

WMAP Cosmological Parameters

Model: lcdm+run+tens

Data: wmap9+snls3+h0

$10^9 \Delta_{\mathcal{R}}^2$	$2.14 \pm 0.16$	$H_0$	$73.3 \pm 1.8$ km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	$5761 \pm 35$ $\mu\text{K}^2$	$d_A(z_{\text{eq}})$	$14252 \pm 113$ Mpc
$d_A(z_*)$	$14088^{+114}_{-115}$ Mpc	$dn_s/d \ln k$	$-0.017 \pm 0.025$
$D_v(z=0.57)/r_s(z_d)$	$12.86^{+0.25}_{-0.24}$	$\eta$	$(6.37 \pm 0.15) \times 10^{-10}$
$k_{\text{eq}}$	$0.00963 \pm 0.00027$	$\ell_{\text{eq}}$	$135.6 \pm 2.9$
$\ell_*$	$301.78 \pm 0.63$	$n_b$	$(2.616 \pm 0.062) \times 10^{-7}$ $\text{cm}^{-3}$
$n_s$	$1.039 \pm 0.064$	$n_t$	$> -0.069$ (95% CL)
$\Omega_b$	$0.0434 \pm 0.0017$	$\Omega_b h^2$	$0.02329 \pm 0.00055$
$\Omega_c$	$0.203 \pm 0.017$	$\Omega_c h^2$	$0.1086 \pm 0.0039$
$\Omega_\Lambda$	$0.753 \pm 0.018$	$\Omega_m$	$0.247 \pm 0.018$
$\Omega_m h^2$	$0.1319^{+0.0038}_{-0.0037}$	$r$	$< 0.55$ (95% CL)
$r_s(z_d)$	$153.0^{+1.1}_{-1.2}$ Mpc	$r_s(z_d)/D_v(z=0.106)$	$0.3625 \pm 0.0099$
$r_s(z_d)/D_v(z=0.2)$	$0.1973 \pm 0.0050$	$r_s(z_d)/D_v(z=0.35)$	$0.1179 \pm 0.0027$
$r_s(z_d)/D_v(z=0.44)$	$0.0966^{+0.0020}_{-0.0021}$	$r_s(z_d)/D_v(z=0.54)$	$0.0813 \pm 0.0016$
$r_s(z_d)/D_v(z=0.57)$	$0.0778 \pm 0.0015$	$r_s(z_d)/D_v(z=0.6)$	$0.0747 \pm 0.0014$
$r_s(z_d)/D_v(z=0.73)$	$0.0641 \pm 0.0011$	$r_s(z_*)$	$146.7 \pm 1.0$
$R$	$1.706 \pm 0.013$	$\sigma_8$	$0.802 \pm 0.022$
$\sigma_8 \Omega_m^{0.5}$	$0.398 \pm 0.023$	$\sigma_8 \Omega_m^{0.6}$	$0.346 \pm 0.022$
$\alpha_{\text{SNLS}}$	$1.43 \pm 0.11$	$\beta_{\text{SNLS}}$	$3.26 \pm 0.11$
$A_{\text{SZ}}$	$< 2.0$ (95% CL)	$t_0$	$13.59^{+0.11}_{-0.10}$ Gyr
$\tau$	$0.097 \pm 0.015$	$\theta_*$	$0.010410 \pm 0.000022$
$\theta_*$	$0.5965 \pm 0.0012$ $^\circ$	$\tau_{\text{rec}}$	$286.5 \pm 2.1$
$t_{\text{reion}}$	$441^{+69}_{-70}$ Myr	$t_*$	$381075^{+3619}_{-3626}$ yr
$z_d$	$1021.7 \pm 1.2$	$z_{\text{eq}}$	$3157 \pm 90$
$z_{\text{rec}}$	$1087.17^{+0.77}_{-0.78}$	$z_{\text{reion}}$	$11.0 \pm 1.2$
$z_*$	$1089.69^{+0.84}_{-0.83}$		