

WMAP Cosmological Parameters

Model: lcdm+run+tens

Data: wmap9

$10^9 \Delta_{\mathcal{R}}^2$	2.20 ± 0.17	H_0	70.0 ± 3.8 km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	$5753 \pm 35 \mu\text{K}^2$	$d_A(z_{\text{eq}})$	14145 ± 155 Mpc
$d_A(z_*)$	13979 ± 157 Mpc	$dn_s/d \ln k$	-0.032 ± 0.028
$D_v(z = 0.57)/r_s(z_d)$	13.31 ± 0.53	η	$(6.21 \pm 0.22) \times 10^{-10}$
k_{eq}	0.01006 ± 0.00052	ℓ_{eq}	140.6 ± 5.9
ℓ_*	302.08 ± 0.71	n_b	$(2.549 \pm 0.091) \times 10^{-7} \text{ cm}^{-3}$
n_s	1.058 ± 0.063	n_t	> -0.063 (95% CL)
Ω_b	0.0466 ± 0.0037	$\Omega_b h^2$	0.02270 ± 0.00081
Ω_c	0.239 ± 0.041	$\Omega_c h^2$	0.1151 ± 0.0078
Ω_Λ	0.714 ± 0.045	Ω_m	0.286 ± 0.045
$\Omega_m h^2$	0.1378 ± 0.0072	r	< 0.50 (95% CL)
$r_s(z_d)$	151.8 ± 1.6 Mpc	$r_s(z_d)/D_v(z = 0.106)$	0.345 ± 0.020
$r_s(z_d)/D_v(z = 0.2)$	0.188 ± 0.010	$r_s(z_d)/D_v(z = 0.35)$	0.1133 ± 0.0054
$r_s(z_d)/D_v(z = 0.44)$	0.0930 ± 0.0041	$r_s(z_d)/D_v(z = 0.54)$	0.0785 ± 0.0032
$r_s(z_d)/D_v(z = 0.57)$	0.0752 ± 0.0030	$r_s(z_d)/D_v(z = 0.6)$	0.0723 ± 0.0028
$r_s(z_d)/D_v(z = 0.73)$	0.0623 ± 0.0021	$r_s(z_*)$	145.4 ± 1.6
R	1.730 ± 0.028	σ_8	0.822 ± 0.029
$\sigma_8 \Omega_m^{0.5}$	0.439 ± 0.048	$\sigma_8 \Omega_m^{0.6}$	$0.387_{-0.048}^{+0.049}$
A_{SZ}	< 2.0 (95% CL)	t_0	13.72 ± 0.17 Gyr
τ	0.096 ± 0.015	θ_*	0.010400 ± 0.000024
θ_*	0.5959 ± 0.0014 °	τ_{rec}	283.2 ± 3.9
t_{reion}	420_{-71}^{+70} Myr	t_*	375220_{-6947}^{+6952} yr
z_d	1020.9 ± 1.4	z_{eq}	3299 ± 172
z_{rec}	1088.2 ± 1.3	z_{reion}	11.2 ± 1.3
z_*	1091.0 ± 1.6		