00053$	$\Omega_c$	$0.203 \pm 0.017$
$\Omega_c h^2$	$0.1084 \pm 0.0038$	$\Omega_\Lambda$	$0.753 \pm 0.019$
$\Omega_m$	$0.247 \pm 0.019$	$\Omega_m h^2$	$0.1317 \pm 0.0037$
$r$	$< 0.34$ (95% CL)	$r_s(z_d)$	$153.1 \pm 1.2$ Mpc
$r_s(z_d)/D_v(z=0.106)$	$0.362 \pm 0.010$	$r_s(z_d)/D_v(z=0.2)$	$0.1971 \pm 0.0052$
$r_s(z_d)/D_v(z=0.35)$	$0.1179 \pm 0.0028$	$r_s(z_d)/D_v(z=0.44)$	$0.0965 \pm 0.0021$
$r_s(z_d)/D_v(z=0.54)$	$0.0813 \pm 0.0016$	$r_s(z_d)/D_v(z=0.57)$	$0.0778 \pm 0.0015$
$r_s(z_d)/D_v(z=0.6)$	$0.0746 \pm 0.0014$	$r_s(z_d)/D_v(z=0.73)$	$0.0641 \pm 0.0011$
$r_s(z_*)$	$146.7 \pm 1.0$	$R$	$1.706 \pm 0.013$
$\sigma_8$	$0.804 \pm 0.022$	$\sigma_8 \Omega_m^{0.5}$	$0.399 \pm 0.024$
$\sigma_8 \Omega_m^{0.6}$	$0.347 \pm 0.023$	$A_{\text{SZ}}$	$< 2.0$ (95% CL)
$t_0$	$13.60 \pm 0.11$ Gyr	$\tau$	$0.093 \pm 0.014$
$\theta_*$	$0.010405 \pm 0.000021$	$\theta_*$	$0.5962 \pm 0.0012$ °
$\tau_{\text{rec}}$	$286.6 \pm 2.1$	$t_{\text{reion}}$	$461_{-66}^{+65}$ Myr
$t_*$	$381291_{-3577}^{+3572}$ yr	$z_d$	$1021.6 \pm 1.2$
$z_{\text{eq}}$	$3151 \pm 89$	$z_{\text{rec}}$	$1087.15 \pm 0.75$
$z_{\text{reion}}$	$10.6 \pm 1.1$	$z_*$	$1089.67 \pm 0.80$