

WMAP Cosmological Parameters

Model: lcdm+iso+uncorr

Data: wmap9+snls3+h0

$10^9 \Delta_{\mathcal{R}}^2$	$2.333 \pm 0.083$	$H_0$	$73.6 \pm 1.8$ km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	$5744 \pm 35 \mu\text{K}^2$	$d_A(z_{\text{eq}})$	$14269 \pm 106$ Mpc
$d_A(z_*)$	$14105 \pm 107$ Mpc	$D_v(z=0.57)/r_s(z_d)$	$12.81 \pm 0.23$
$\eta$	$(6.39 \pm 0.15) \times 10^{-10}$	$k_{\text{eq}}$	$0.00958 \pm 0.00025$
$\ell_{\text{eq}}$	$135.0 \pm 2.6$	$\ell_*$	$301.82 \pm 0.63$
$n_b$	$(2.624 \pm 0.061) \times 10^{-7} \text{ cm}^{-3}$	$n_s$	$0.998 \pm 0.015$
$\Omega_b$	$0.0432 \pm 0.0016$	$\Omega_b h^2$	$0.02337 \pm 0.00054$
$\Omega_c$	$0.200 \pm 0.015$	$\Omega_c h^2$	$0.1078 \pm 0.0034$
$\Omega_\Lambda$	$0.757 \pm 0.017$	$\Omega_m$	$0.243 \pm 0.017$
$\Omega_m h^2$	$0.1312 \pm 0.0034$	$r_s(z_d)$	$153.1 \pm 1.1$ Mpc
$r_s(z_d)/D_v(z=0.106)$	$0.3643 \pm 0.0093$	$r_s(z_d)/D_v(z=0.2)$	$0.1981 \pm 0.0047$
$r_s(z_d)/D_v(z=0.35)$	$0.1184 \pm 0.0025$	$r_s(z_d)/D_v(z=0.44)$	$0.0969 \pm 0.0019$
$r_s(z_d)/D_v(z=0.54)$	$0.0816 \pm 0.0015$	$r_s(z_d)/D_v(z=0.57)$	$0.0781 \pm 0.0014$
$r_s(z_d)/D_v(z=0.6)$	$0.0749 \pm 0.0013$	$r_s(z_d)/D_v(z=0.73)$	$0.0643 \pm 0.0010$
$r_s(z_*)$	$146.81 \pm 0.97$	$R$	$1.704 \pm 0.012$
$\sigma_8$	$0.799 \pm 0.021$	$\sigma_8 \Omega_m^{0.5}$	$0.394 \pm 0.022$
$\sigma_8 \Omega_m^{0.6}$	$0.342 \pm 0.021$	$\alpha_{\text{SNLS}}$	$1.43 \pm 0.11$
$\beta_{\text{SNLS}}$	$3.26 \pm 0.11$	$A_{\text{SZ}}$	$< 2.0$ (95% CL)
$t_0$	$13.58 \pm 0.11$ Gyr	$\tau$	$0.090 \pm 0.014$
$\theta_*$	$0.010409 \pm 0.000022$	$\theta_*$	$0.5964 \pm 0.0012$ °
$\tau_{\text{rec}}$	$286.9 \pm 1.9$	$t_{\text{reion}}$	$477 \pm 69$ Myr
$t_*$	$381789^{+3230}_{-3235}$ yr	$\alpha_0$	$< 0.13$ (95% CL)
$z_d$	$1021.8 \pm 1.2$	$z_{\text{eq}}$	$3140 \pm 81$
$z_{\text{rec}}$	$1087.05 \pm 0.74$	$z_{\text{reion}}$	$10.4 \pm 1.1$
$z_*$	$1089.53 \pm 0.77$		