

WMAP Cosmological Parameters

Model: lcdm+tens

Data: wmap9+snls3+h0

$10^9 \Delta_{\mathcal{R}}^2$	$2.22 \pm 0.11$	$H_0$	$73.5 \pm 1.7$ km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	$5755 \pm 33 \mu\text{K}^2$	$d_A(z_{\text{eq}})$	$14278 \pm 106$ Mpc
$d_A(z_*)$	$14115 \pm 107$ Mpc	$D_v(z=0.57)/r_s(z_d)$	$12.82 \pm 0.23$
$\eta$	$(6.38 \pm 0.14) \times 10^{-10}$	$k_{\text{eq}}$	$0.00956 \pm 0.00025$
$\ell_{\text{eq}}$	$134.9 \pm 2.6$	$\ell_*$	$301.90 \pm 0.61$
$n_b$	$(2.621 \pm 0.059) \times 10^{-7} \text{ cm}^{-3}$	$n_s$	$0.997 \pm 0.015$
$n_t$	$> -0.044$ (95% CL)	$\Omega_b$	$0.0432 \pm 0.0016$
$\Omega_b h^2$	$0.02334 \pm 0.00053$	$\Omega_c$	$0.200 \pm 0.015$
$\Omega_c h^2$	$0.1077 \pm 0.0035$	$\Omega_\Lambda$	$0.757 \pm 0.017$
$\Omega_m$	$0.243 \pm 0.017$	$\Omega_m h^2$	$0.1310 \pm 0.0034$
$r$	$< 0.36$ (95% CL)	$r_s(z_d)$	$153.2 \pm 1.1$ Mpc
$r_s(z_d)/D_v(z=0.106)$	$0.3642 \pm 0.0092$	$r_s(z_d)/D_v(z=0.2)$	$0.1981 \pm 0.0047$
$r_s(z_d)/D_v(z=0.35)$	$0.1184 \pm 0.0025$	$r_s(z_d)/D_v(z=0.44)$	$0.0969 \pm 0.0019$
$r_s(z_d)/D_v(z=0.54)$	$0.0816 \pm 0.0015$	$r_s(z_d)/D_v(z=0.57)$	$0.0781 \pm 0.0014$
$r_s(z_d)/D_v(z=0.6)$	$0.0749 \pm 0.0013$	$r_s(z_d)/D_v(z=0.73)$	$0.0643 \pm 0.0010$
$r_s(z_*)$	$146.88 \pm 0.97$	$R$	$1.704 \pm 0.012$
$\sigma_8$	$0.801 \pm 0.021$	$\sigma_8 \Omega_m^{0.5}$	$0.395 \pm 0.021$
$\sigma_8 \Omega_m^{0.6}$	$0.343 \pm 0.021$	$\alpha_{\text{SNLS}}$	$1.43 \pm 0.11$
$\beta_{\text{SNLS}}$	$3.26 \pm 0.11$	$A_{\text{SZ}}$	$< 2.0$ (95% CL)
$t_0$	$13.59 \pm 0.10$ Gyr	$\tau$	$0.093 \pm 0.014$
$\theta_*$	$0.010406 \pm 0.000021$	$\theta_*$	$0.5962 \pm 0.0012^\circ$
$\tau_{\text{rec}}$	$287.0 \pm 1.9$	$t_{\text{reion}}$	$461 \pm 65$ Myr
$t_*$	$381953_{-3274}^{+3270}$ yr	$z_d$	$1021.7 \pm 1.2$
$z_{\text{eq}}$	$3135 \pm 82$	$z_{\text{rec}}$	$1087.06 \pm 0.73$
$z_{\text{reion}}$	$10.6 \pm 1.1$	$z_*$	$1089.55_{-0.76}^{+0.75}$